

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001639.D
 Acq On : 17 Feb 2020 11:29
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 12:03:55 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	7.82	168	201094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	364164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	328793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	150803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	228331	111.41	ug/l	0.00
Spiked Amount			Recovery	=	222.82%	
35) Dibromofluoromethane	7.75	113	208528	99.70	ug/l	0.00
Spiked Amount			Recovery	=	199.40%	
50) Toluene-d8	10.19	98	876873	110.11	ug/l	0.00
Spiked Amount			Recovery	=	220.22%	
62) 4-Bromofluorobenzene	12.49	95	321129	102.35	ug/l	0.00
Spiked Amount			Recovery	=	204.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	212335	107.162	ug/l	98
3) Chloromethane	2.13	50	263704	122.022	ug/l	100
4) Vinyl Chloride	2.26	62	272219	122.226	ug/l	99
5) Bromomethane	2.65	94	163240	116.988	ug/l	100
6) Chloroethane	2.80	64	164446	122.443	ug/l	100
7) Trichlorofluoromethane	3.15	101	343078	97.724	ug/l	98
8) Diethyl Ether	3.55	74	133108	109.288	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	214141	100.714	ug/l	100
10) Methyl Iodide	4.11	142	283378	104.772	ug/l	99
11) Tert butyl alcohol	5.00	59	122583	386.180	ug/l	100
12) 1,1-Dichloroethene	3.90	96	218625	103.284	ug/l	96
13) Acrolein	3.76	56	109490	558.377	ug/l	100
14) Allyl chloride	4.51	41	395706	118.316	ug/l	99
15) Acrylonitrile	5.20	53	356394	618.923	ug/l	100
16) Acetone	3.97	43	426756	673.268	ug/l	100
17) Carbon Disulfide	4.22	76	742374	109.048	ug/l	99
18) Methyl Acetate	4.51	43	161130	121.616	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	623225	109.068	ug/l	99
20) Methylene Chloride	4.75	84	243511	92.263	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	251214	106.117	ug/l	97
22) Diisopropyl ether	6.16	45	824381	123.662	ug/l	96
23) Vinyl Acetate	6.10	43	2742254	638.828	ug/l	100
24) 1,1-Dichloroethane	6.05	63	433923	110.699	ug/l	99
25) 2-Butanone	7.02	43	563368	684.499	ug/l	99
26) 2,2-Dichloropropane	7.02	77	366193	99.181	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	276139	106.567	ug/l	99
28) Bromochloromethane	7.36	49	201154	145.406	ug/l	100
29) Tetrahydrofuran	7.38	42	320183	655.393	ug/l	98
30) Chloroform	7.53	83	415198	105.629	ug/l	98
31) Cyclohexane	7.81	56	444057	110.294	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	358414	101.739	ug/l	100
36) 1,1-Dichloropropene	7.94	75	346606	103.505	ug/l	100
37) Ethyl Acetate	7.10	43	207627	121.925	ug/l	99
38) Carbon Tetrachloride	7.93	117	305323	95.729	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	465789	105.773	ug/l	98
40) Benzene	8.19	78	1024913	106.715	ug/l	100
41) Methacrylonitrile	7.38	41	286380	375.605	ug/l #	21
42) 1,2-Dichloroethane	8.26	62	280984	104.857	ug/l	98
43) Isopropyl Acetate	8.30	43	405340	120.653	ug/l	100
44) Trichloroethene	8.96	130	252034	98.602	ug/l	99
45) 1,2-Dichloropropane	9.24	63	258692	110.721	ug/l	99
46) Dibromomethane	9.32	93	135167	103.906	ug/l	99
47) Bromodichloromethane	9.51	83	326098	103.365	ug/l	98
48) Methyl methacrylate	9.31	41	184719	121.424	ug/l	98
49) 1,4-Dioxane	9.32	88	39386	2247.926	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1042940	623.346	ug/l	99
52) Toluene	10.25	92	642710	105.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	371759	107.181	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	424334	107.180	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	202910	107.999	ug/l	97
56) Ethyl methacrylate	10.52	69	316856	116.973	ug/l	97
57) 1,3-Dichloropropane	10.80	76	352799	106.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	555520	567.133	ug/l	99
59) 2-Hexanone	10.84	43	814166	659.254	ug/l	98
60) Dibromochloromethane	11.00	129	224907	102.693	ug/l	98
61) 1,2-Dibromoethane	11.10	107	193255	105.033	ug/l	99
64) Tetrachloroethene	10.73	164	200722	94.241	ug/l	99
65) Chlorobenzene	11.52	112	650766	100.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	217649	96.845	ug/l	99
67) Ethyl Benzene	11.60	91	1210883	101.364	ug/l	100
68) m/p-Xylenes	11.71	106	900593	200.713	ug/l	99
69) o-Xylene	12.03	106	432210	102.075	ug/l	99
70) Styrene	12.05	104	761198	103.695	ug/l	99
71) Bromoform	12.21	173	133461	105.378	ug/l #	99
73) Isopropylbenzene	12.33	105	1169500	102.246	ug/l	100
74) N-amyl acetate	12.15	43	379503	121.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	258234	114.949	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	336929	208.435	ug/l #	100
77) Bromobenzene	12.61	156	246863	99.744	ug/l	98
78) n-propylbenzene	12.67	91	1426724	103.562	ug/l	99
79) 2-Chlorotoluene	12.76	91	802911	102.714	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	964061	100.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	98773	114.432	ug/l #	81
82) 4-Chlorotoluene	12.86	91	837369	101.608	ug/l	99
83) tert-Butylbenzene	13.08	119	790997	97.356	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	947098	99.174	ug/l	99
85) sec-Butylbenzene	13.26	105	1181204	102.770	ug/l	99
86) p-Isopropyltoluene	13.37	119	997990	98.598	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	468979	98.219	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	481332	100.674	ug/l	99
89) n-Butylbenzene	13.70	91	1046341	104.126	ug/l	100
90) Hexachloroethane	13.96	117	197812	101.997	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	438810	101.257	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	42402	103.902	ug/l	98

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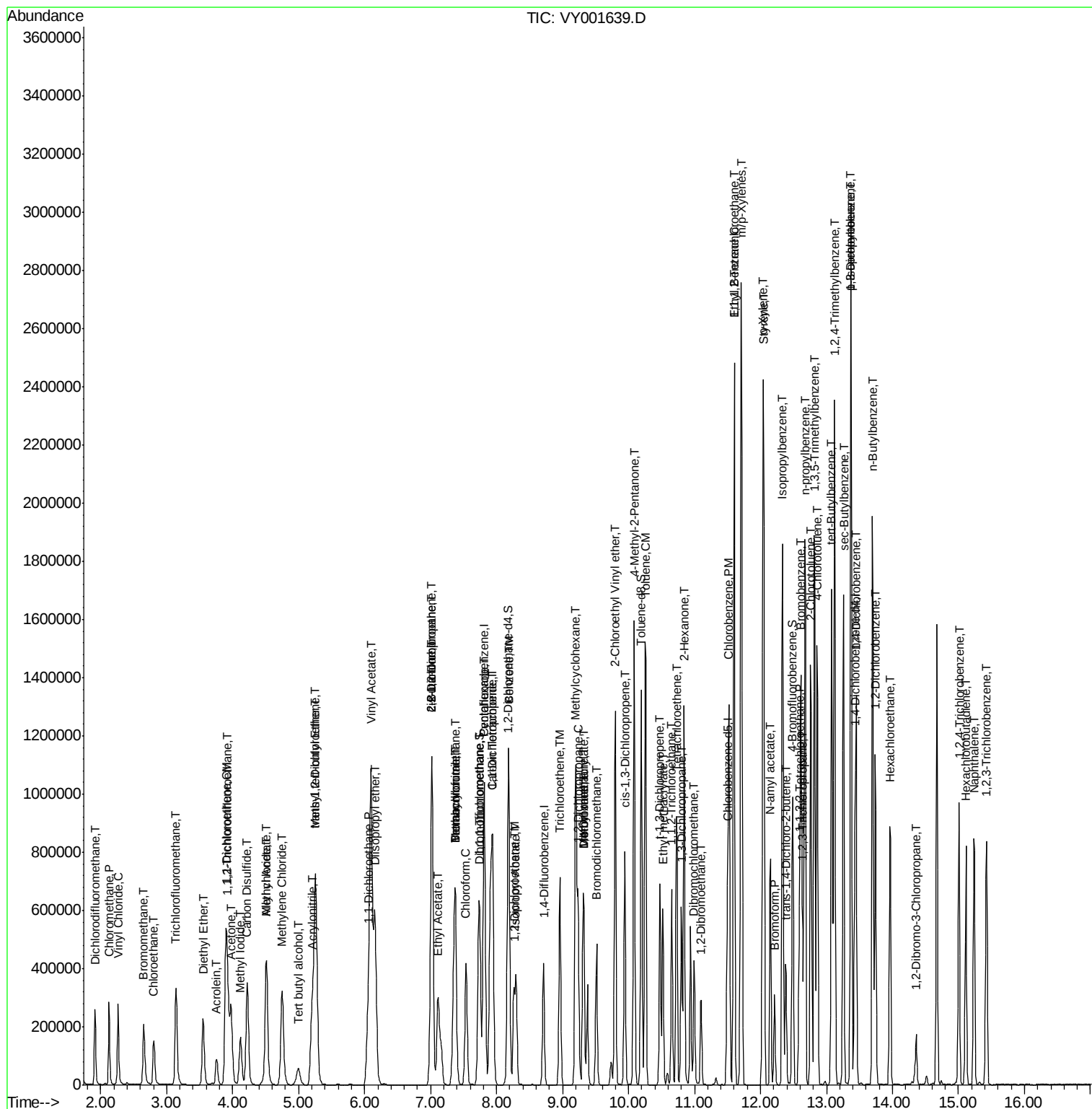
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	283126	96.923	ug/l	98
94) Hexachlorobutadiene	15.11	225	138028	94.082	ug/l	99
95) Naphthalene	15.23	128	694647	100.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	251986	97.451	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

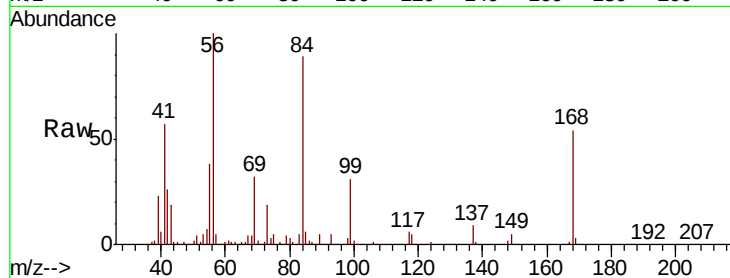
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 201094

Ion Ratio Lower Upper

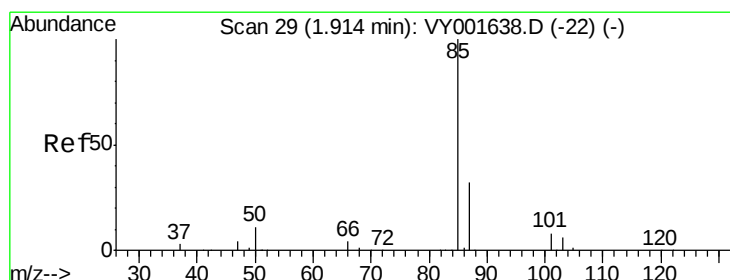
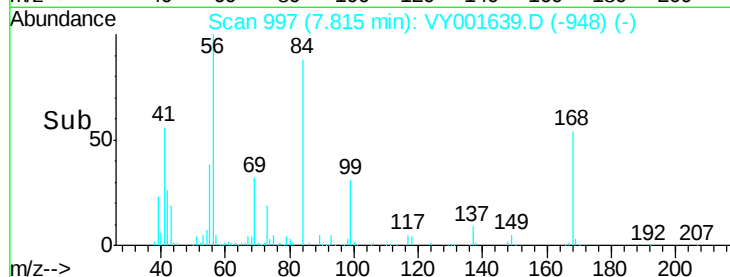
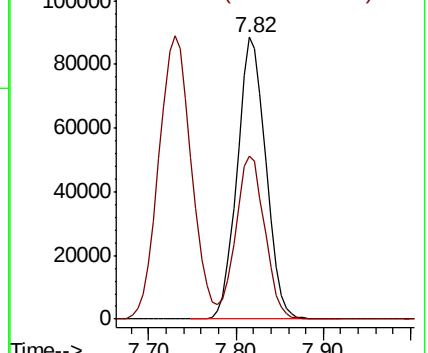
168 100

99 57.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY001639.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001639.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 107.162 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001639.D

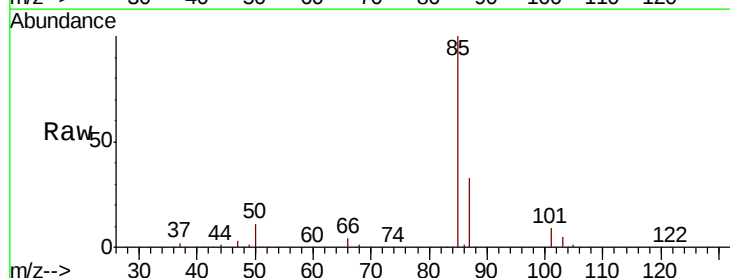
Acq: 17 Feb 2020 11:29

Tgt Ion: 85 Resp: 212335

Ion Ratio Lower Upper

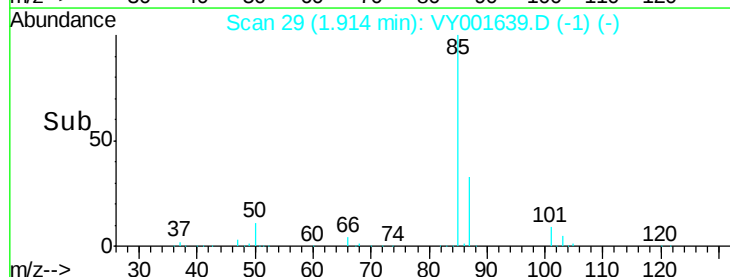
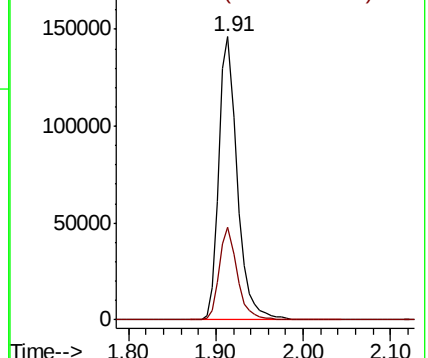
85 100

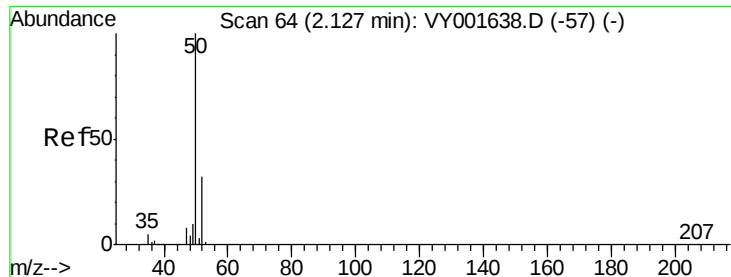
87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VY001639.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001639.D (-1) (-)

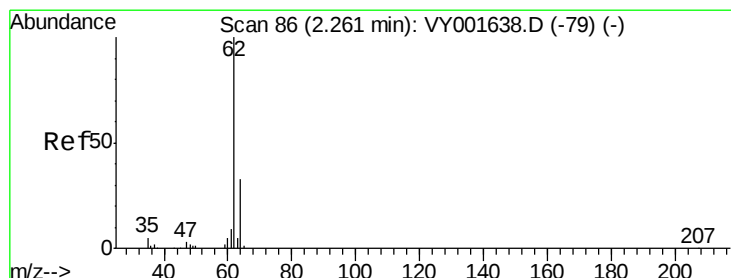
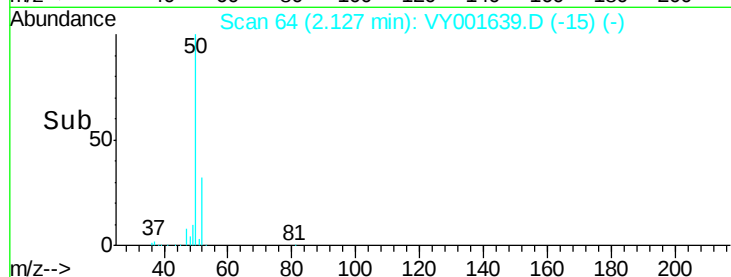
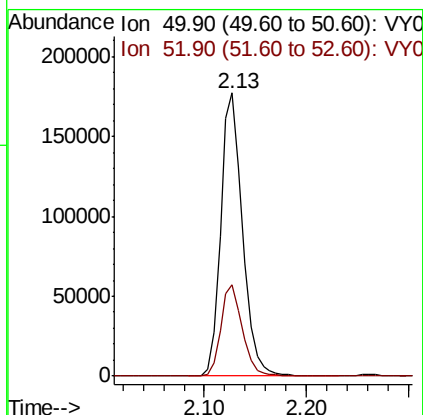
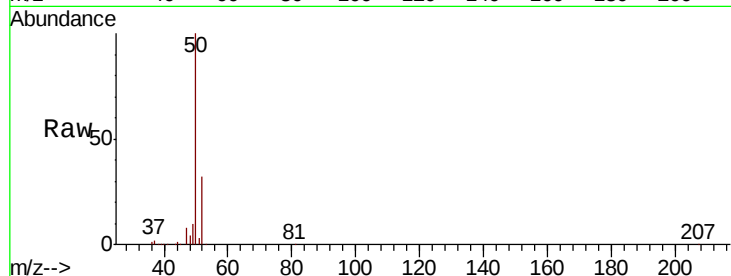




#3
Chloromethane
Concen: 122.022 ug/l
RT: 2.13 min Scan# 64
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

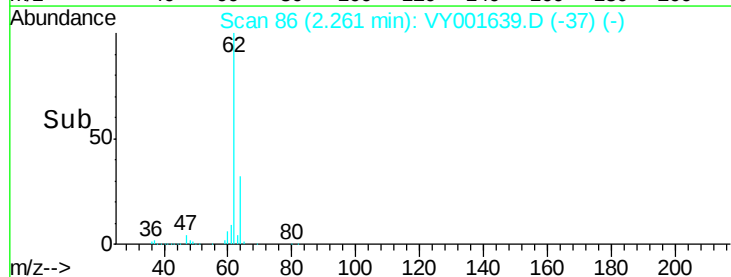
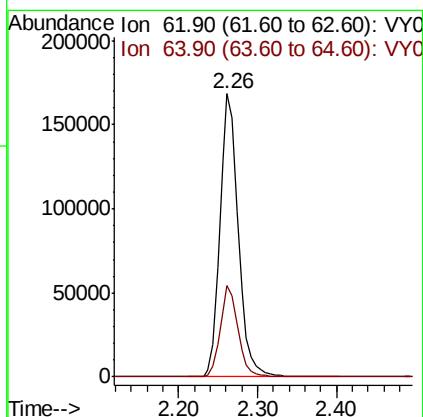
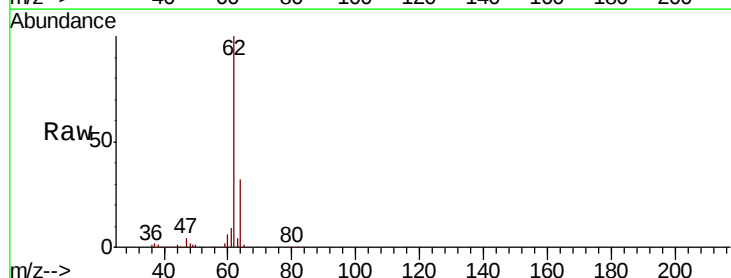
Instrument :
MSVOA_Y
ClientSampleId :

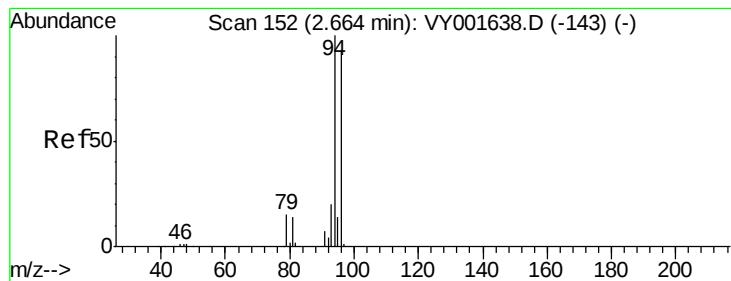
Tot Ion: 50 Resp: 263704
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 122.226 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 62 Resp: 272219
Ion Ratio Lower Upper
62 100
64 32.3 26.3 39.5





#5

Bromomethane

Concen: 116.988 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

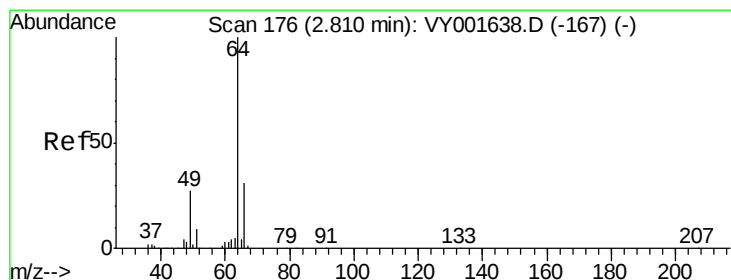
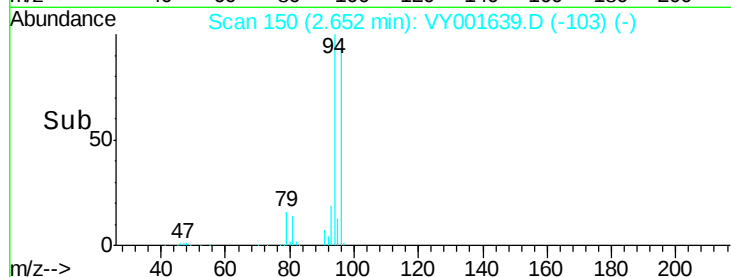
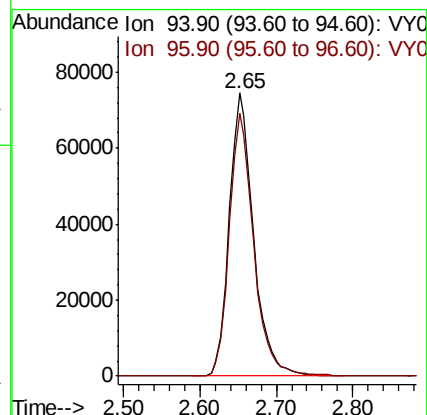
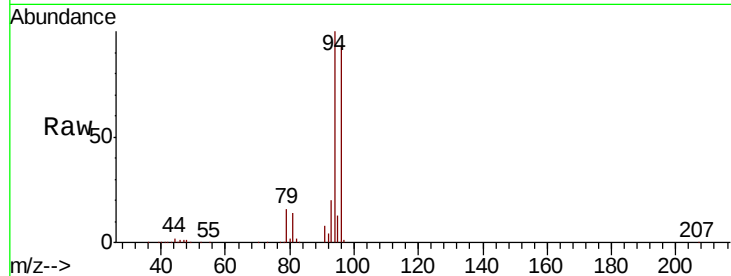
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 163240

Ion Ratio Lower Upper

94 100

96 93.1 74.1 111.1



#6

Chloroethane

Concen: 122.443 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001639.D

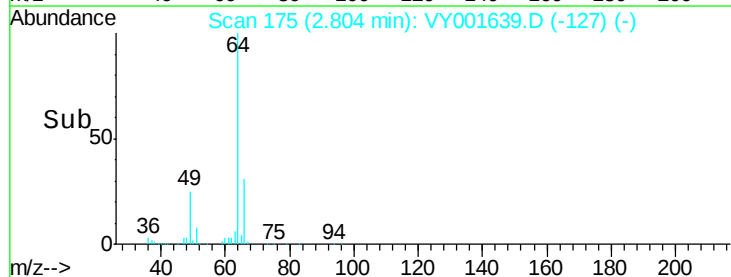
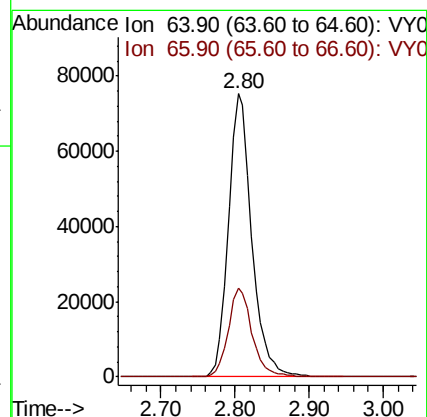
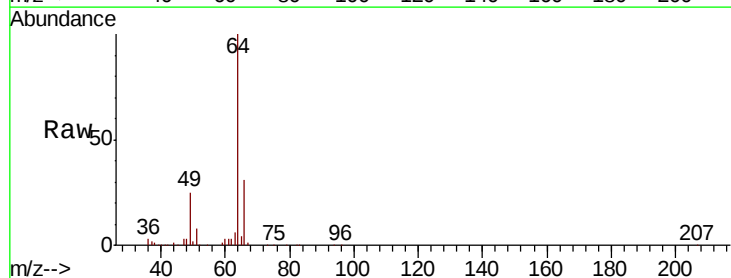
Acq: 17 Feb 2020 11:29

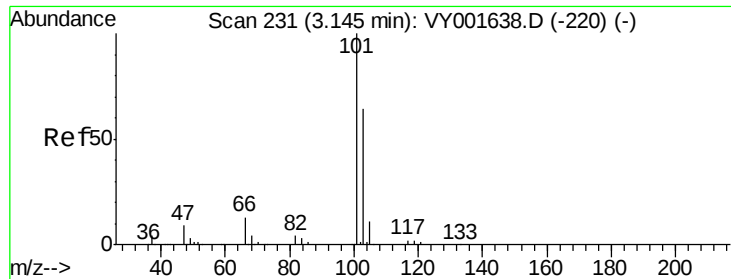
Tgt Ion: 64 Resp: 164446

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



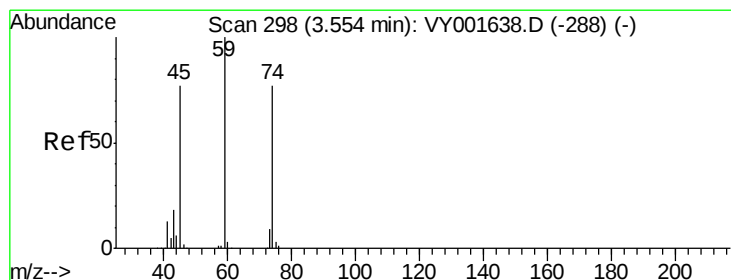
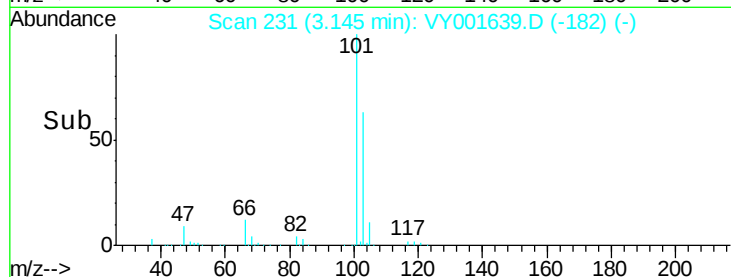
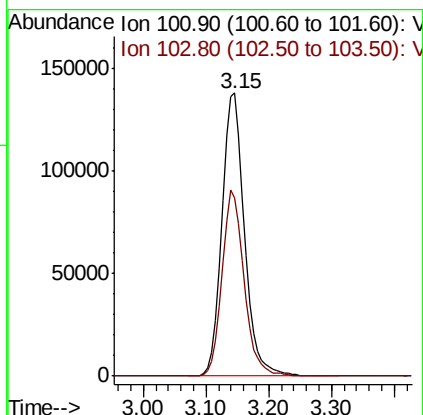
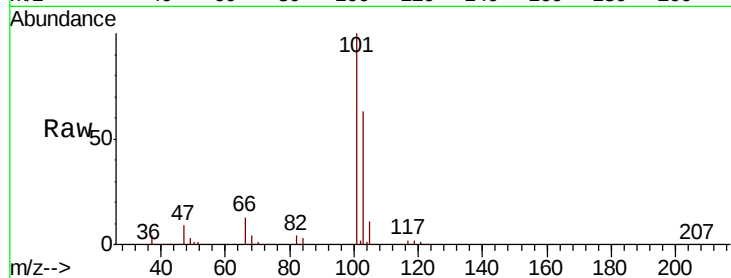


#7

Trichlorofluoromethane
Concen: 97.724 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampled :

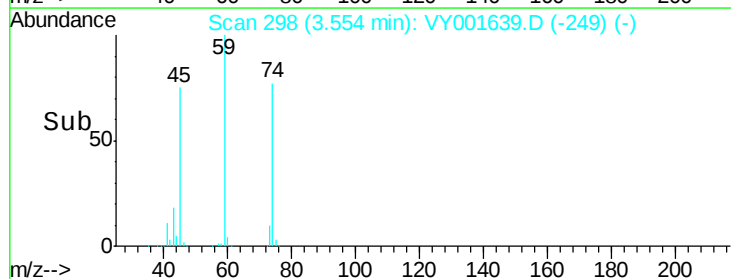
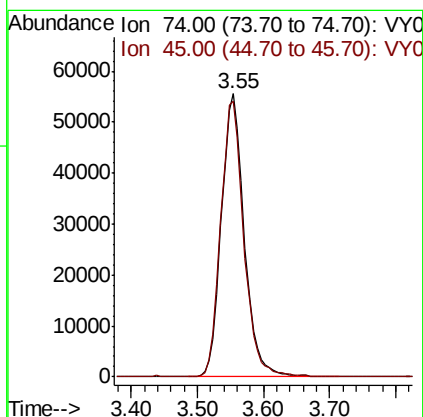
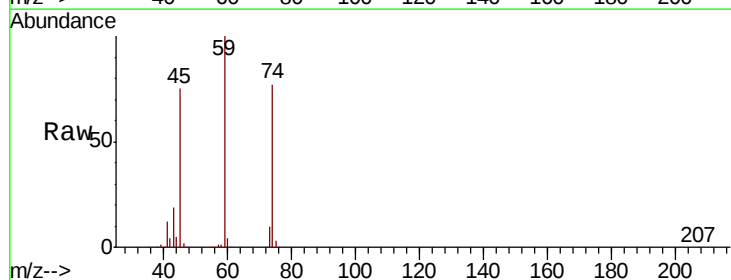
Tot Ion:101 Resp: 343078
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

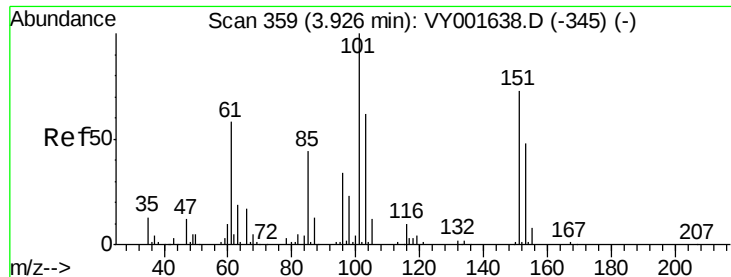


#8

Diethyl Ether
Concen: 109.288 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 74 Resp: 133108
Ion Ratio Lower Upper
74 100
45 98.6 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.714 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

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ClientSampleId :

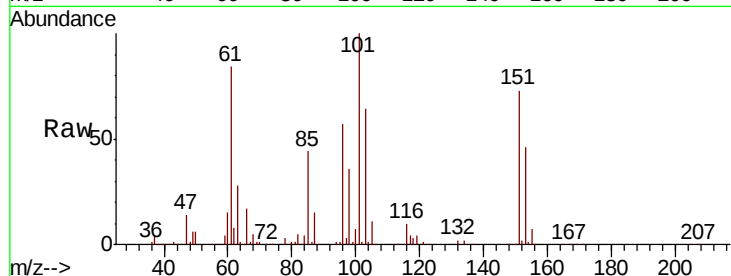
Tot Ion:101 Resp: 214141

Ion Ratio Lower Upper

101 100

85 44.1 34.6 52.0

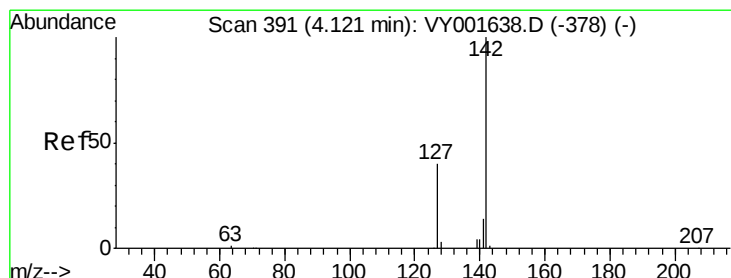
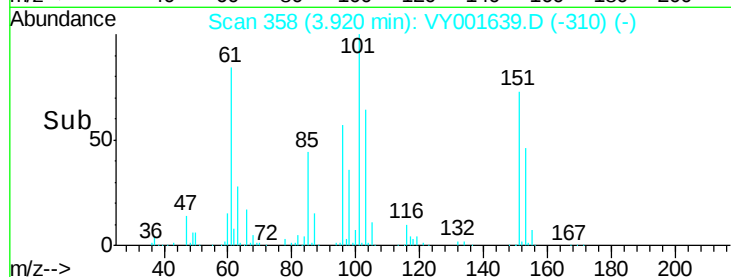
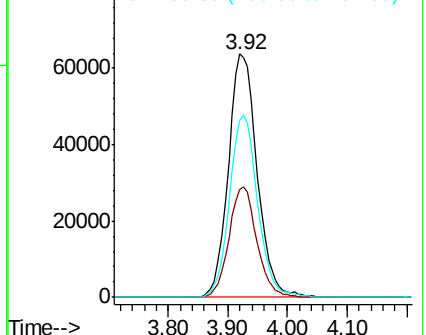
151 73.3 58.6 88.0



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: 104.772 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

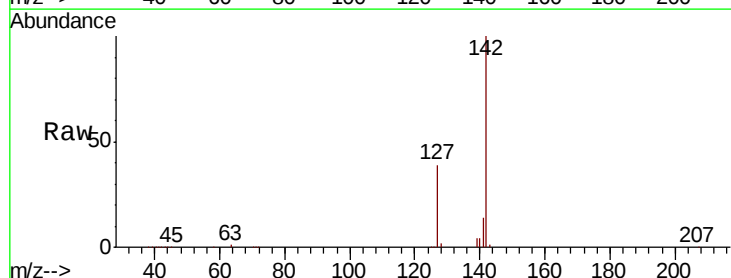
Tgt Ion:142 Resp: 283378

Ion Ratio Lower Upper

142 100

127 40.5 31.8 47.8

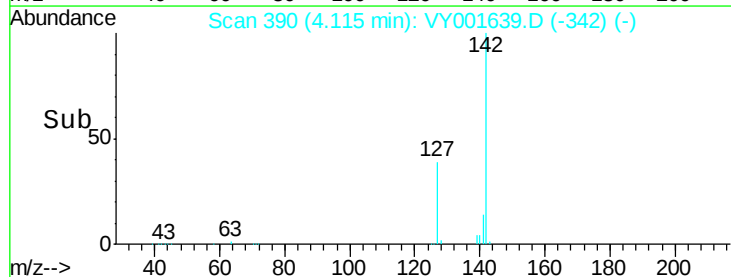
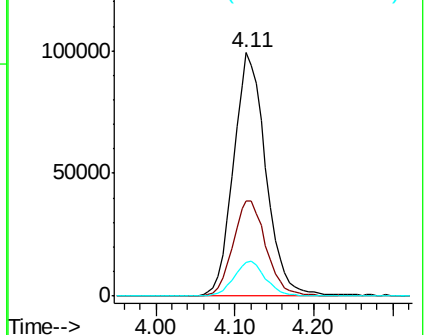
141 14.2 11.3 16.9

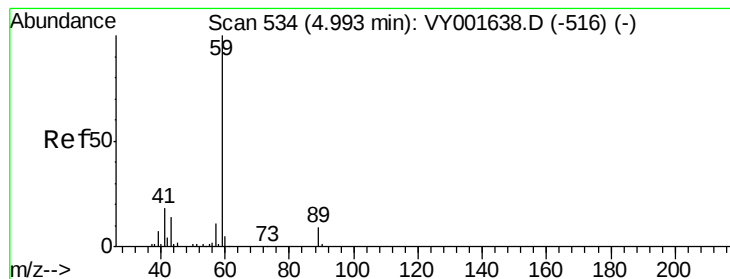


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



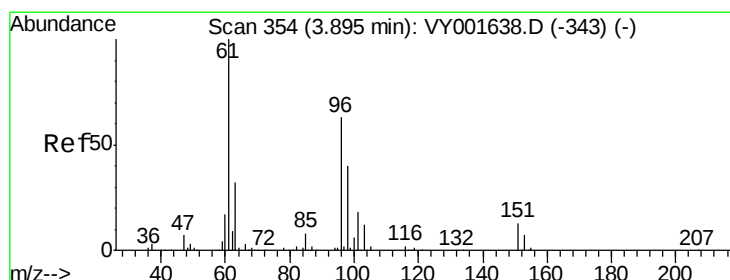
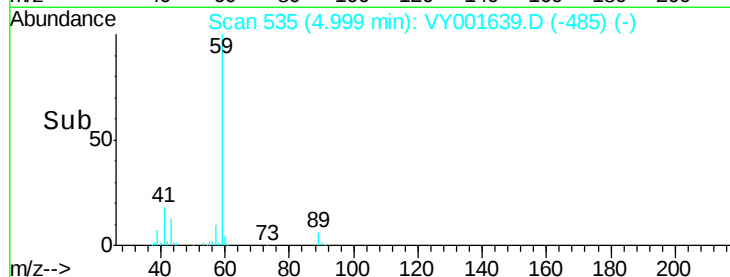
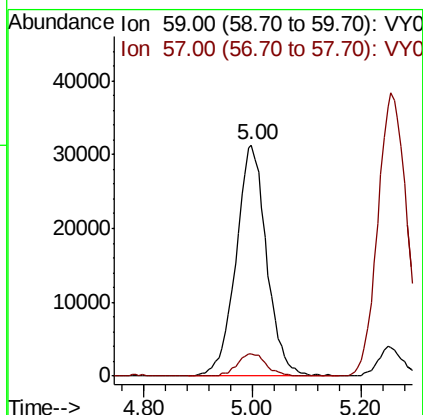
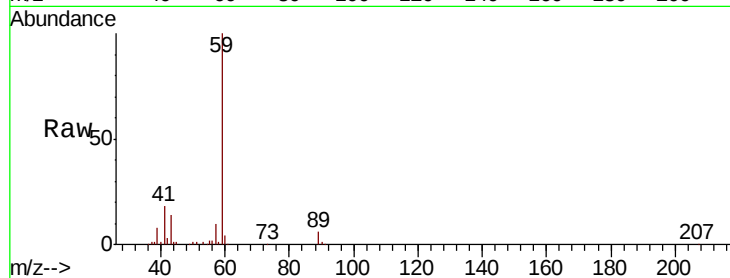


#11

Tert butyl alcohol
Concen: 386.180 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampleId :

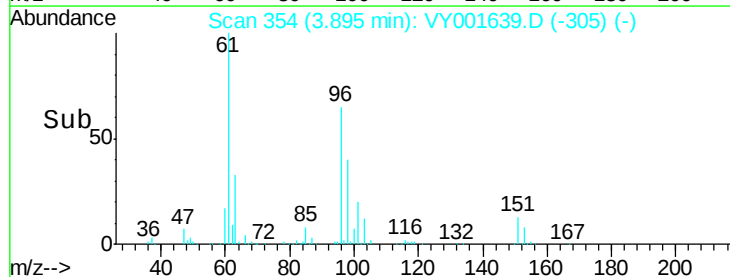
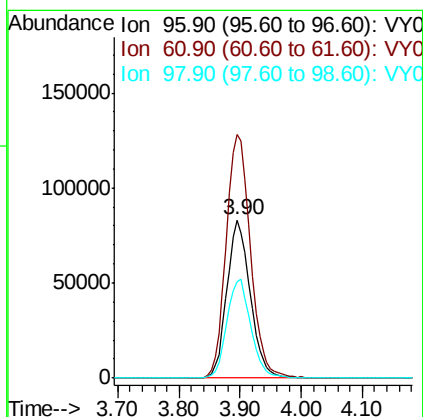
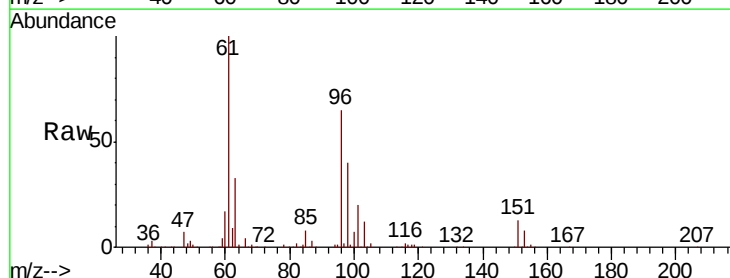
Tot Ion: 59 Resp: 122583
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2

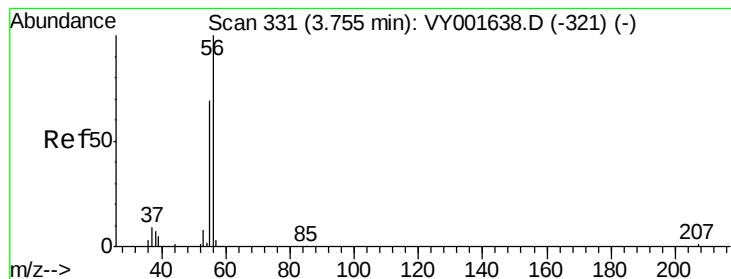


#12

1,1-Dichloroethene
Concen: 103.284 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 96 Resp: 218625
Ion Ratio Lower Upper
96 100
61 153.7 127.9 191.9
98 61.1 51.0 76.4





#13

Acrolein

Concen: 558.377 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

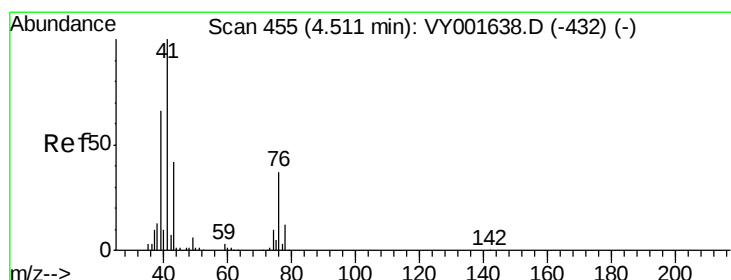
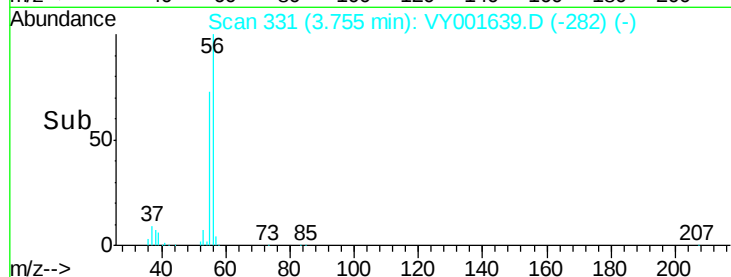
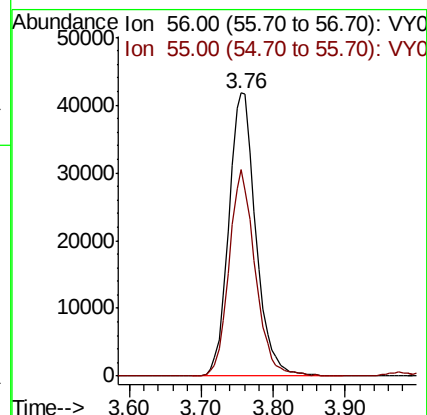
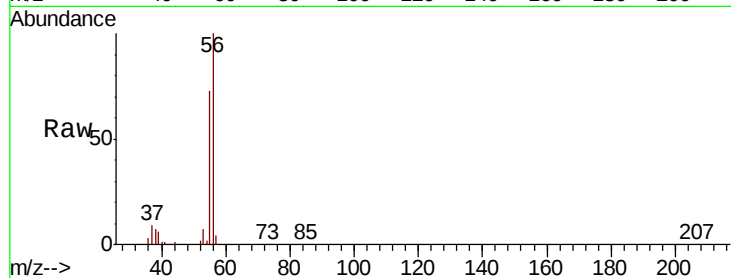
ClientSampleId :

Tot Ion: 56 Resp: 109490

Ion Ratio Lower Upper

56 100

55 70.6 56.4 84.6



#14

Allyl chloride

Concen: 118.316 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

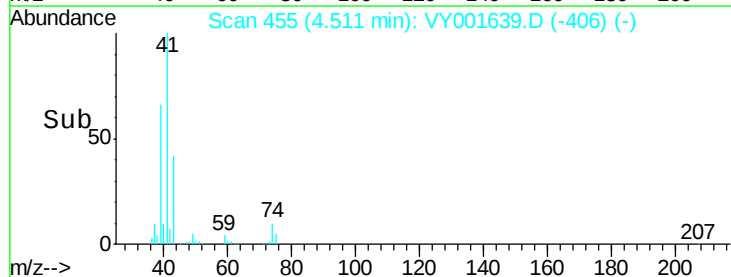
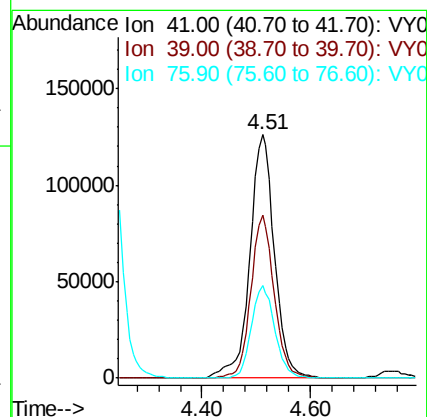
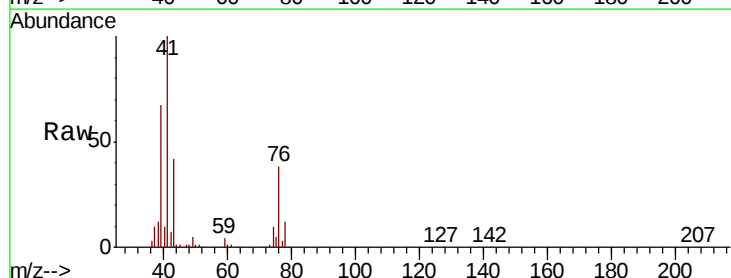
Tgt Ion: 41 Resp: 395706

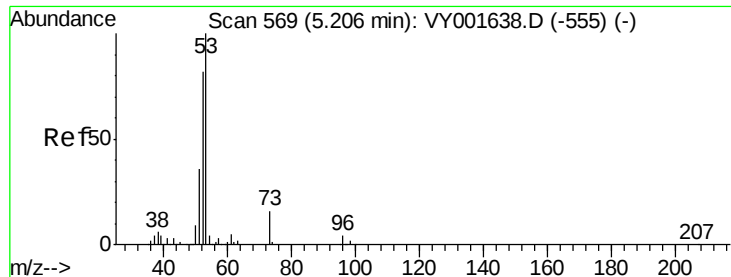
Ion Ratio Lower Upper

41 100

39 63.5 51.0 76.4

76 36.3 28.2 42.4





#15

Acrylonitrile

Concen: 618.923 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

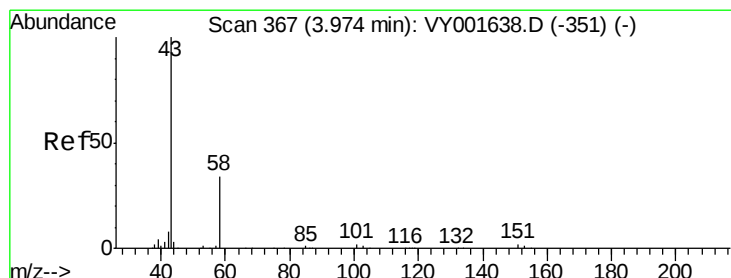
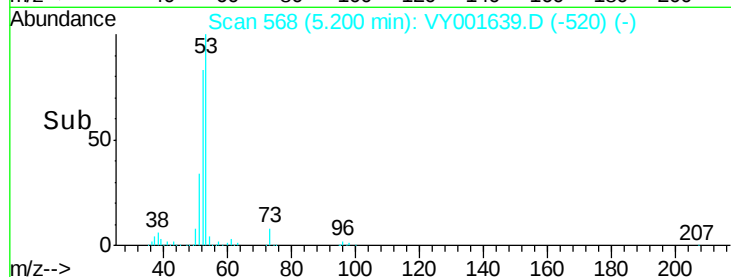
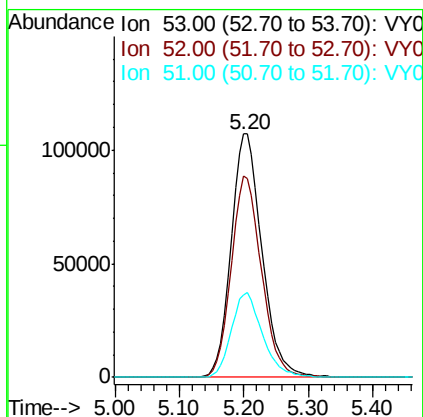
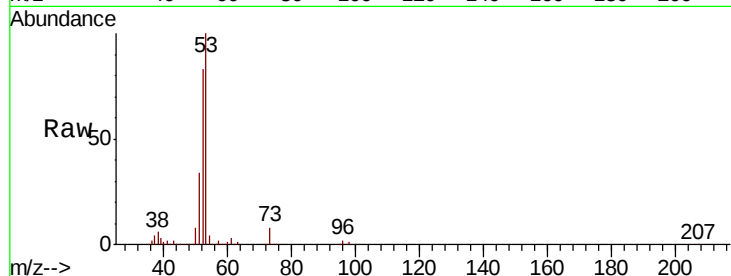
Tot Ion: 53 Resp: 356394

Ion Ratio Lower Upper

53 100

52 81.4 64.9 97.3

51 35.4 28.2 42.4



#16

Acetone

Concen: 673.268 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001639.D

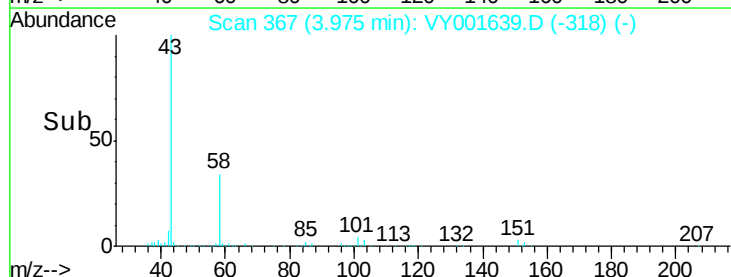
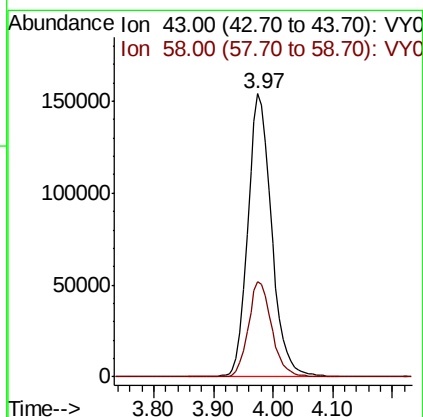
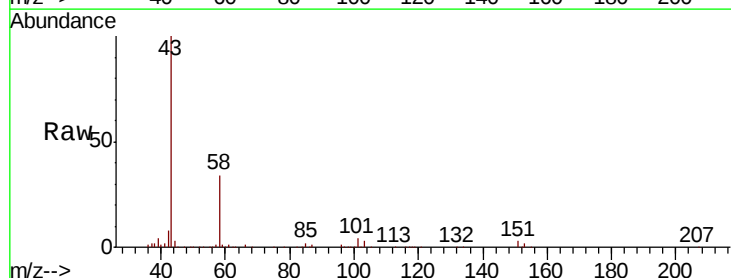
Acq: 17 Feb 2020 11:29

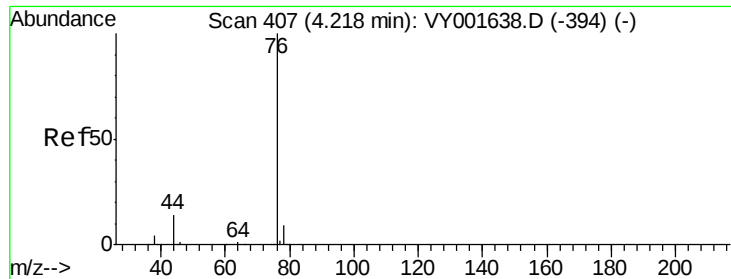
Tgt Ion: 43 Resp: 426756

Ion Ratio Lower Upper

43 100

58 33.7 27.0 40.4





#17

Carbon Disulfide

Concen: 109.048 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

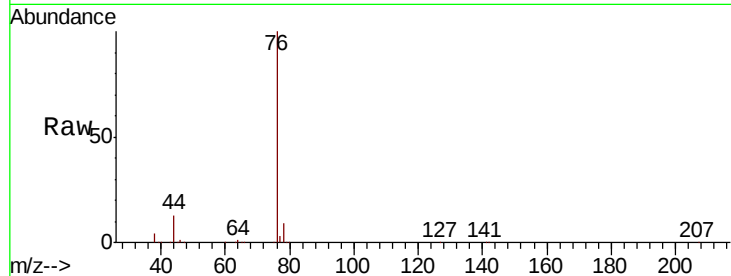
ClientSampled :

Tot Ion: 76 Resp: 742374

Ion Ratio Lower Upper

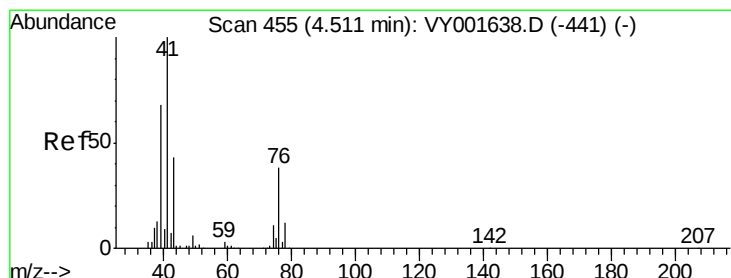
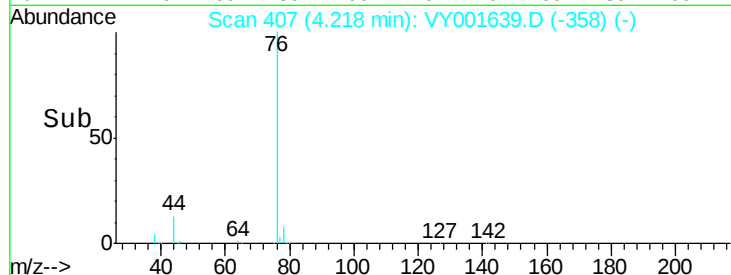
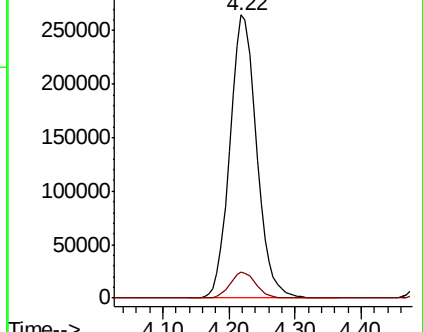
76 100

78 9.3 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: 121.616 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001639.D

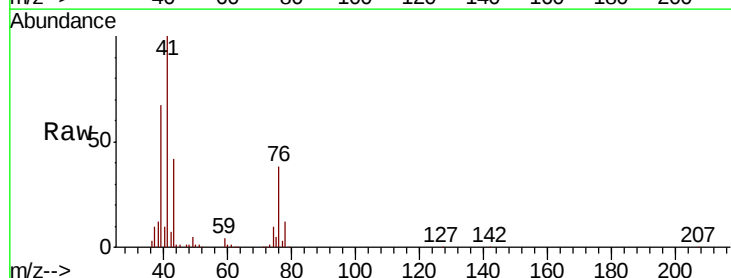
Acq: 17 Feb 2020 11:29

Tgt Ion: 43 Resp: 161130

Ion Ratio Lower Upper

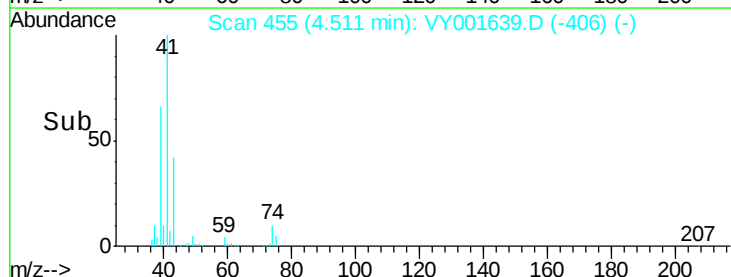
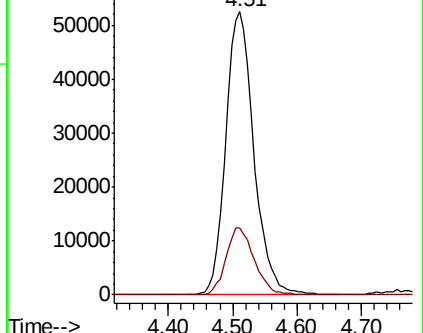
43 100

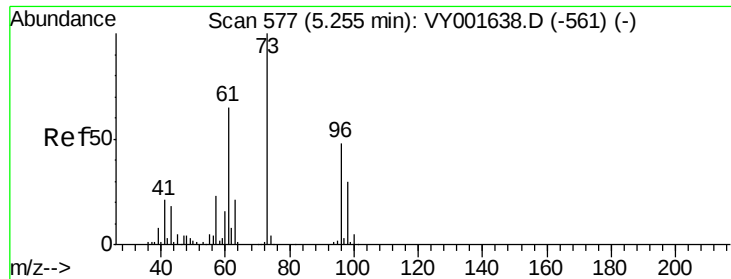
74 24.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

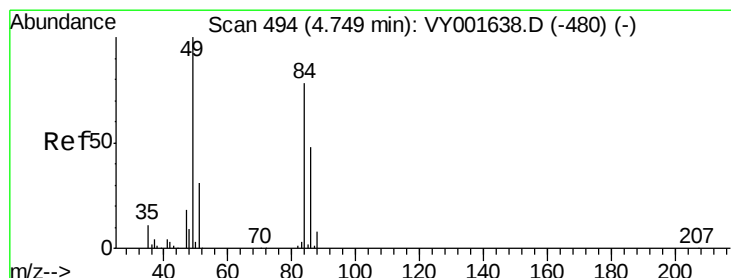
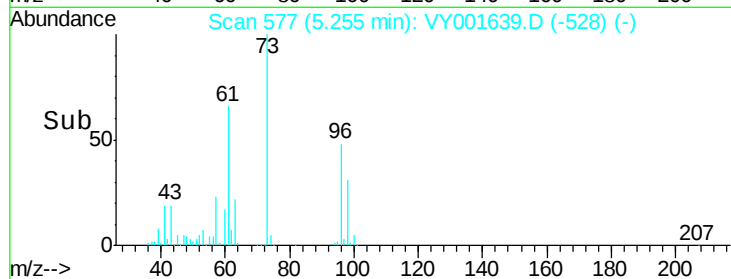
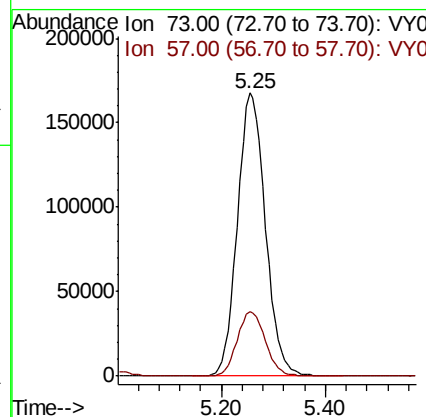
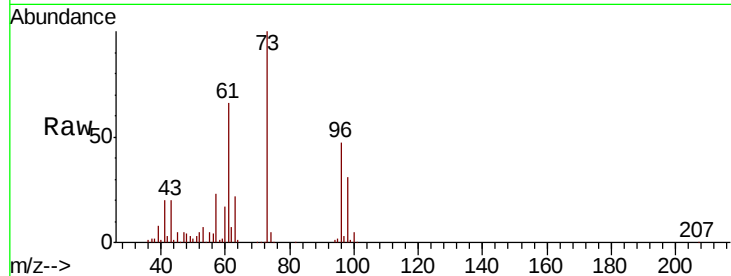




#19
Methvl tert-butvl Ether
Concen: 109.068 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

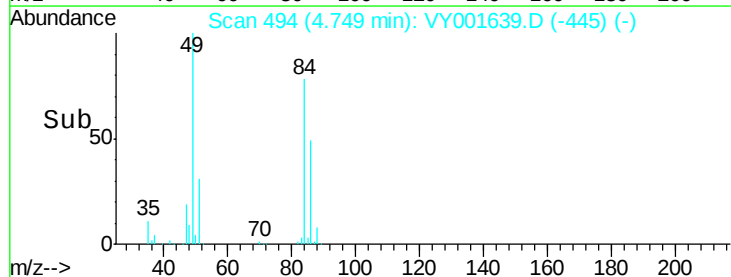
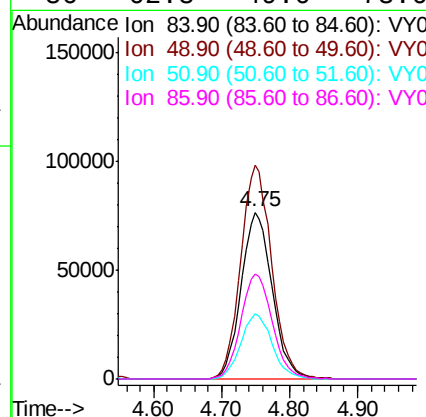
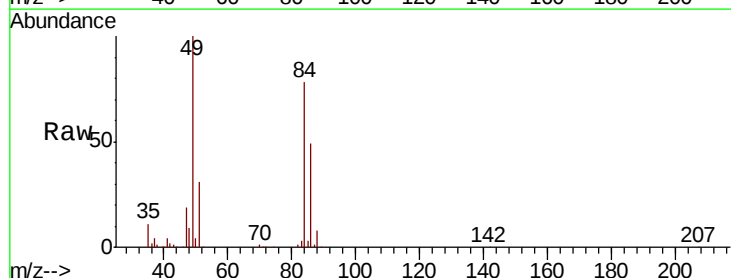
Instrument :
MSVOA_Y
ClientSampleId :

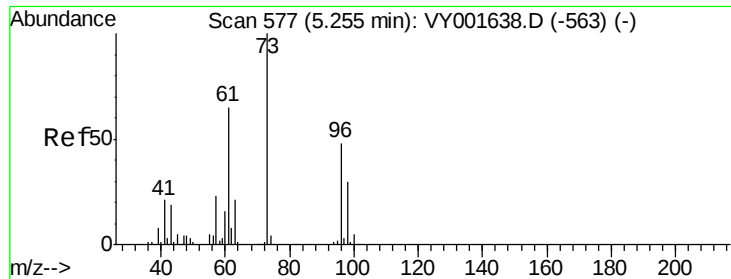
Tot Ion: 73 Resp: 623225
Ion Ratio Lower Upper
73 100
57 22.9 18.6 27.8



#20
Methylene Chloride
Concen: 92.263 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 84 Resp: 243511
Ion Ratio Lower Upper
84 100
49 128.3 102.3 153.5
51 39.2 31.4 47.2
86 62.8 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 106.117 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampled :

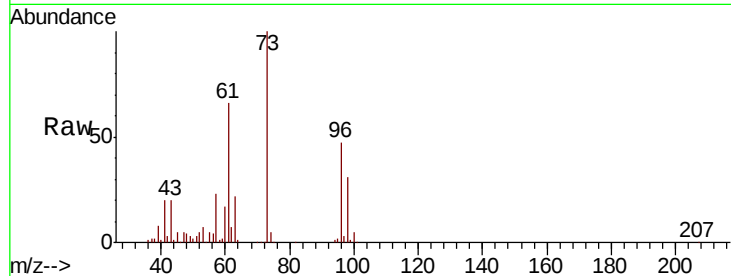
Tot Ion: 96 Resp: 251214

Ion Ratio Lower Upper

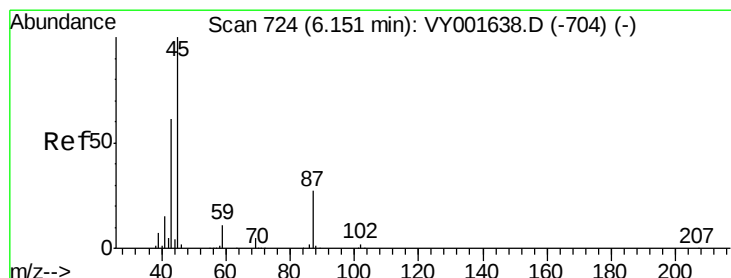
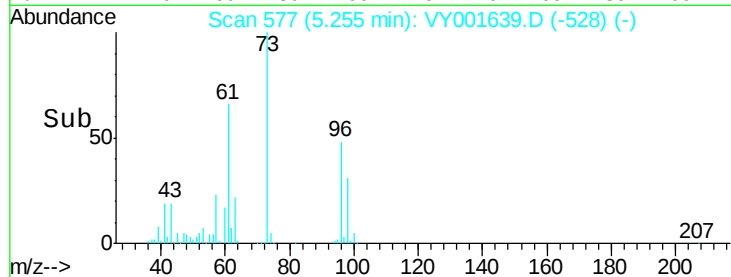
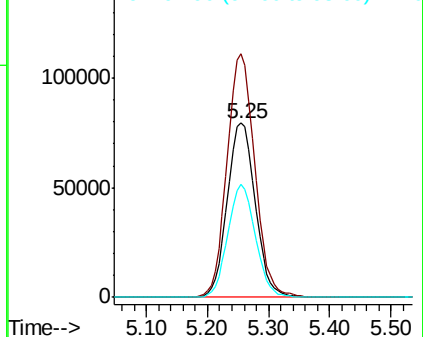
96 100

61 139.6 109.0 163.4

98 64.7 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: 123.662 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Tgt Ion: 45 Resp: 824381

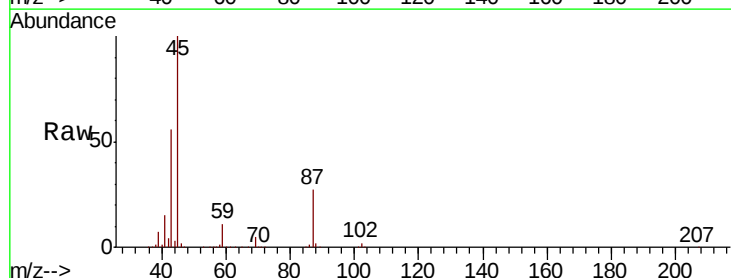
Ion Ratio Lower Upper

45 100

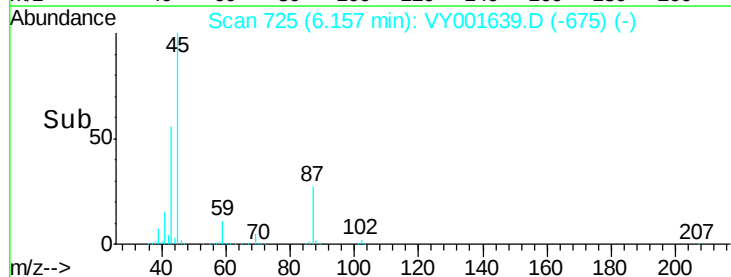
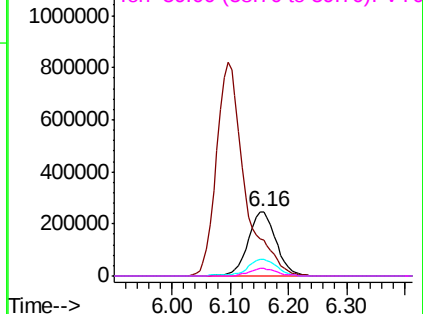
43 55.5 48.6 72.8

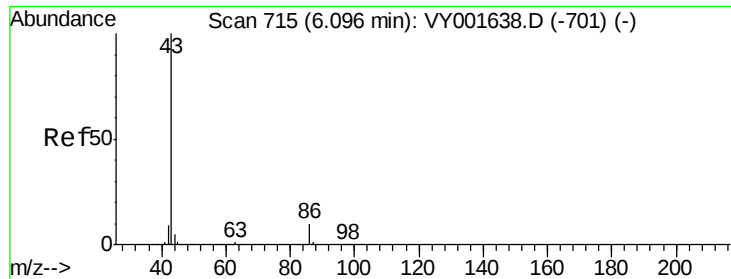
87 26.6 21.7 32.5

59 11.4 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

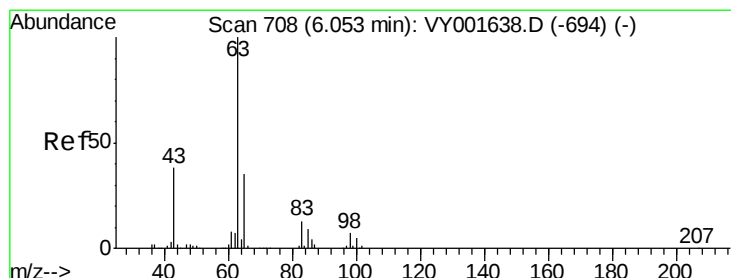
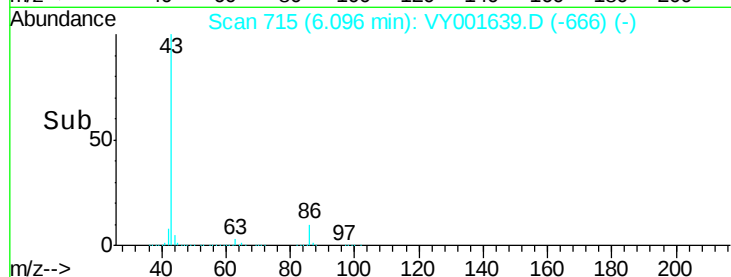
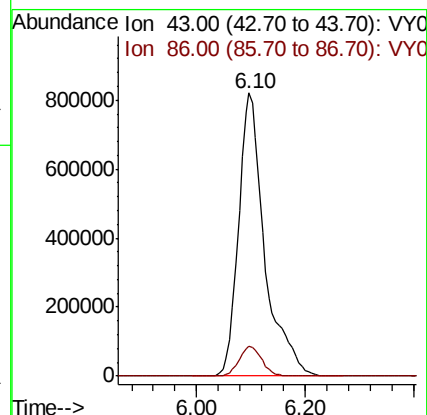
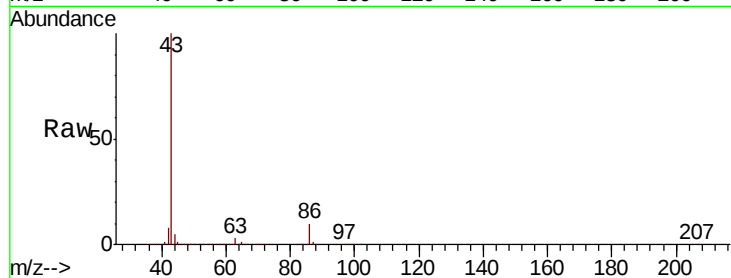




#23
 Vinyl Acetate
 Concen: 638.828 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

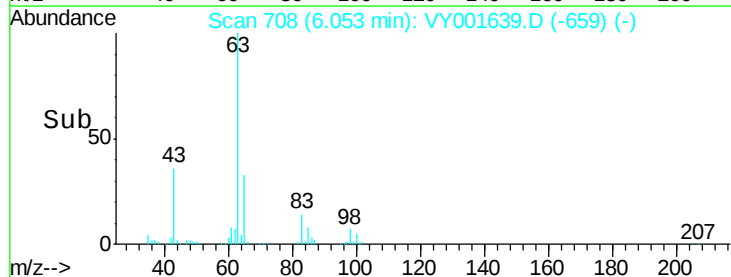
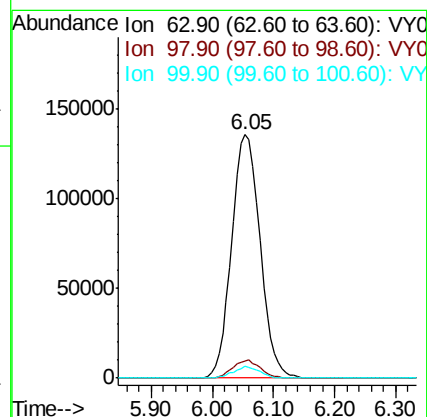
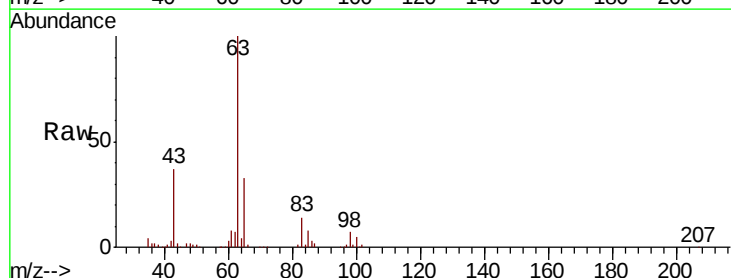
Instrument :
 MSVOA_Y
 ClientSampleId :

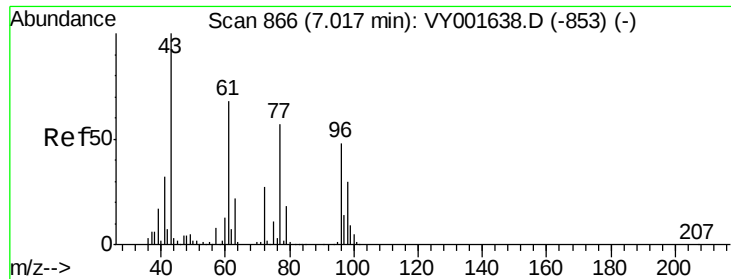
Tot Ion: 43 Resp: 2742254
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 110.699 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 63 Resp: 433923
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.3 6.9

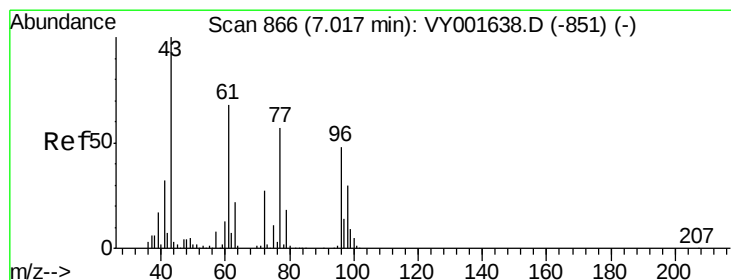
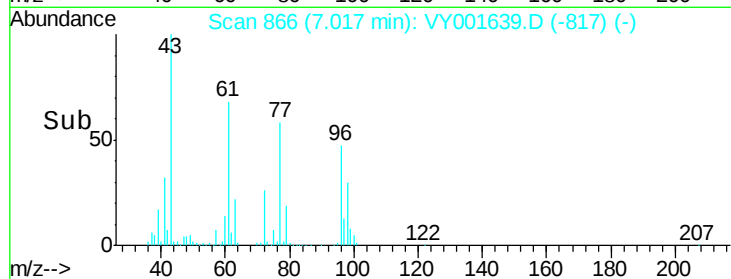
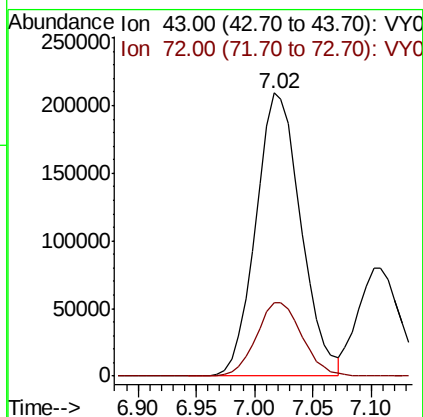
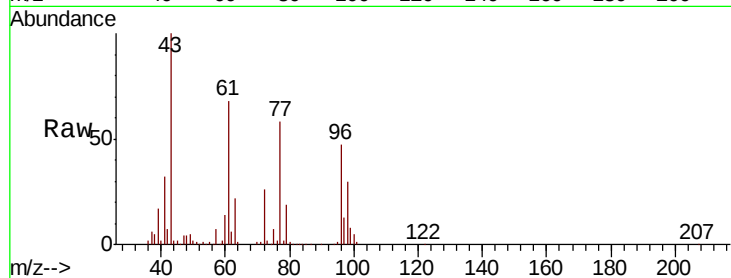




#25
2-Butanone
Concen: 684.499 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

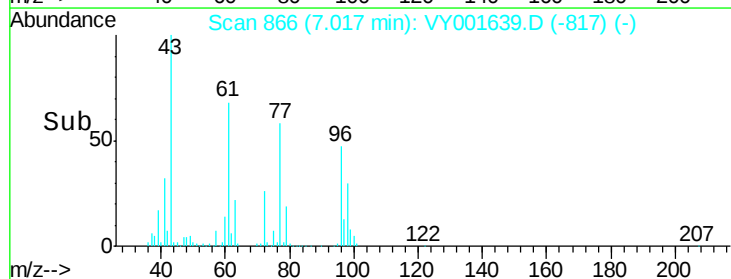
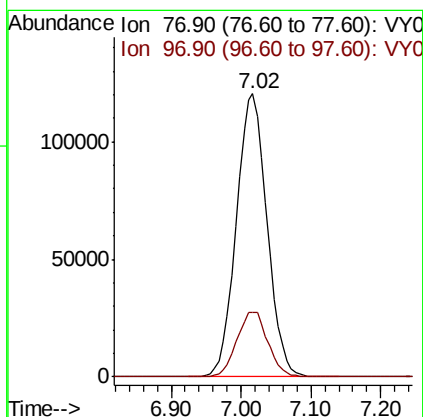
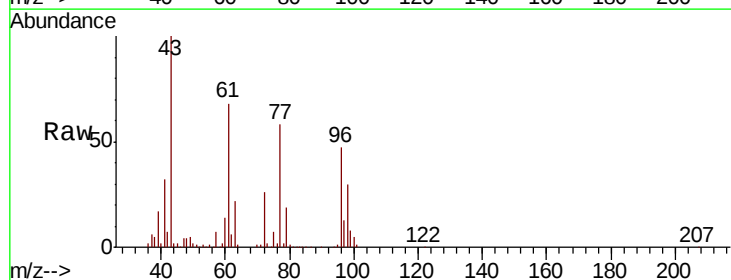
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 563368
Ion Ratio Lower Upper
43 100
72 25.9 21.3 31.9



#26
2,2-Dichloropropane
Concen: 99.181 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 77 Resp: 366193
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5



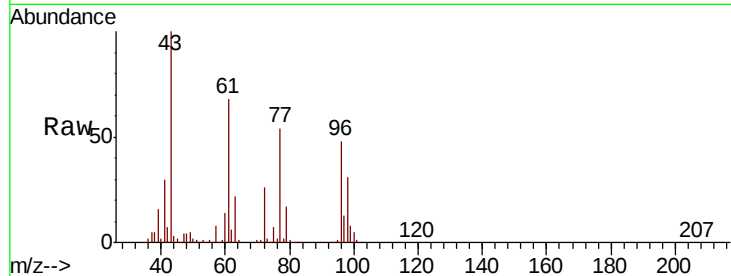


#27

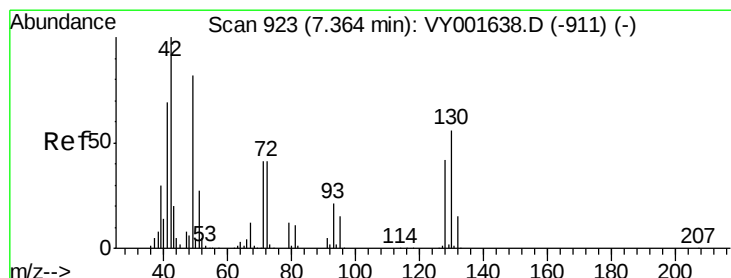
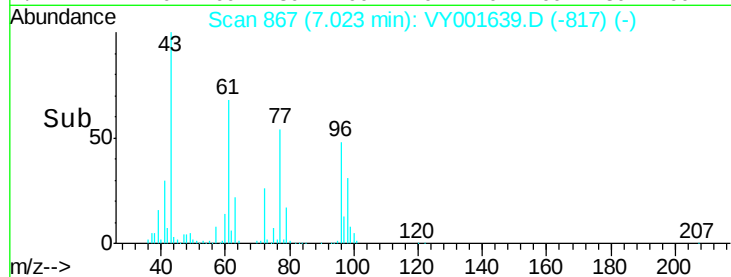
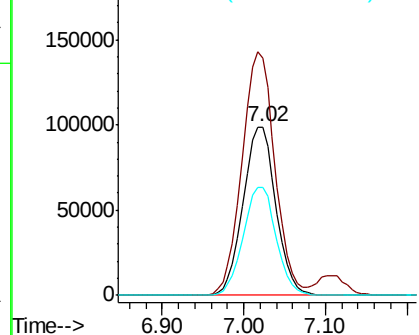
cis-1,2-Dichloroethene
Concen: 106.567 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	276139
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	291.4
98	64.4	0.0	128.6



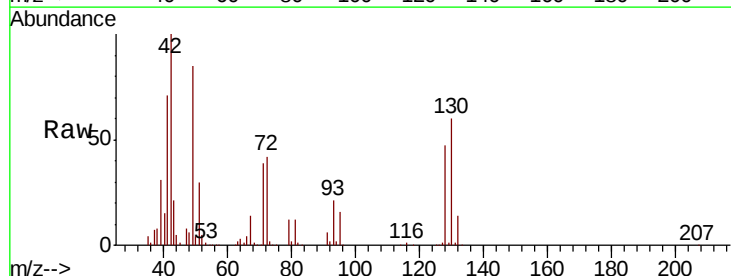
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



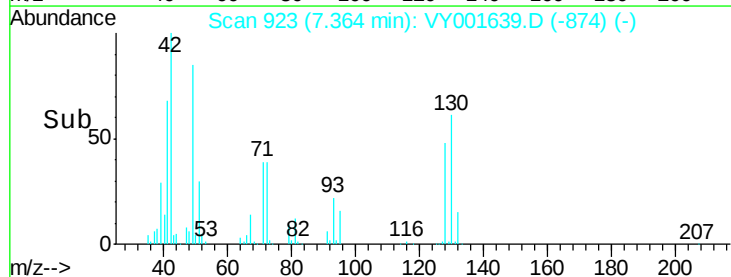
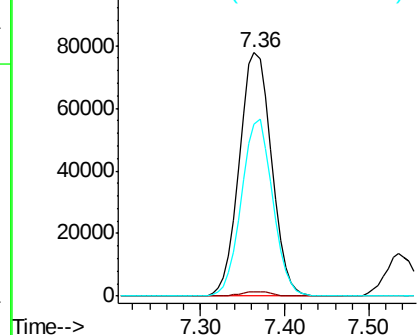
#28

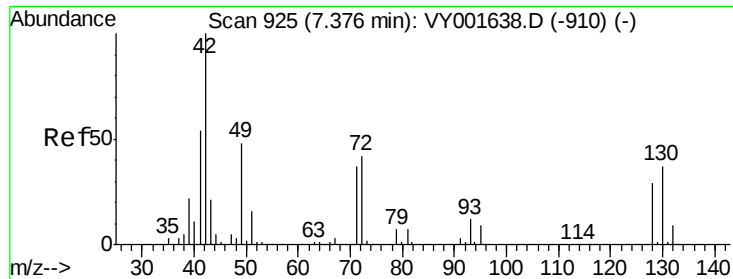
Bromochloromethane
Concen: 145.406 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion	49	Resp	201154
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	70.2	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

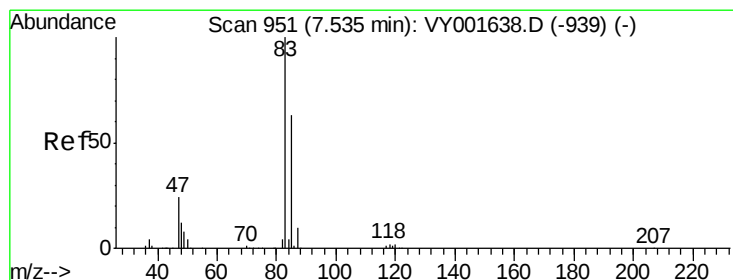
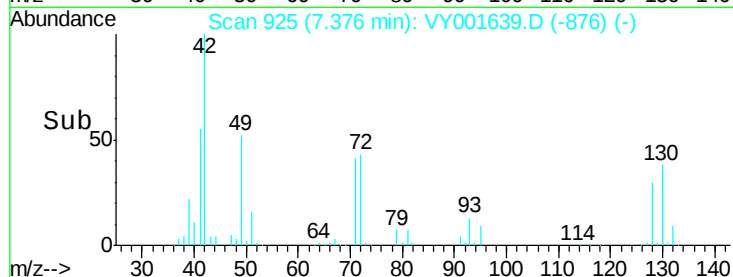
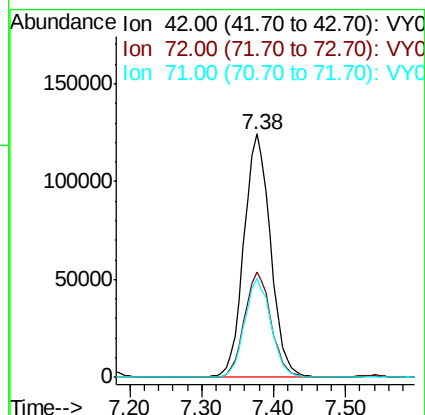
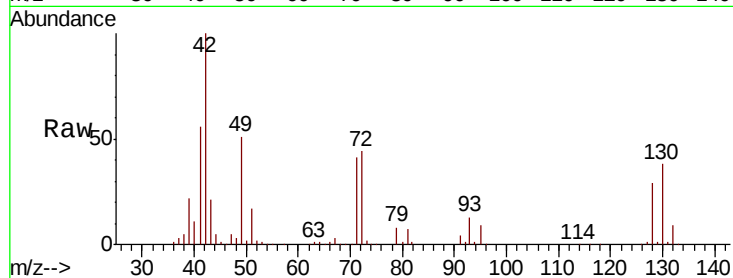




#29
Tetrahydrofuran
Concen: 655.393 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

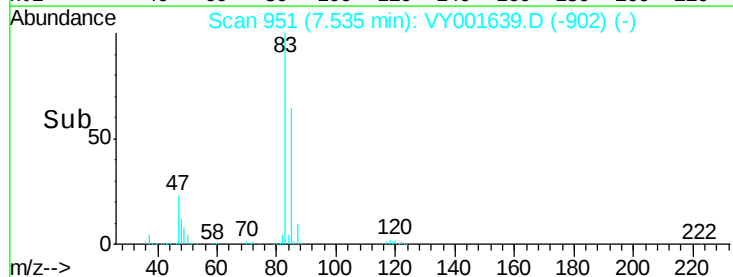
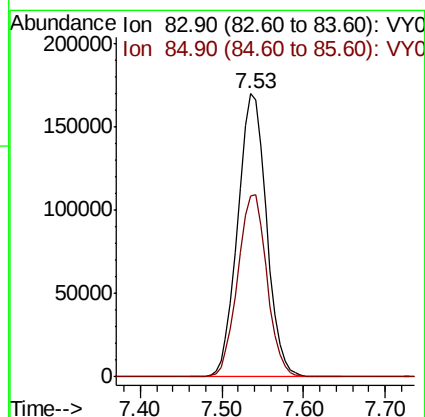
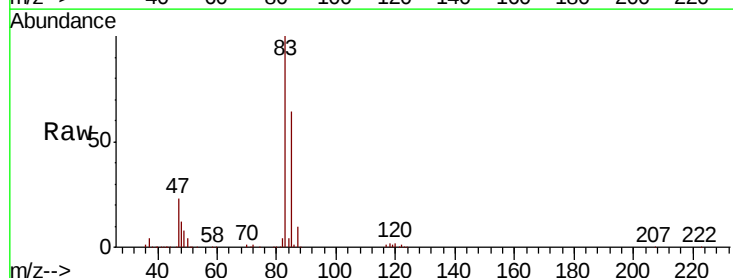
Instrument :
MSVOA_Y
ClientSampled :

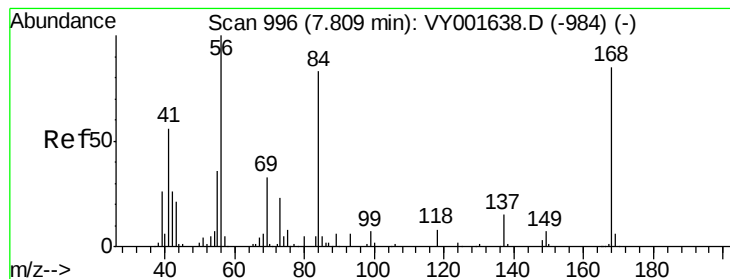
Tot Ion: 42 Resp: 320183
Ion Ratio Lower Upper
42 100
72 43.1 33.2 49.8
71 39.9 31.0 46.6



#30
Chloroform
Concen: 105.629 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 83 Resp: 415198
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4





#31

Cyclohexane

Concen: 110.294 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampleId :

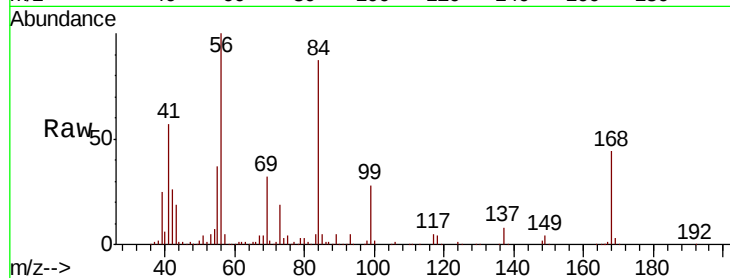
Tot Ion: 56 Resp: 444057

Ion Ratio Lower Upper

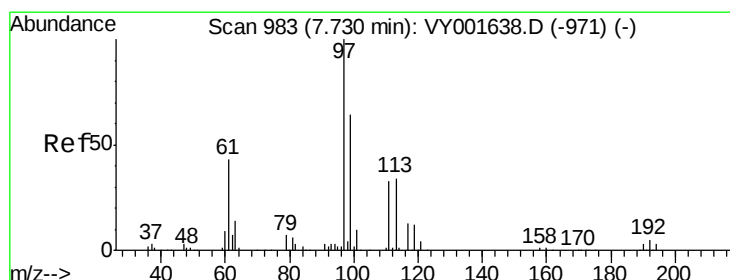
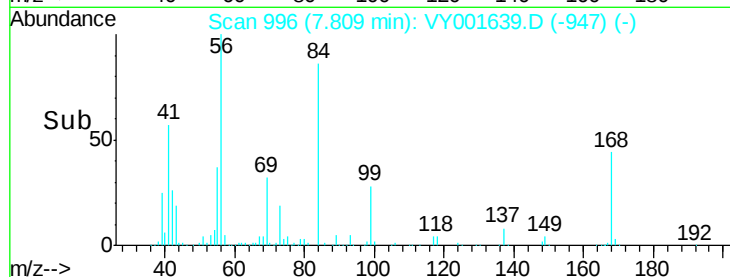
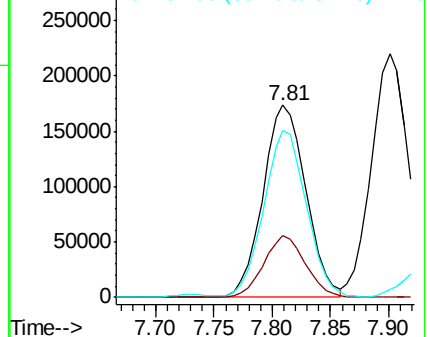
56 100

69 32.5 26.3 39.5

84 85.6 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: 101.739 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

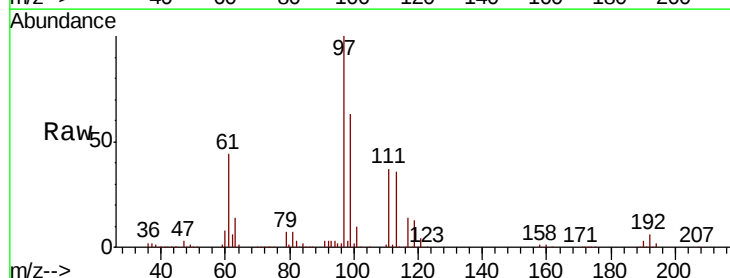
Tgt Ion: 97 Resp: 358414

Ion Ratio Lower Upper

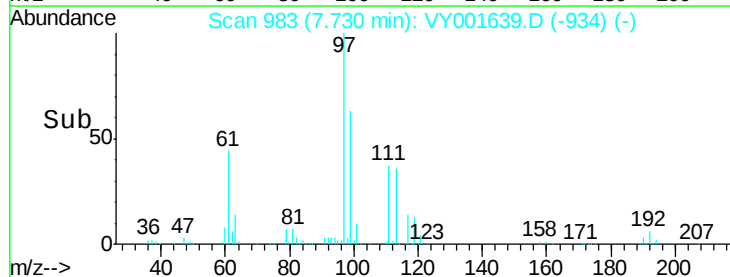
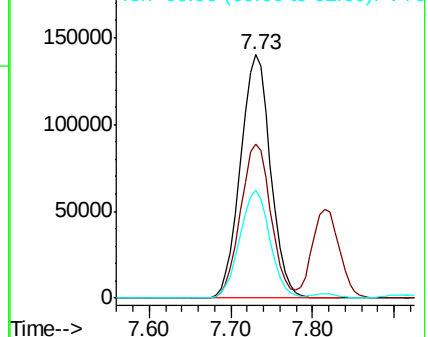
97 100

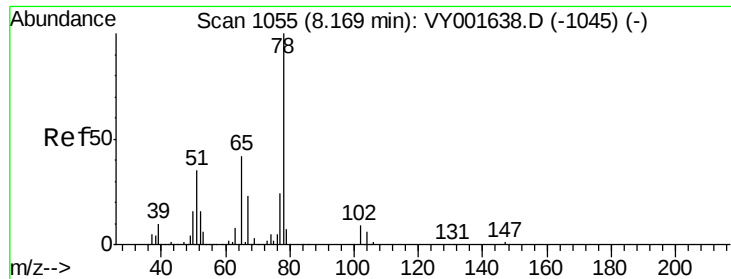
99 64.3 51.3 76.9

61 44.5 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

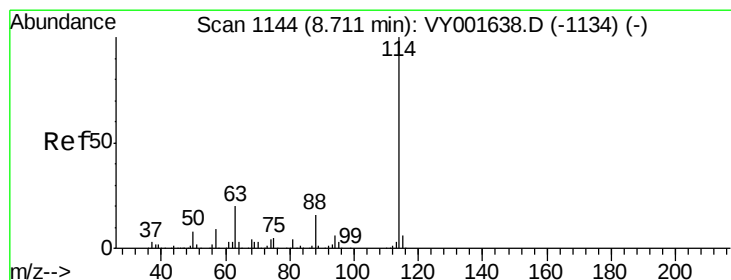
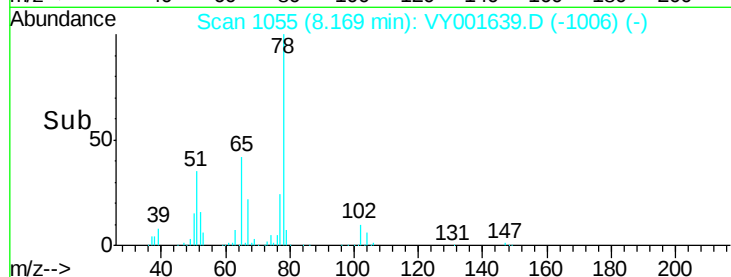
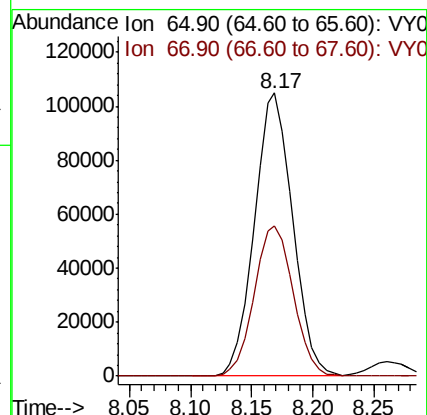
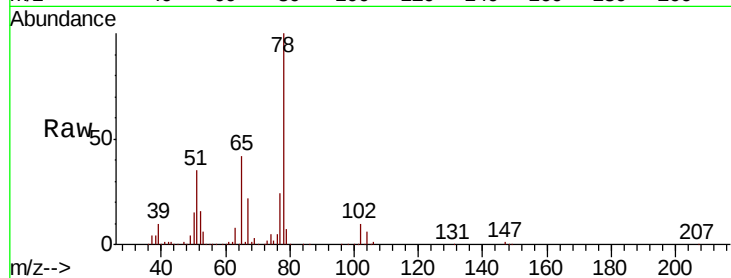




#33
 1,2-Dichloroethane-d4
 Concen: 111.407 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

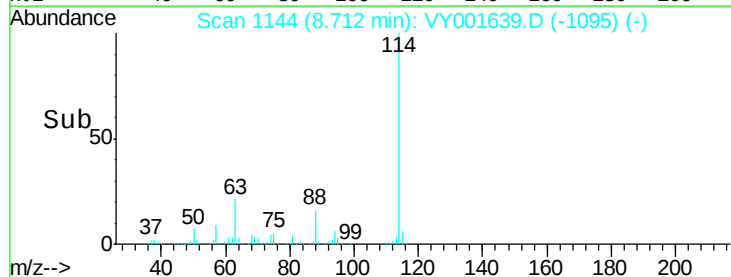
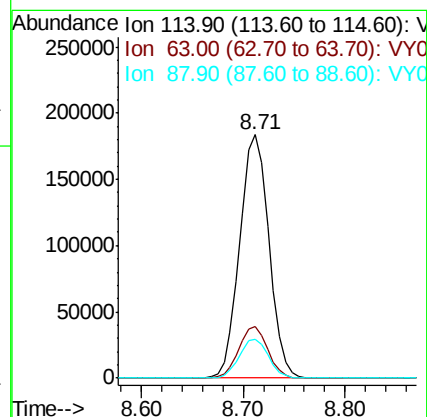
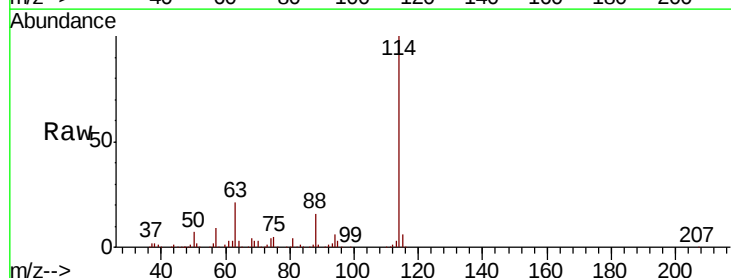
Instrument :
 MSVOA_Y
 ClientSampleId :

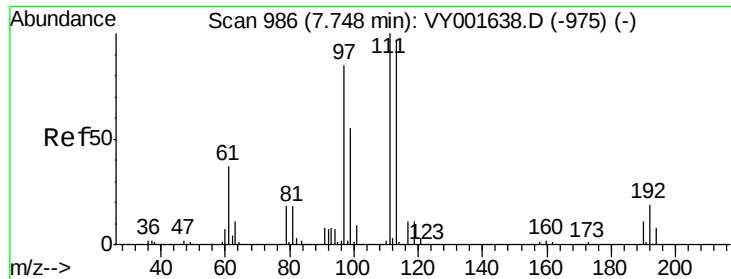
Tot Ion: 65 Resp: 228331
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 114 Resp: 364164
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 15.8 0.0 32.2

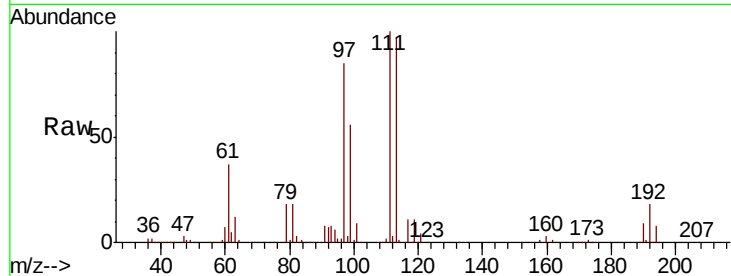




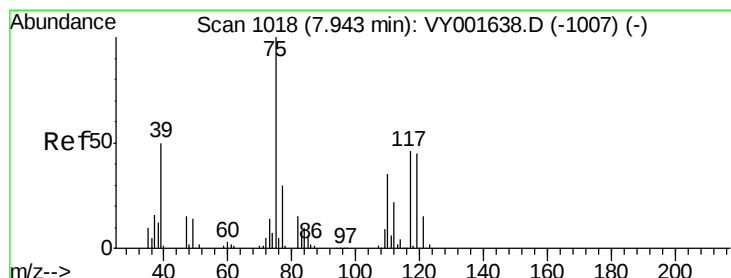
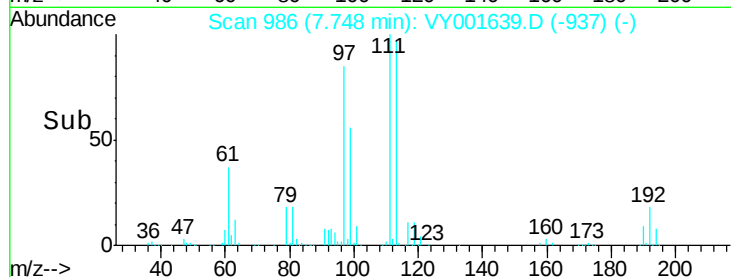
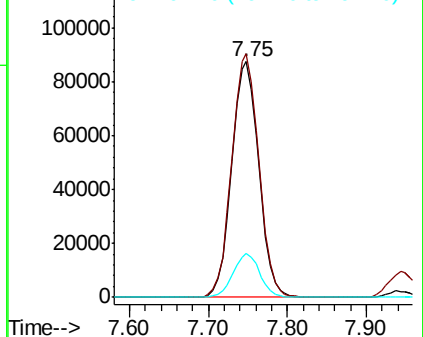
#35
 Dibromofluoromethane
 Concen: 99.701 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 208528
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 18.2 15.2 22.8

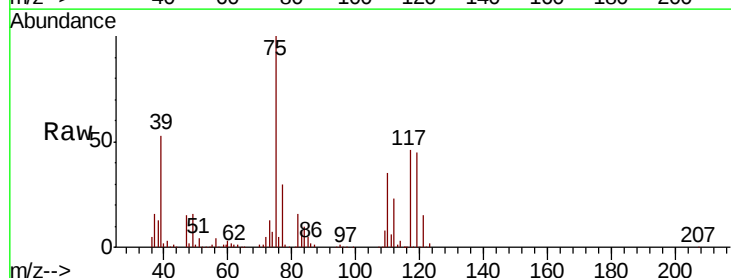


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

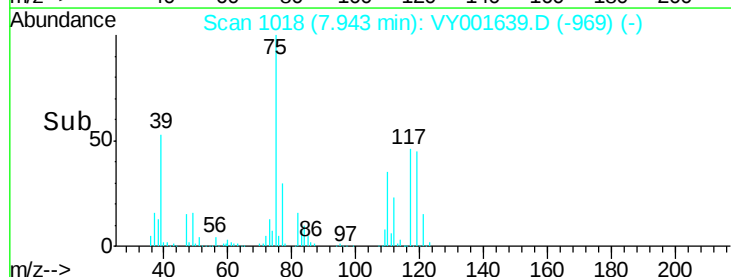
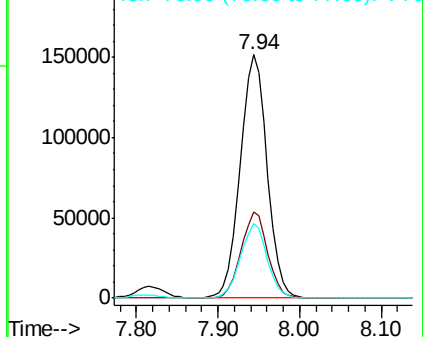


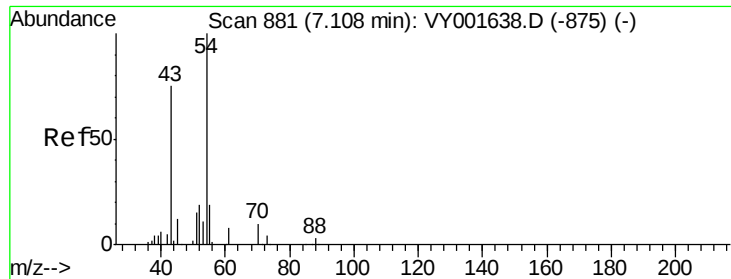
#36
 1,1-Dichloropropene
 Concen: 103.505 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 75 Resp: 346606
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.6 52.8
 77 30.4 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

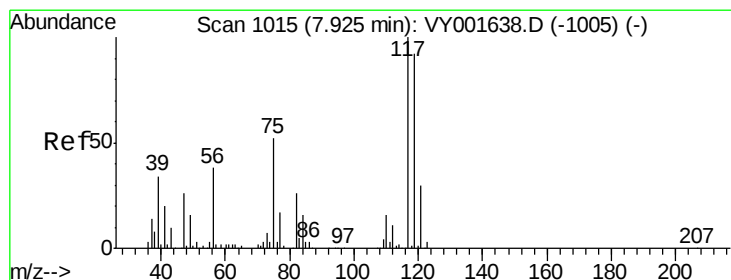
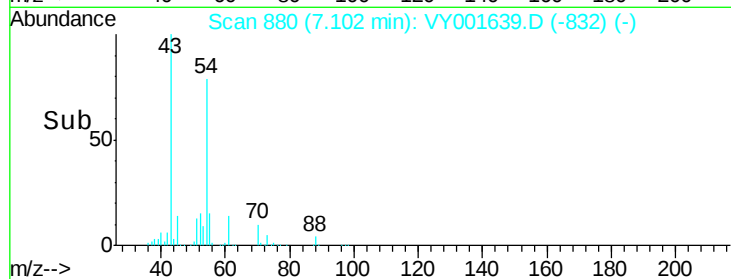
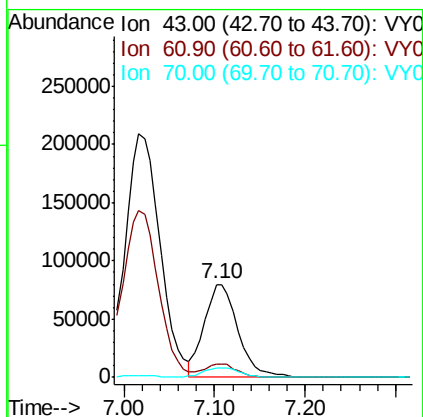
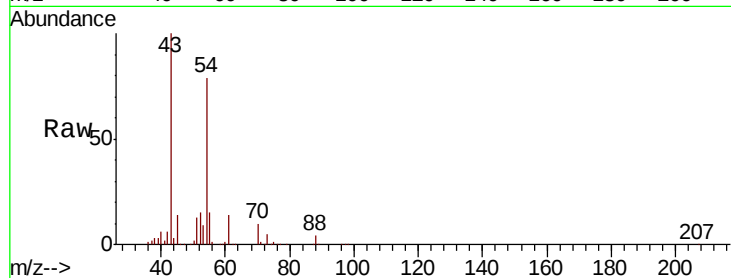




#37
Ethyl Acetate
Concen: 121.925 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

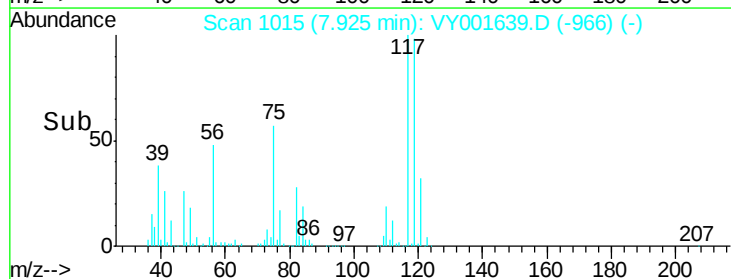
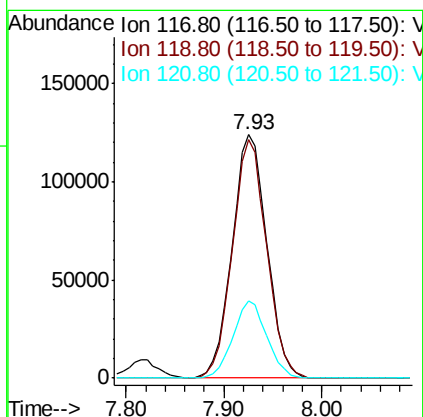
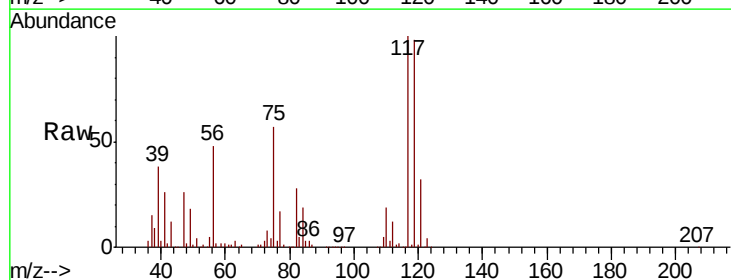
Instrument :
MSVOA_Y
ClientSampleId :

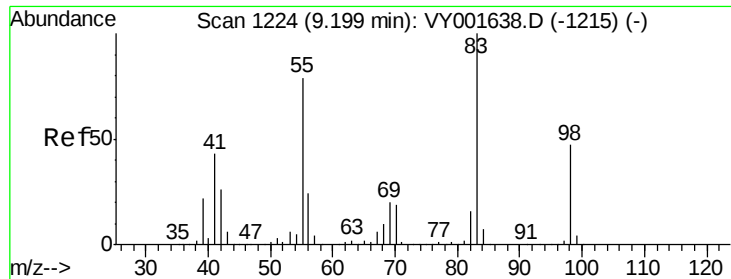
Tot Ion: 43 Resp: 207627
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 11.0 8.6 12.8



#38
Carbon Tetrachloride
Concen: 95.729 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 117 Resp: 305323
Ion Ratio Lower Upper
117 100
119 98.2 73.4 110.0
121 31.8 23.7 35.5

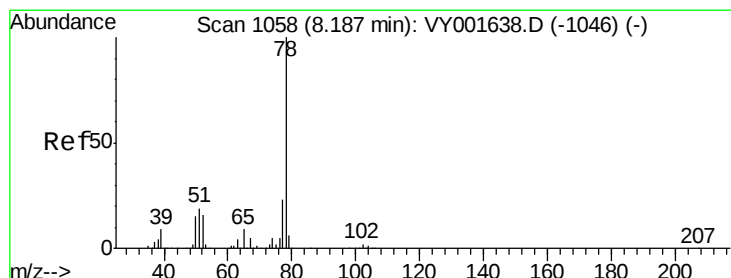
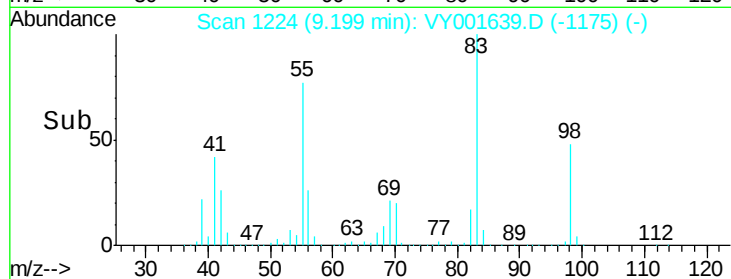
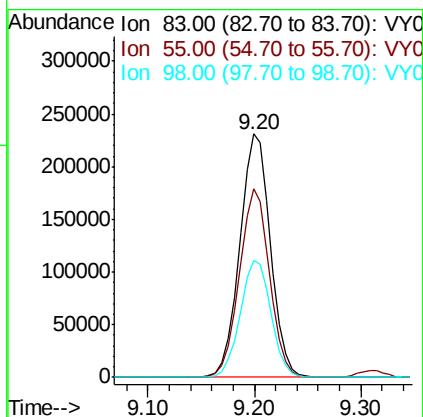
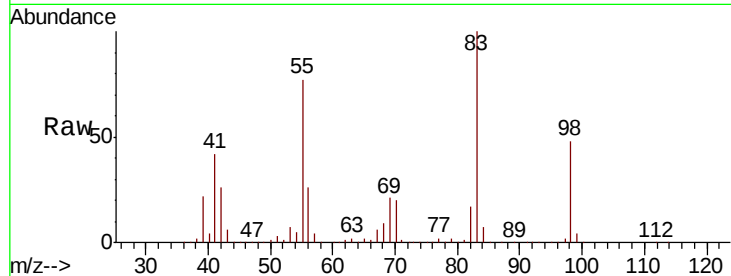




#39
Methvlcvclohexane
Concen: 105.773 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

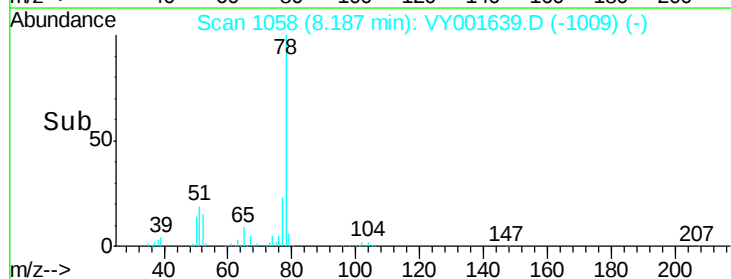
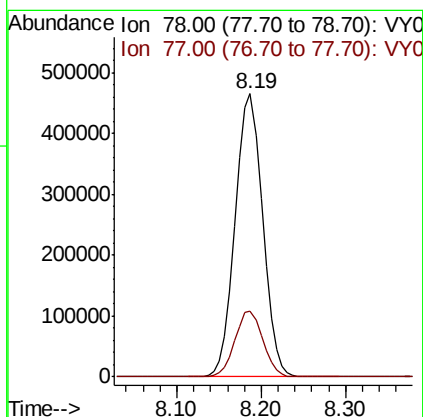
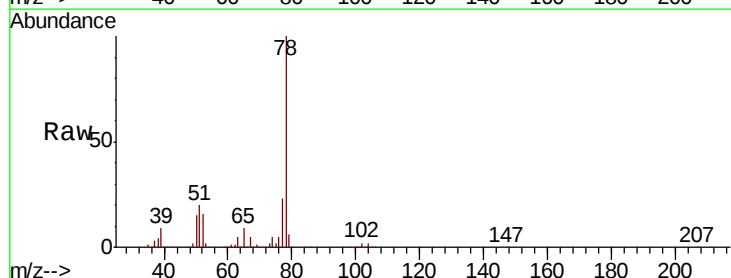
Instrument :
MSVOA_Y
ClientSampleId :

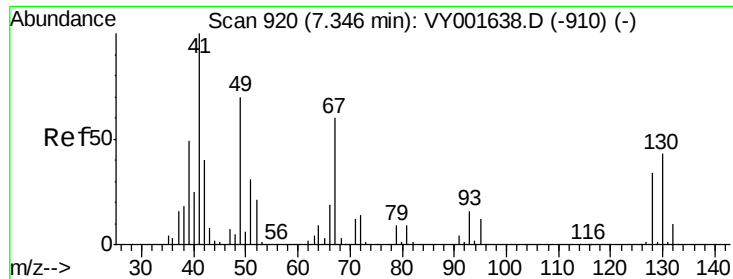
Tot Ion	83.00	Resp	465789
Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.3	94.9
98	48.0	37.9	56.9



#40
Benzene
Concen: 106.715 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion	78.00	Resp	1024913
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0

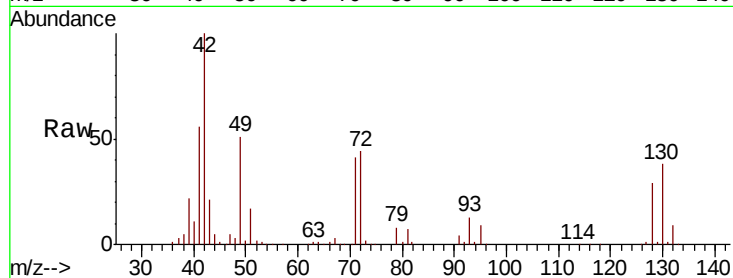




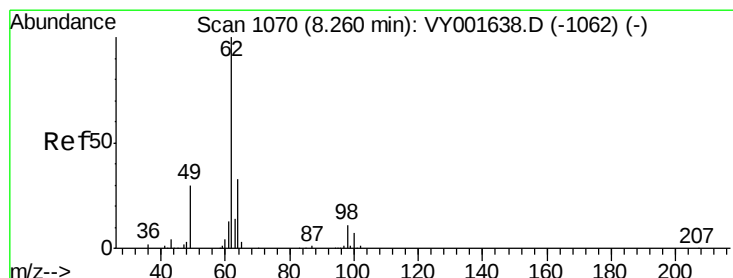
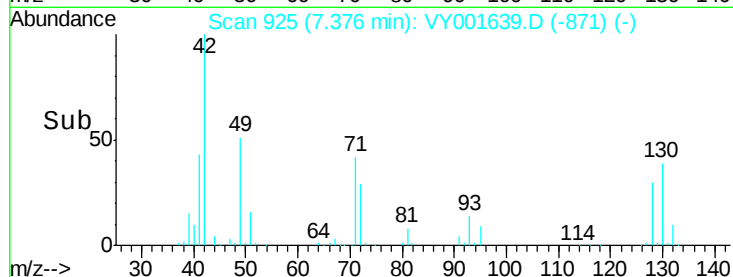
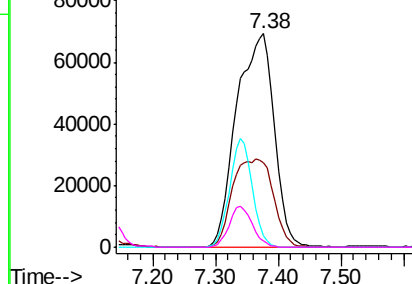
#41
Methacrylonitrile
Concen: 375.605 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 286380
Ion Ratio Lower Upper
41 100
39 44.8 114.2 171.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

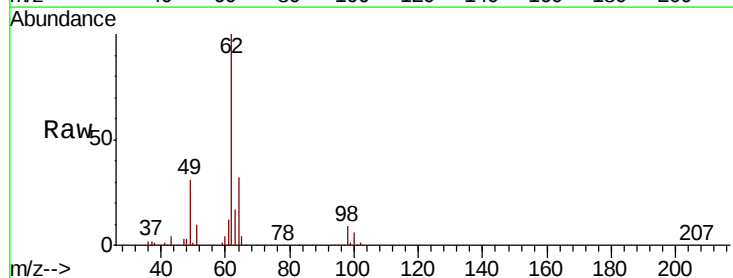


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

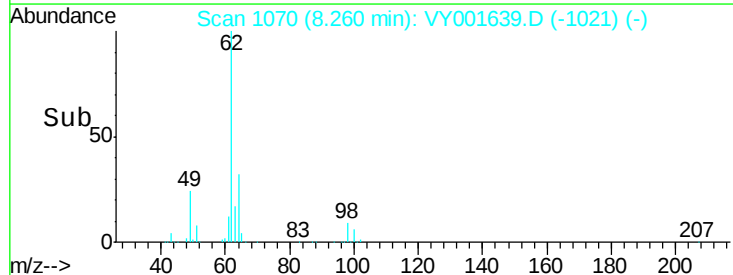
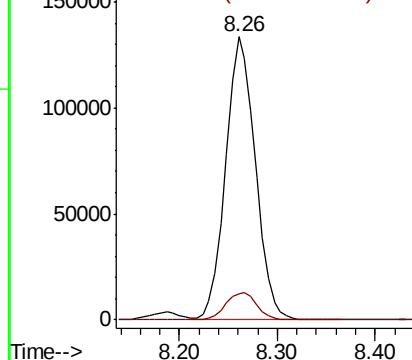


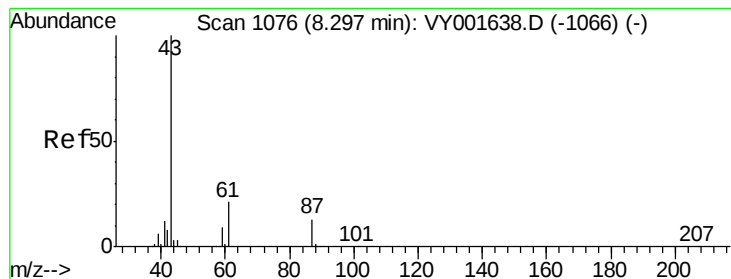
#42
1,2-Dichloroethane
Concen: 104.857 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 62 Resp: 280984
Ion Ratio Lower Upper
62 100
98 10.1 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 120.653 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

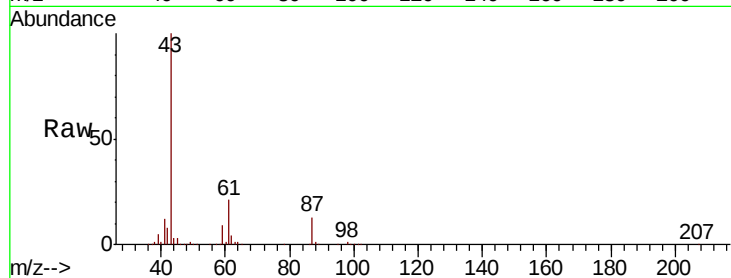
Tot Ion: 43 Resp: 405340

Ion Ratio Lower Upper

43 100

61 28.9 23.0 34.4

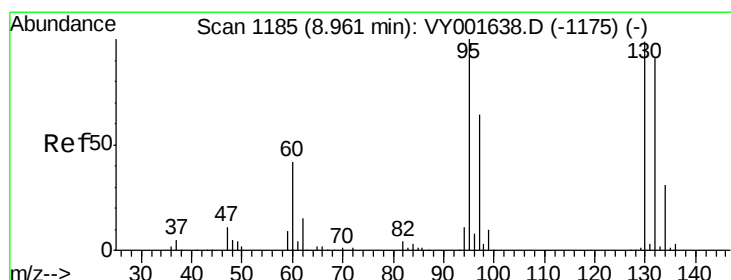
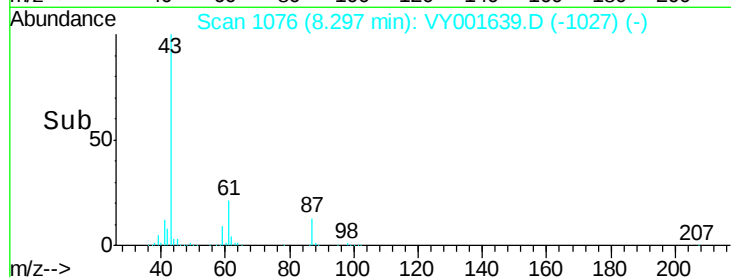
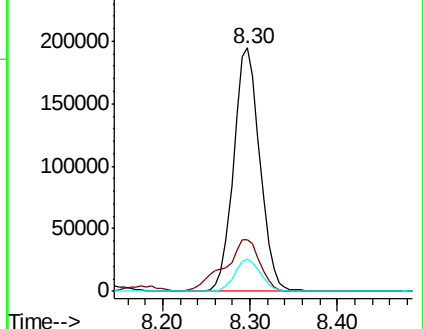
87 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VY001639.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001639.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001639.D (-1066) (-)



#44

Trichloroethene

Concen: 98.602 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001639.D

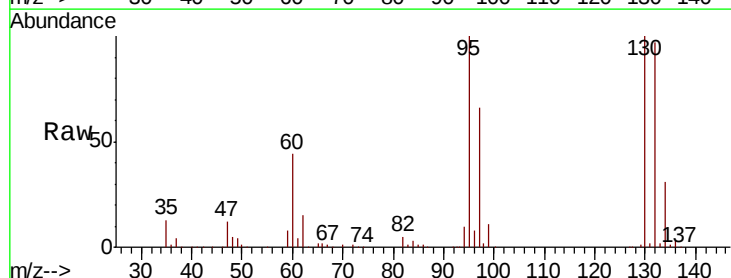
Acq: 17 Feb 2020 11:29

Tgt Ion:130 Resp: 252034

Ion Ratio Lower Upper

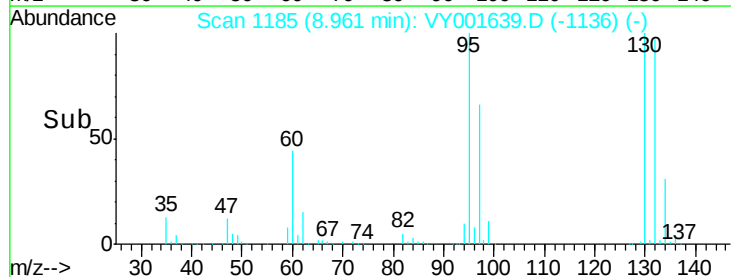
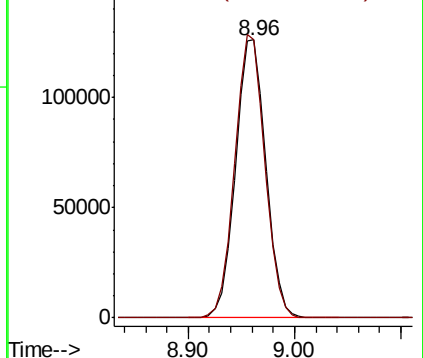
130 100

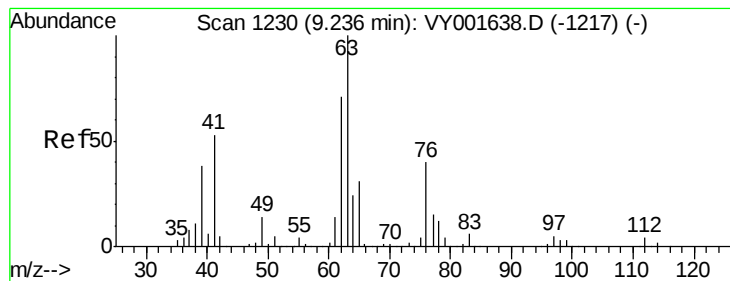
95 100.1 0.0 203.0



Abundance Ion 129.80 (129.50 to 130.50): VY001639.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001639.D (-1136) (-)





#45

1,2-Dichloropropane

Concen: 110.721 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

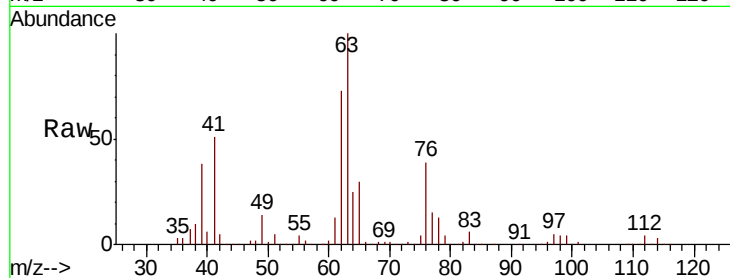
ClientSampled :

Tot Ion: 63 Resp: 258692

Ion Ratio Lower Upper

63 100

65 30.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

150000

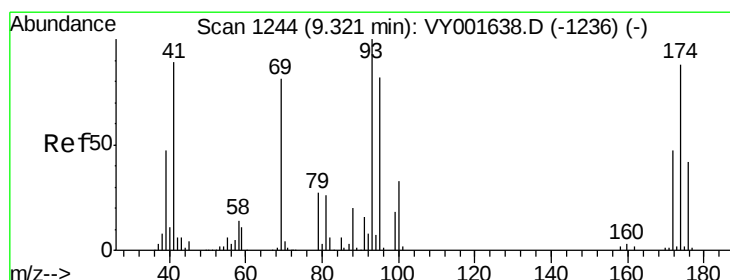
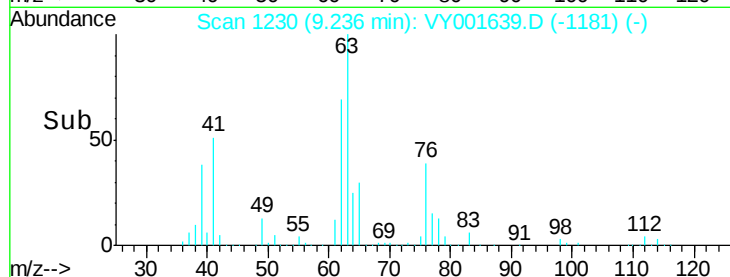
100000

50000

0

9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 103.906 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

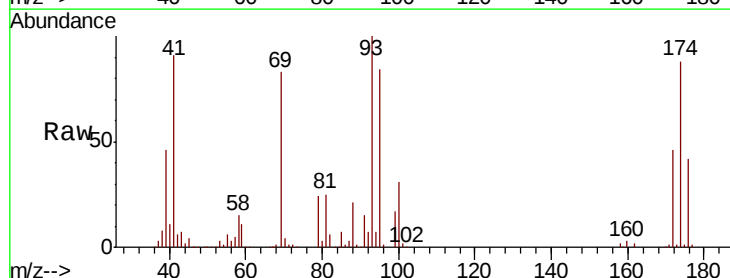
Tgt Ion: 93 Resp: 135167

Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 91.8 74.1 111.1



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0

80000

60000

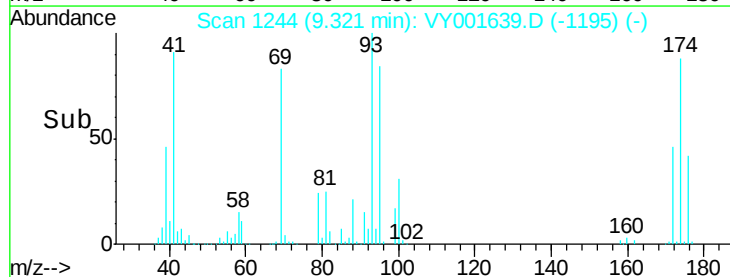
40000

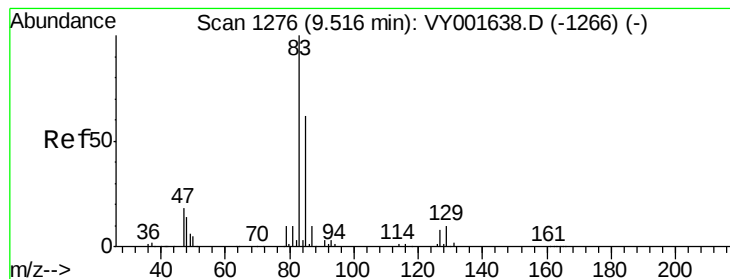
20000

0

9.25 9.30 9.35 9.40

Time-->





#47

Bromodichloromethane

Concen: 103.365 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

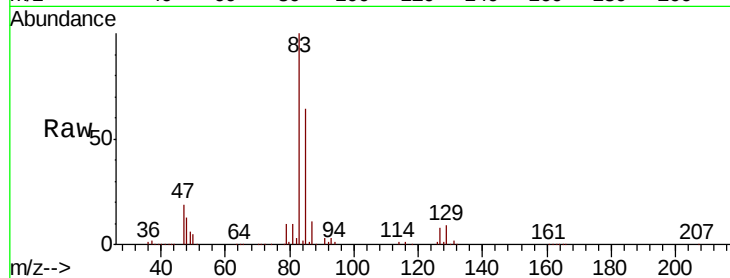
Tot Ion: 83 Resp: 326098

Ion Ratio Lower Upper

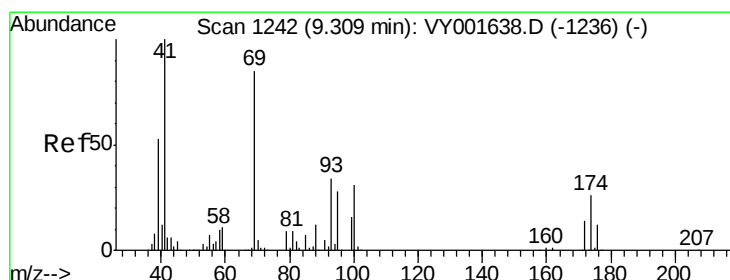
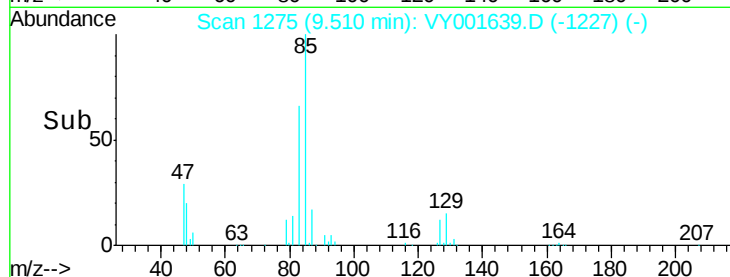
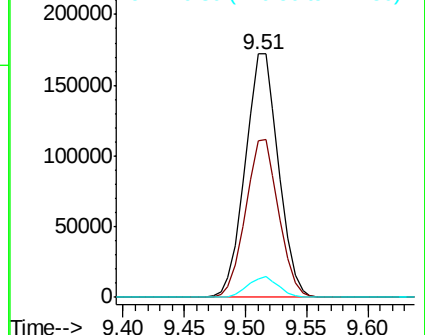
83 100

85 64.3 50.0 75.0

127 7.7 6.3 9.5



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



#48

Methyl methacrylate

Concen: 121.424 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

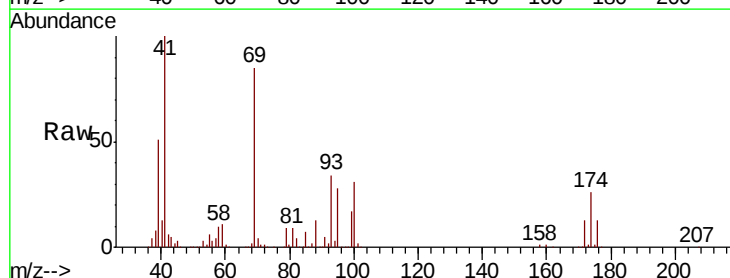
Tgt Ion: 41 Resp: 184719

Ion Ratio Lower Upper

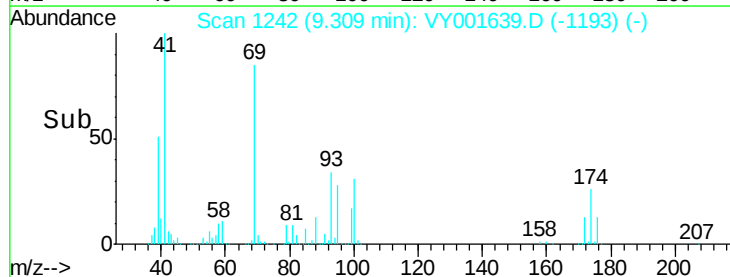
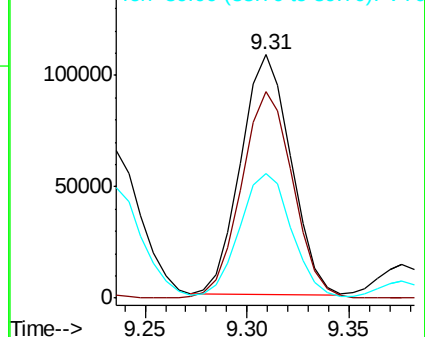
41 100

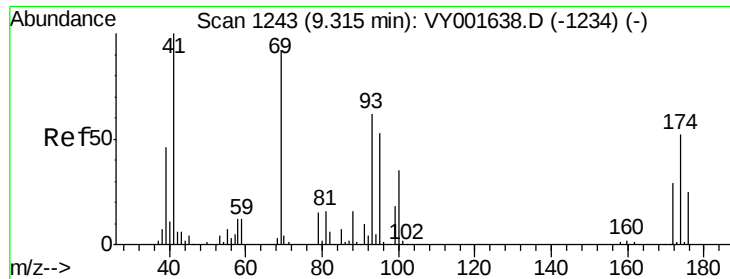
69 87.9 69.5 104.3

39 54.3 41.8 62.6



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





#49

1,4-Dioxane

Concen: 2247.926 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

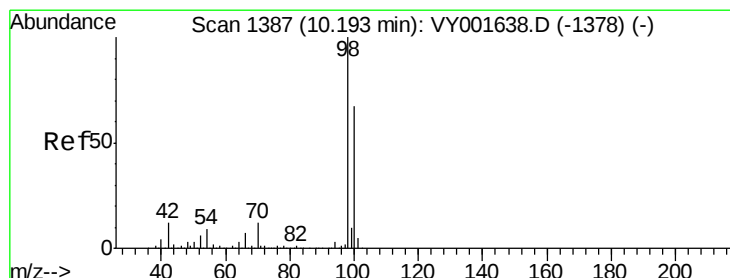
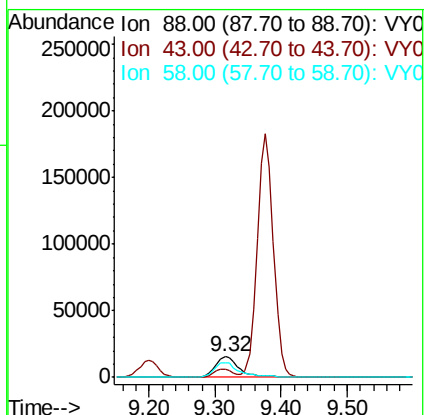
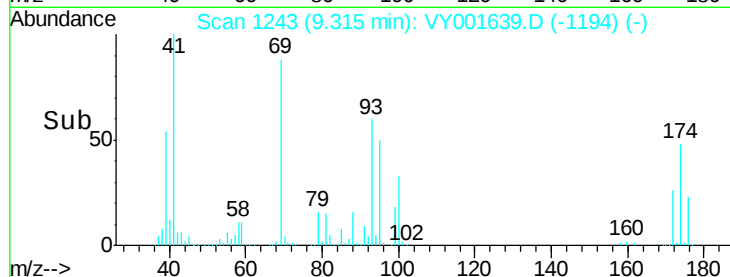
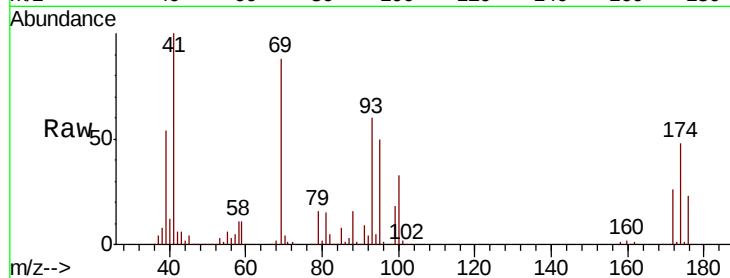
Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 39386

Ion	Ratio	Lower	Upper
88	100		
43	31.1	27.6	41.4
58	74.4	60.4	90.6



#50

Toluene-d8

Concen: 110.114 ug/l

RT: 10.19 min Scan# 1387

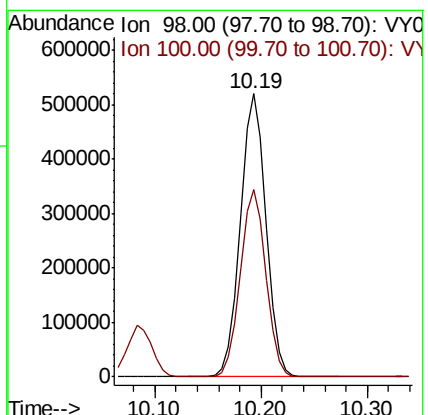
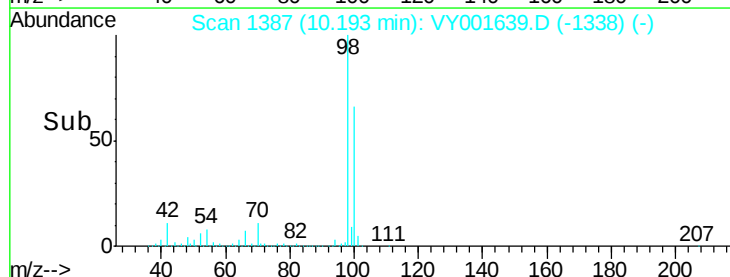
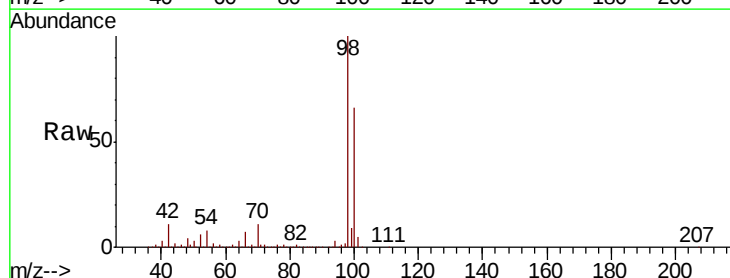
Delta R.T. 0.00 min

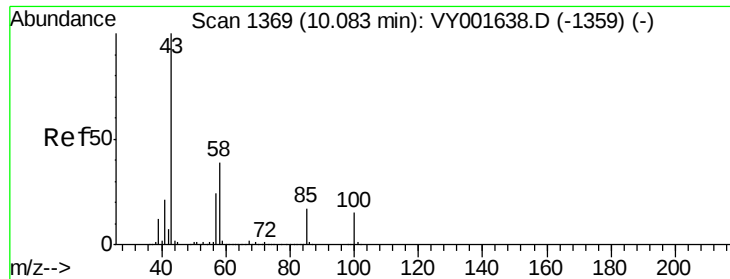
Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Tgt Ion: 98 Resp: 876873

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8

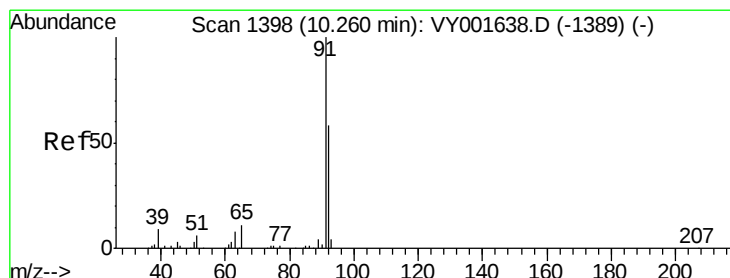
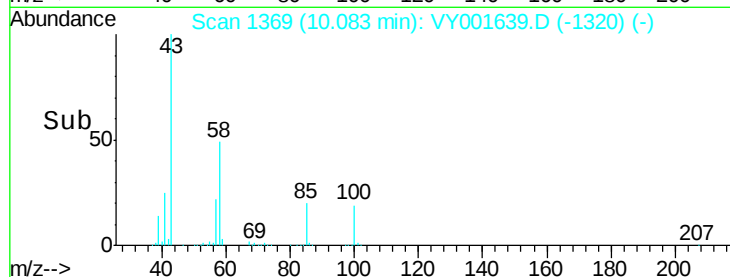
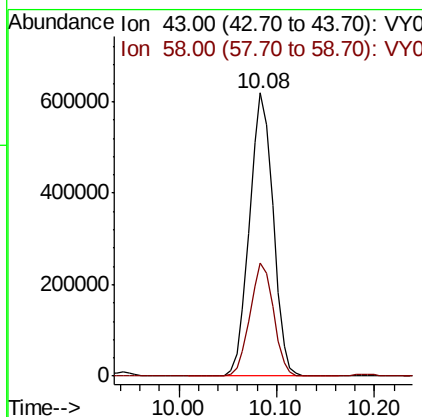
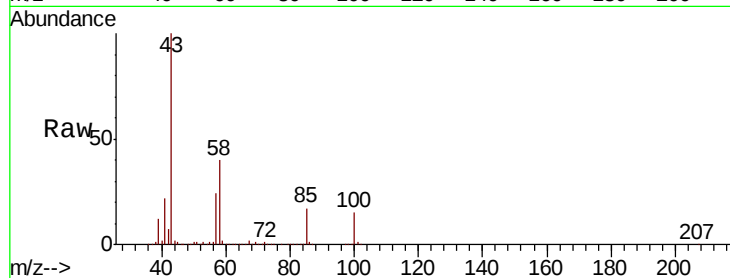




#51
4-Methyl-2-Pentanone
Concen: 623.346 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

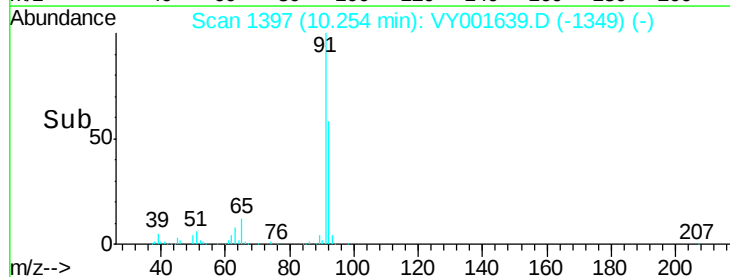
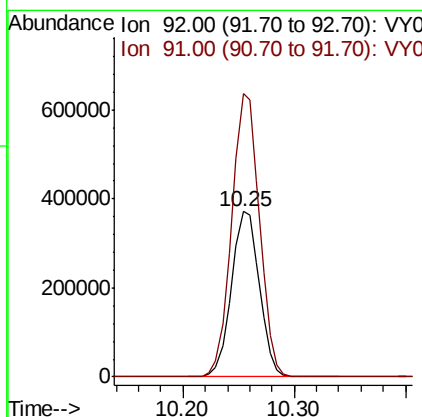
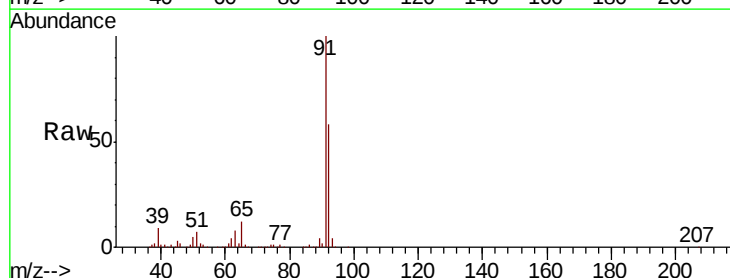
Instrument :
MSVOA_Y
ClientSampleId :

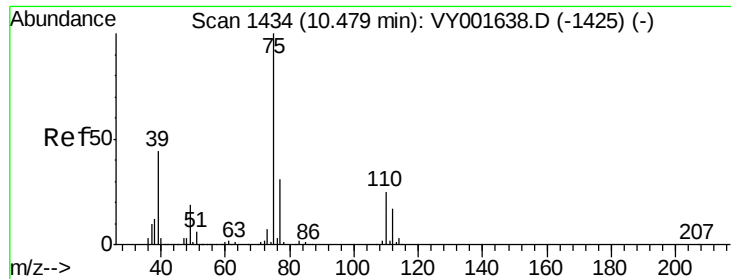
Tot Ion: 43 Resp: 1042940
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.2



#52
Toluene
Concen: 105.455 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 92 Resp: 642710
Ion Ratio Lower Upper
92 100
91 170.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 107.181 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

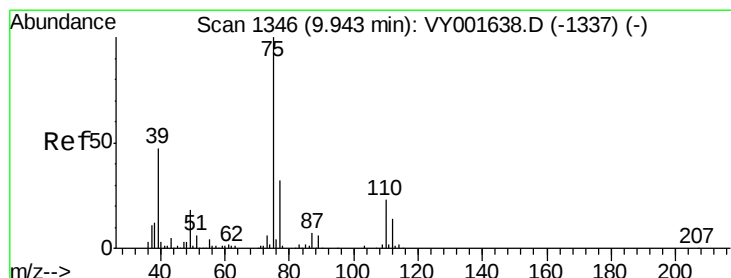
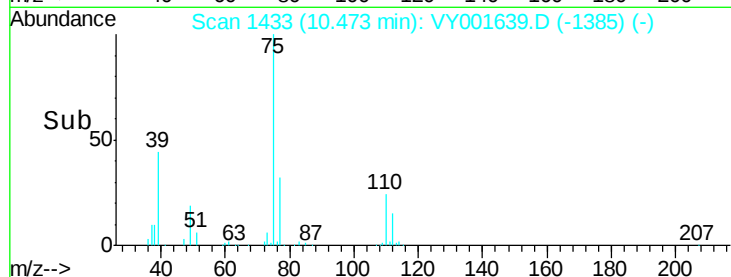
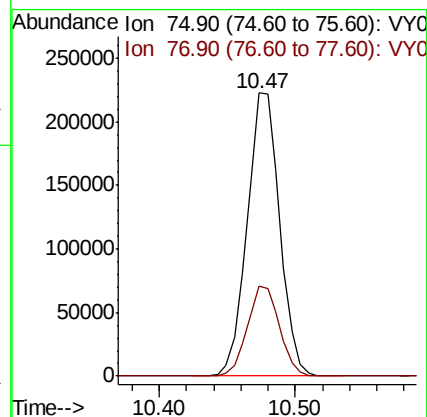
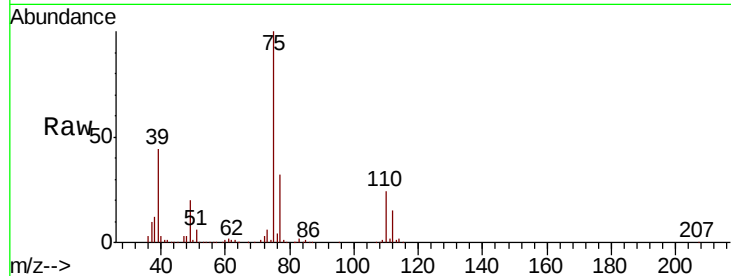
ClientSampled :

Tot Ion: 75 Resp: 371759

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 107.180 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

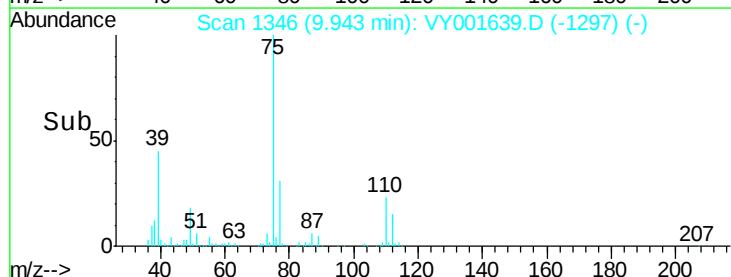
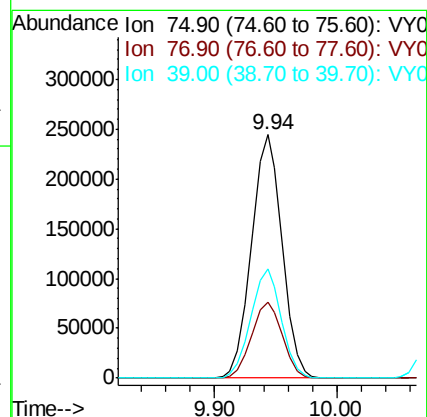
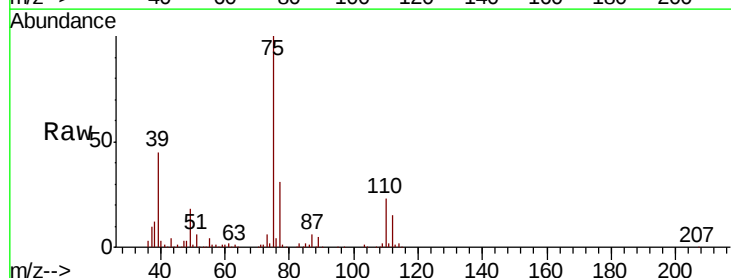
Tgt Ion: 75 Resp: 424334

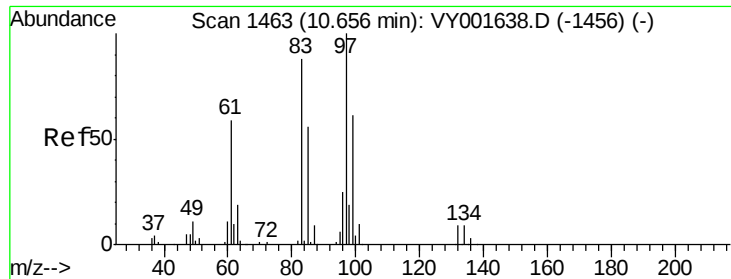
Ion Ratio Lower Upper

75 100

77 31.1 25.9 38.9

39 45.0 37.3 55.9

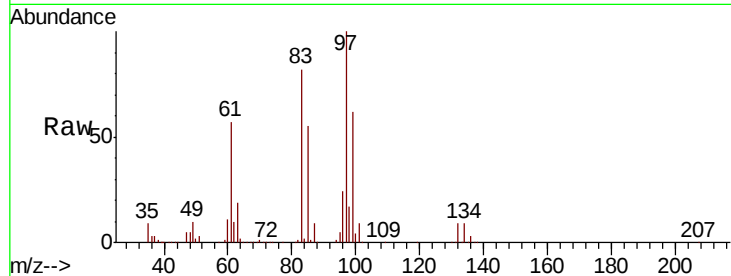




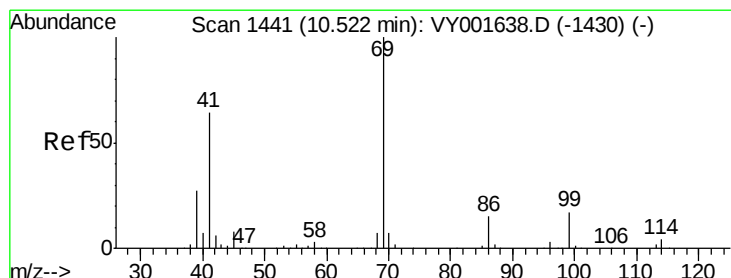
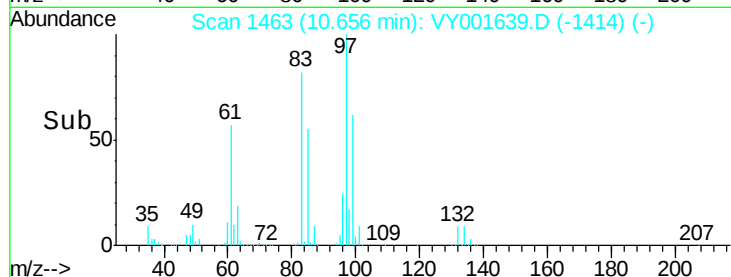
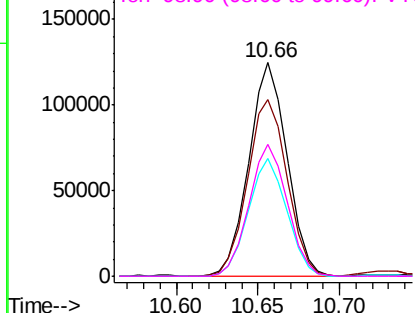
#55
 1,1,2-Trichloroethane
 Concen: 107.999 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 202910
 Ion Ratio Lower Upper
 97 100
 83 82.5 70.3 105.5
 85 55.1 44.6 66.8
 99 61.8 49.0 73.6

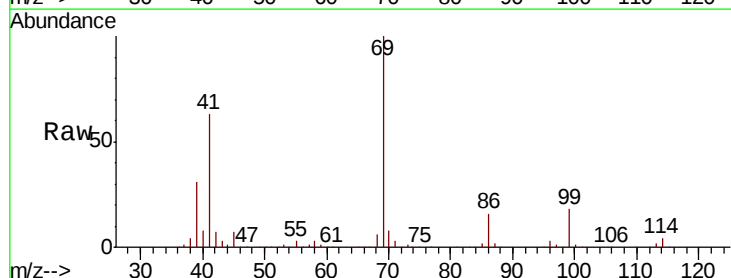


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

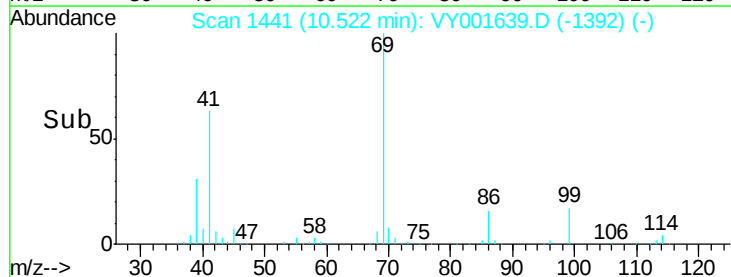
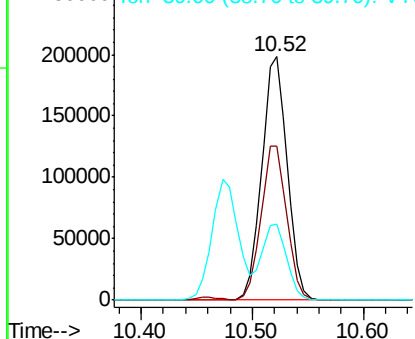


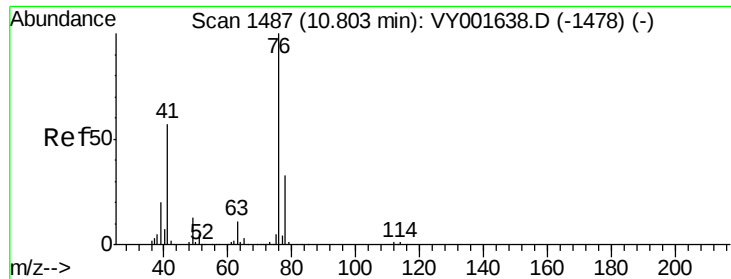
#56
 Ethyl methacrylate
 Concen: 116.973 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 69 Resp: 316856
 Ion Ratio Lower Upper
 69 100
 41 63.7 51.9 77.9
 39 31.1 26.9 40.3



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





#57

1,3-Dichloropropane

Concen: 106.172 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

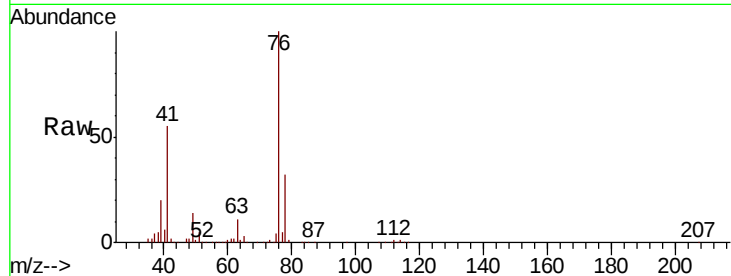
ClientSampleId :

Tot Ion: 76 Resp: 352799

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

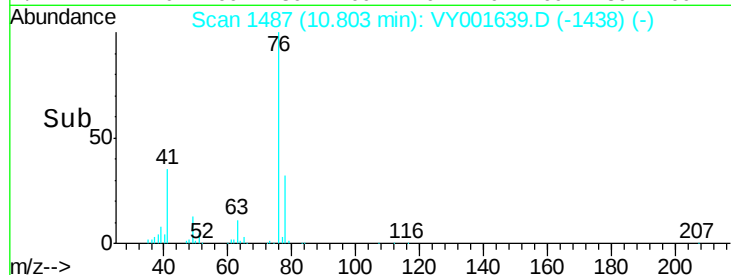
150000

100000

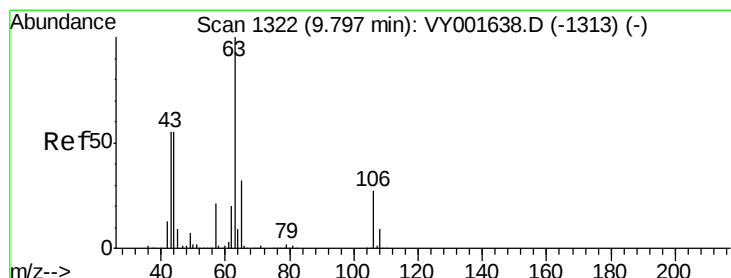
50000

0

Time-->



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 567.133 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY001639.D

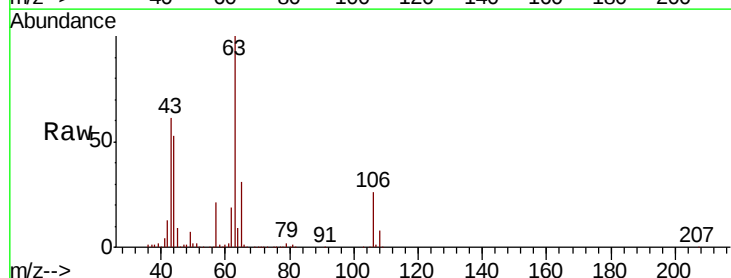
Acq: 17 Feb 2020 11:29

Tgt Ion: 63 Resp: 555520

Ion Ratio Lower Upper

63 100

106 26.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

400000

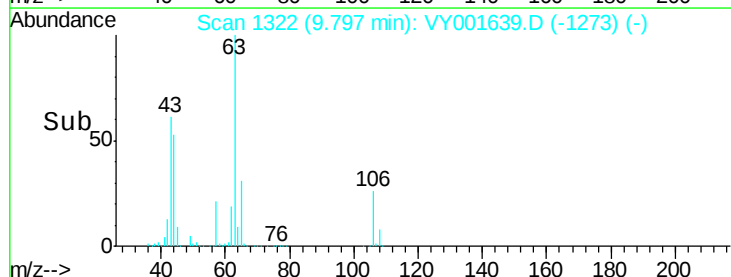
300000

200000

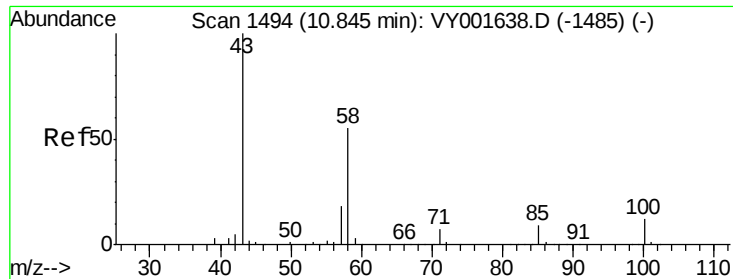
100000

0

Time-->



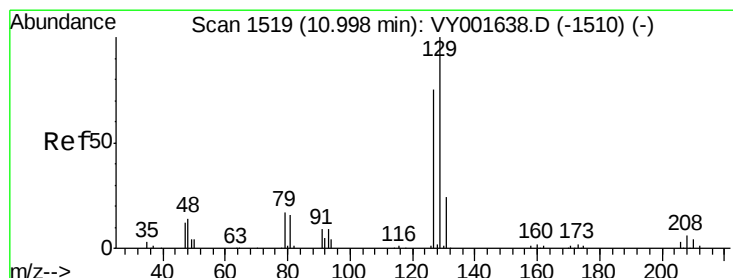
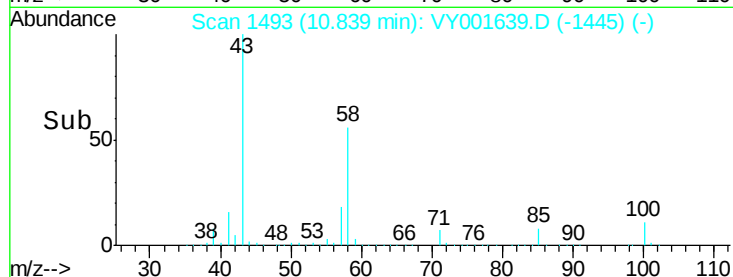
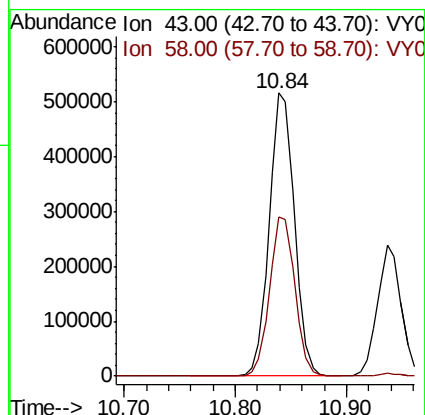
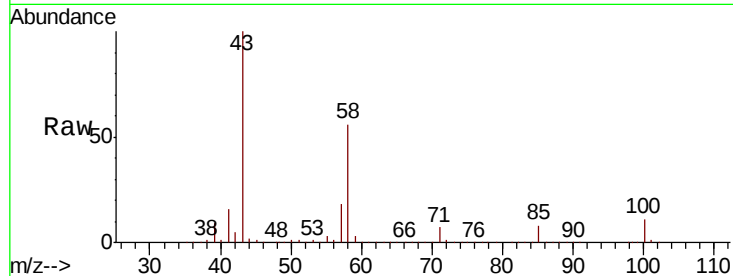
Time-->



#59
2-Hexanone
Concen: 659.254 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

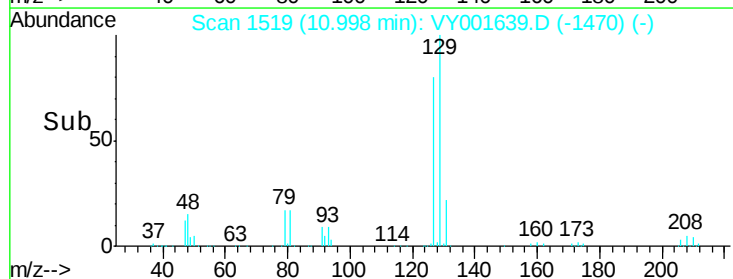
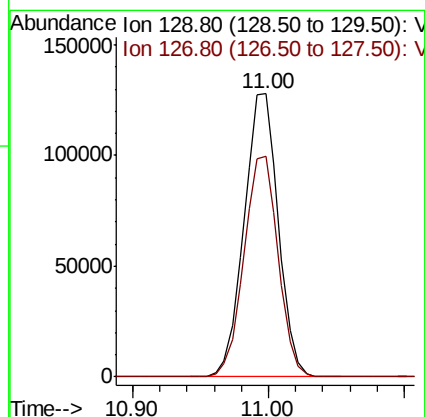
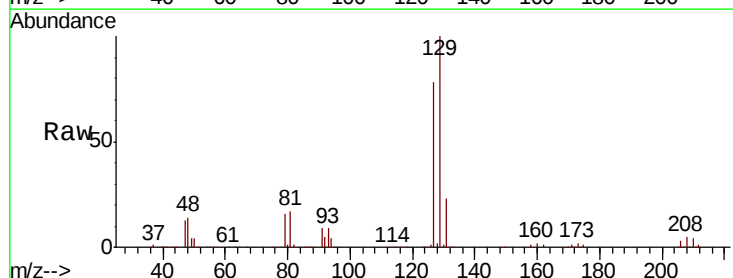
Instrument :
MSVOA_Y
ClientSampled :

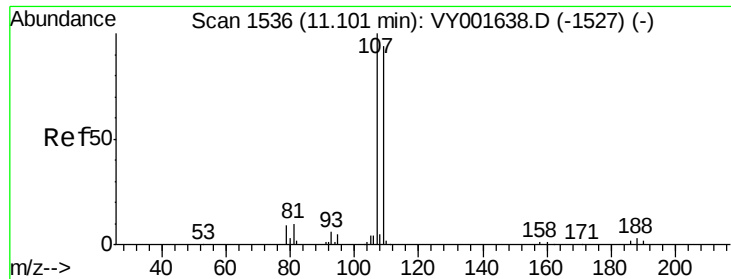
Tot Ion: 43 Resp: 814166
Ion Ratio Lower Upper
43 100
58 56.6 27.8 83.3



#60
Dibromochloromethane
Concen: 102.693 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 129 Resp: 224907
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

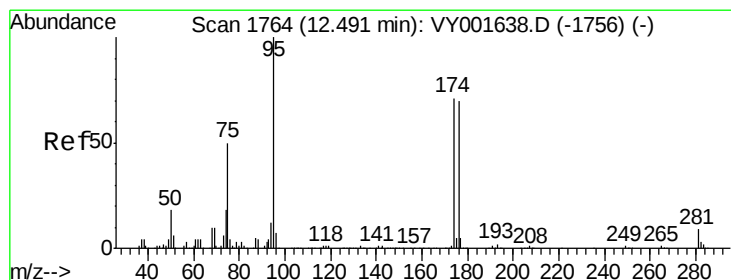
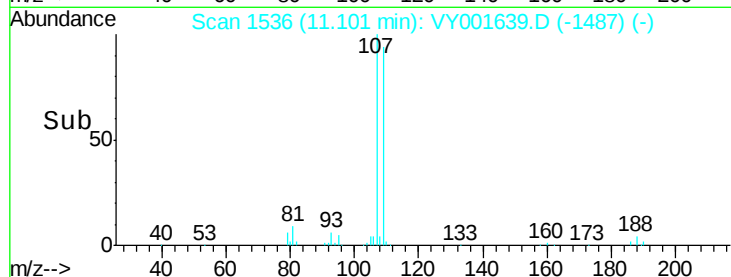
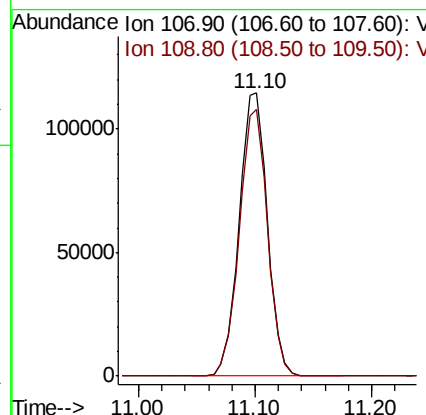
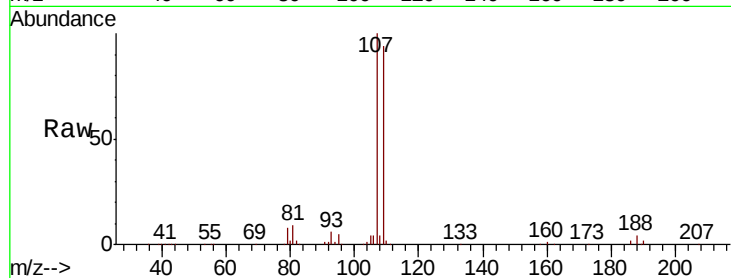




#61
 1,2-Dibromoethane
 Concen: 105.033 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

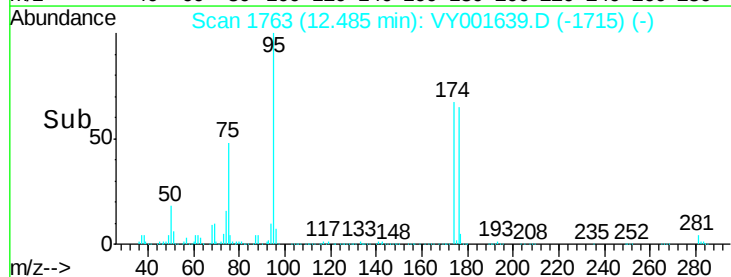
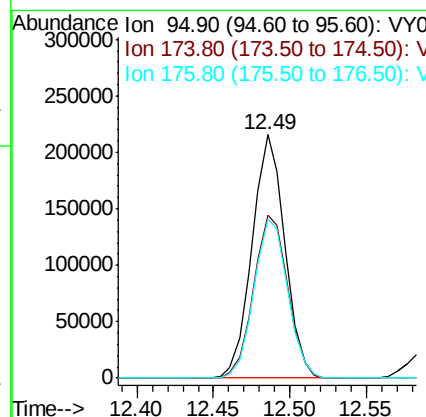
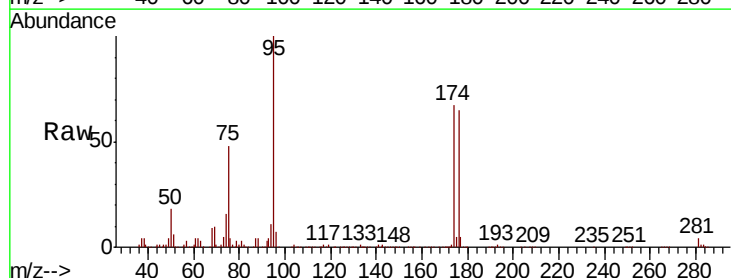
Instrument :
 MSVOA_Y
 ClientSampleId :

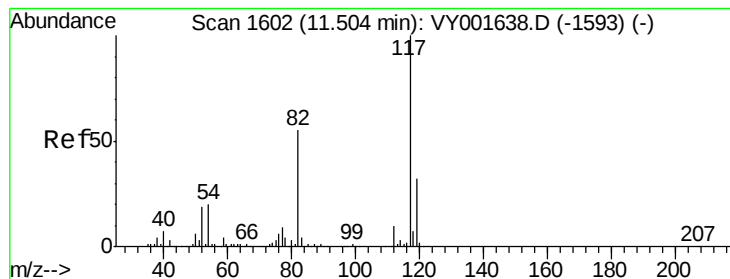
Tot Ion: 107 Resp: 193255
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 102.350 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 95 Resp: 321129
 Ion Ratio Lower Upper
 95 100
 174 69.8 0.0 144.4
 176 67.6 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: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampled :

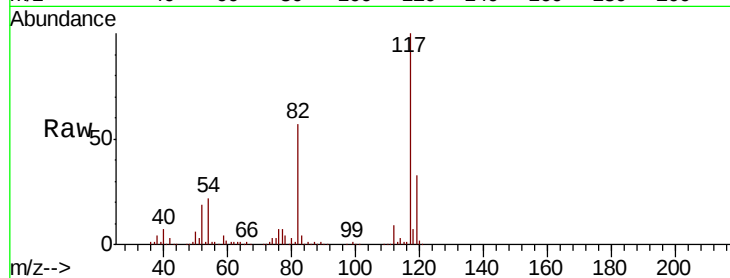
Tot Ion:117 Resp: 328793

Ion Ratio Lower Upper

117 100

82 57.0 44.3 66.5

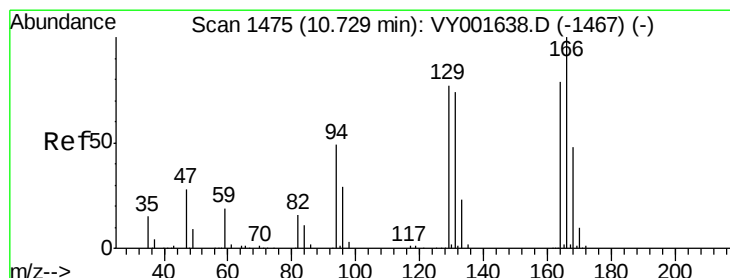
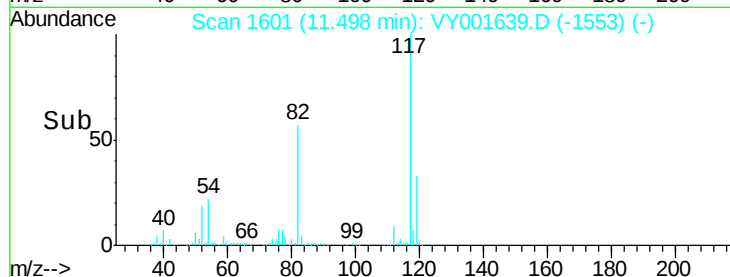
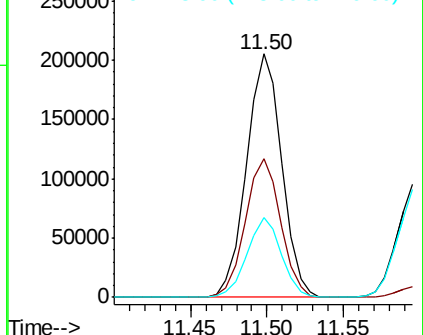
119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 94.241 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Tgt Ion:164 Resp: 200722

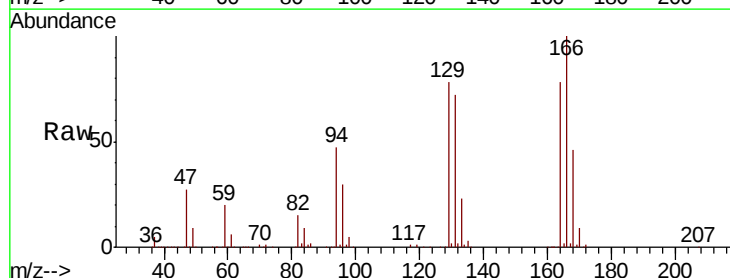
Ion Ratio Lower Upper

164 100

166 127.9 101.7 152.5

129 99.3 78.6 118.0

131 92.7 74.8 112.2

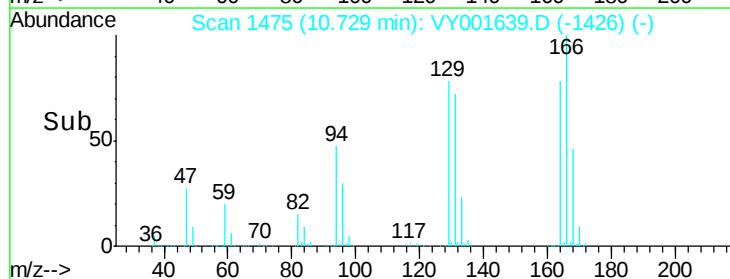
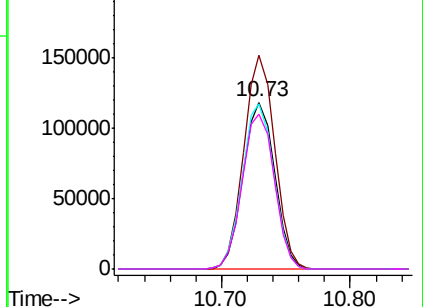


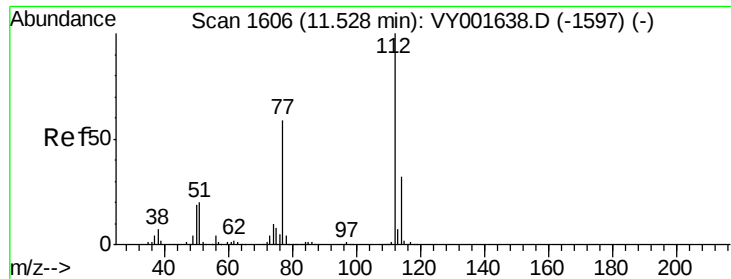
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

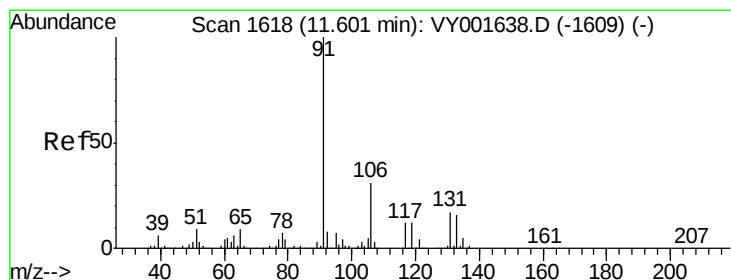
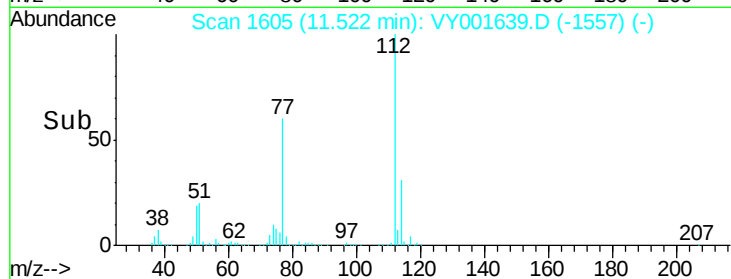
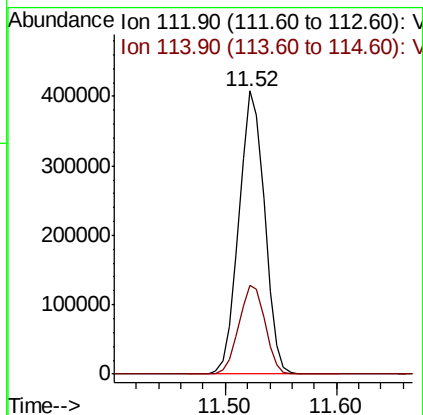
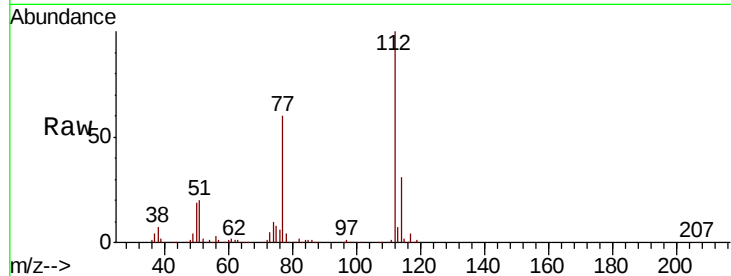




#65
Chlorobenzene
Concen: 100.970 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

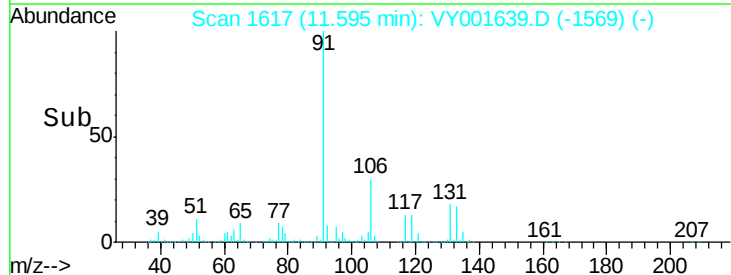
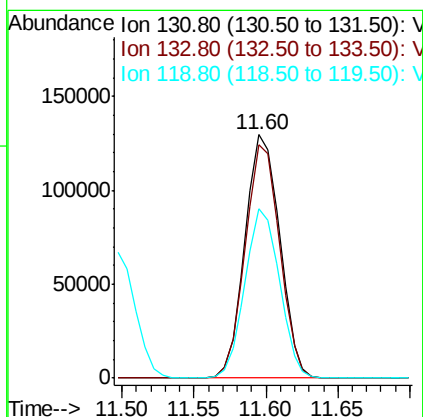
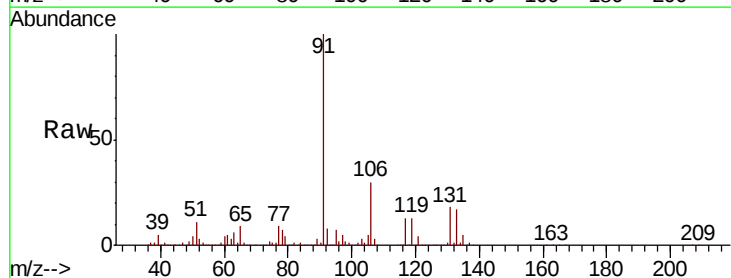
Instrument :
MSVOA_Y
ClientSampleId :

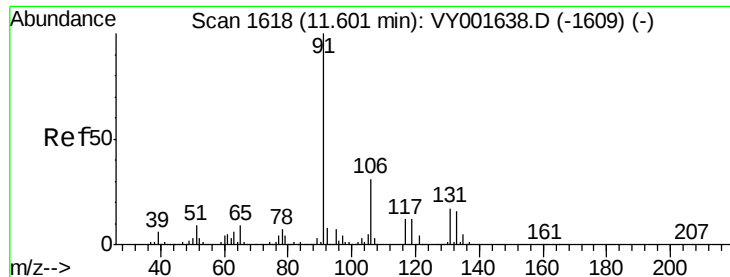
Tot Ion:112 Resp: 650766
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 96.845 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion:131 Resp: 217649
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 69.2 33.9 101.7





#67

Ethyl Benzene

Concen: 101.364 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

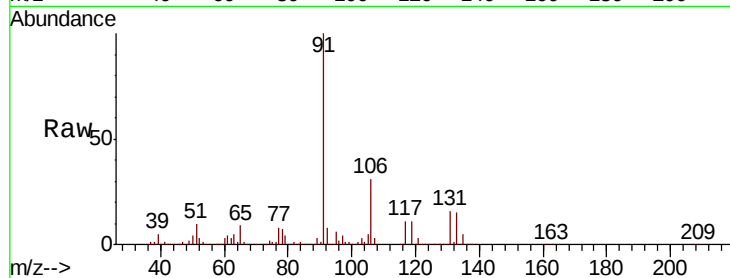
ClientSampled :

Tot Ion: 91 Resp: 1210883

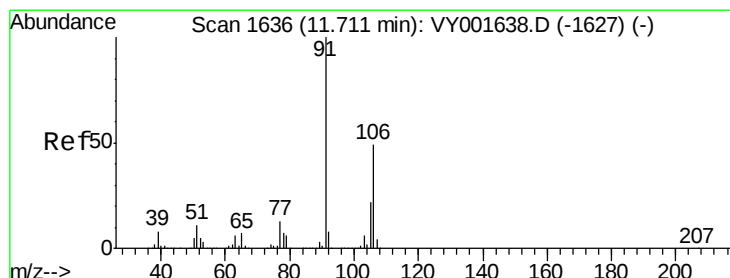
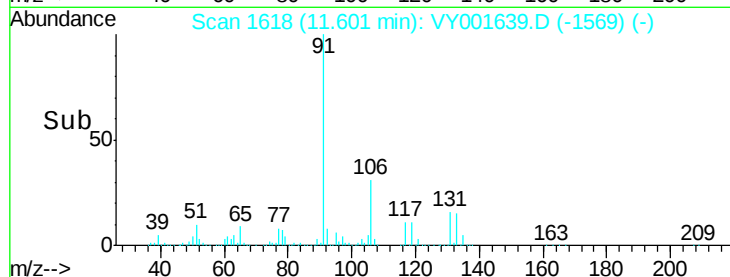
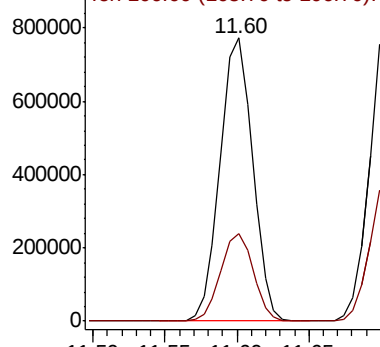
Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 200.713 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001639.D

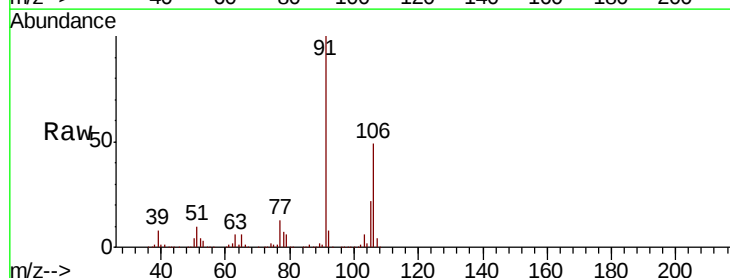
Acq: 17 Feb 2020 11:29

Tgt Ion: 106 Resp: 900593

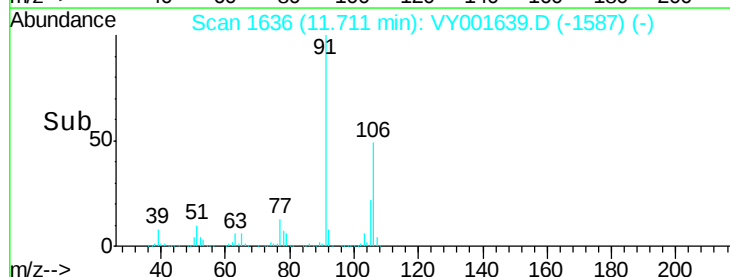
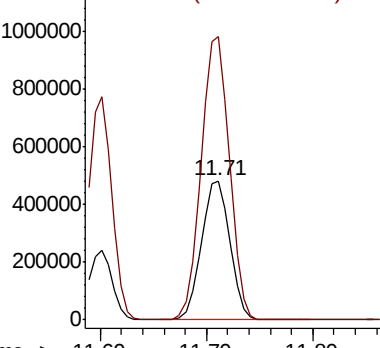
Ion Ratio Lower Upper

106 100

91 203.6 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

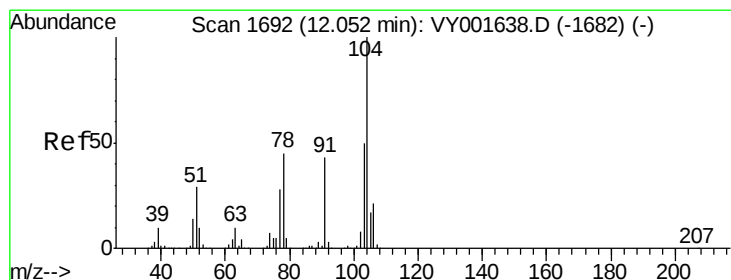
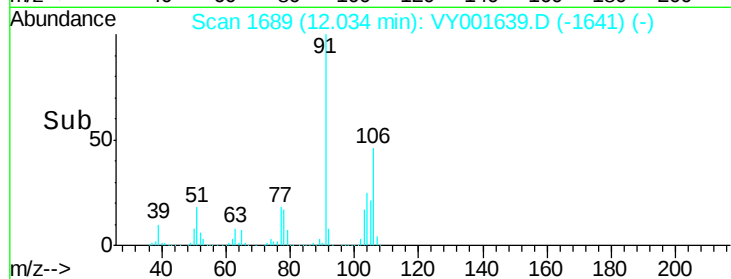
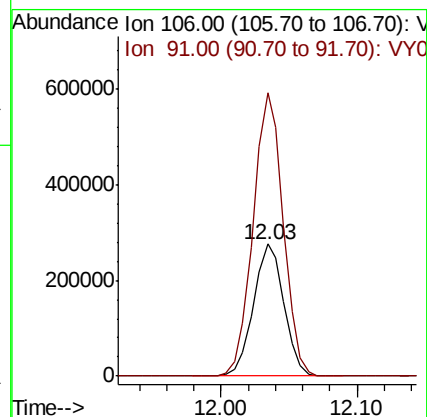
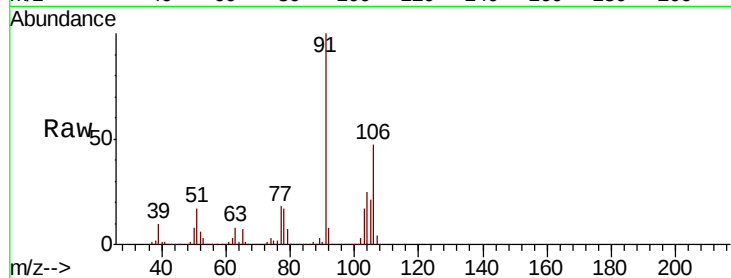




#69
o-Xylene
Concen: 102.075 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

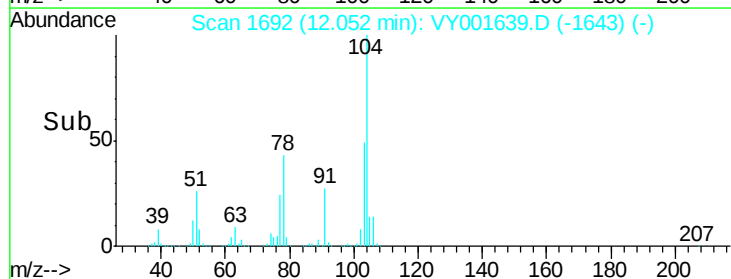
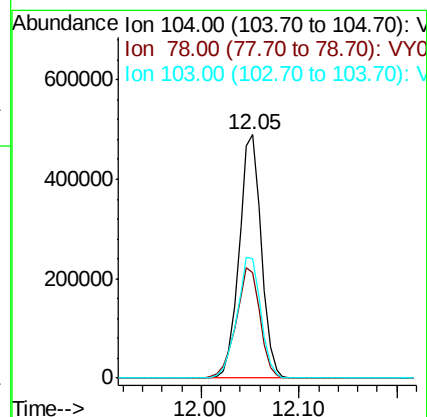
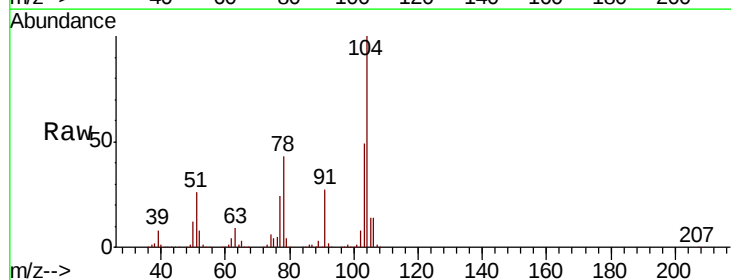
Instrument :
MSVOA_Y
ClientSampleId :

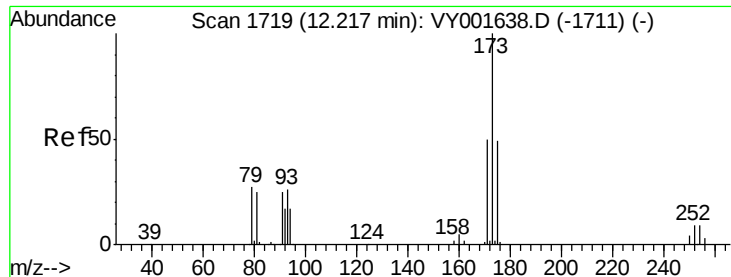
Tot Ion:106 Resp: 432210
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.3



#70
Styrene
Concen: 103.695 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion:104 Resp: 761198
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 53.8 42.8 64.2





#71

Bromoform

Concen: 105.378 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampled :

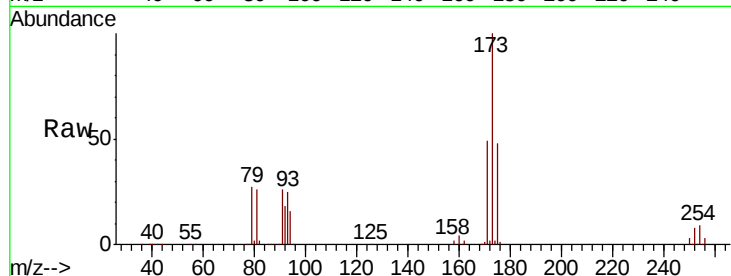
Tot Ion:173 Resp: 133461

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.4

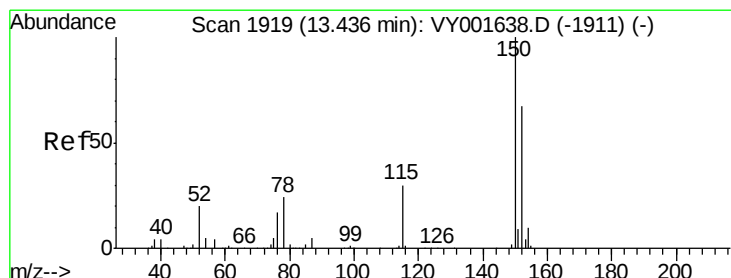
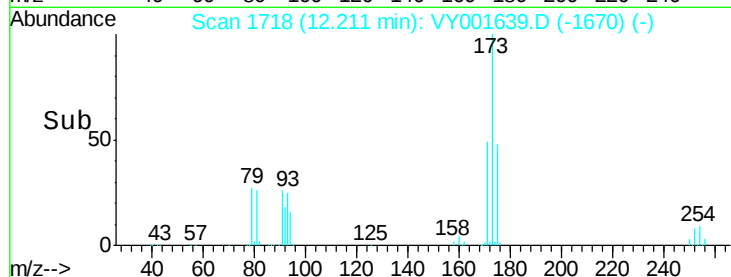
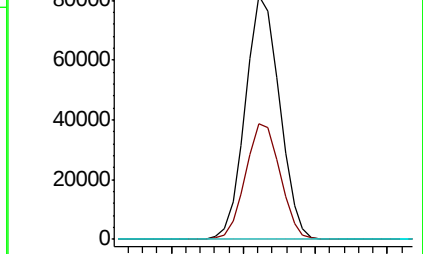
254 0.1 0.0 0.0#



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: VY001639.D

Acq: 17 Feb 2020 11:29

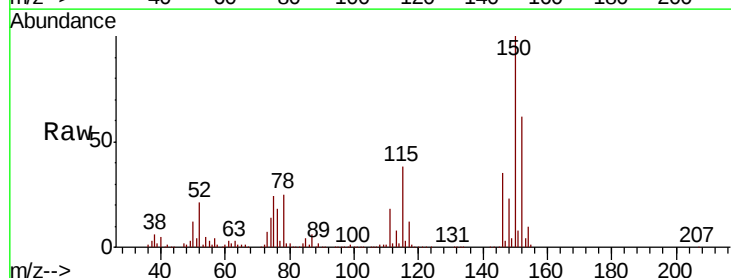
Tgt Ion:152 Resp: 150803

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.8

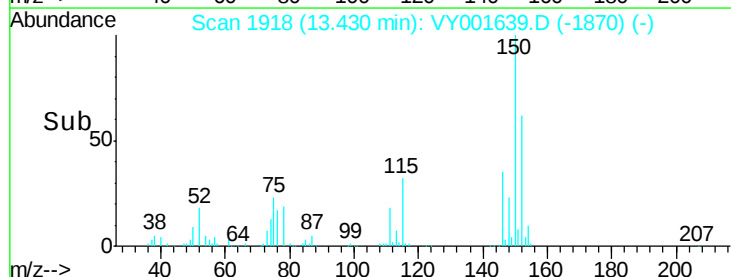
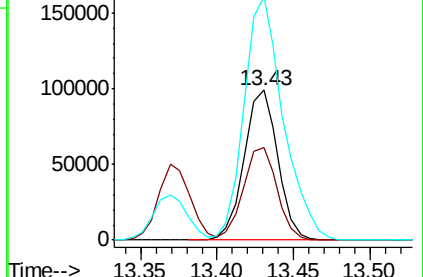
150 189.4 0.0 350.0

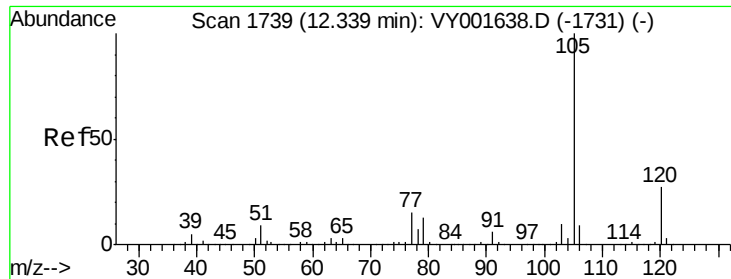


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.246 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

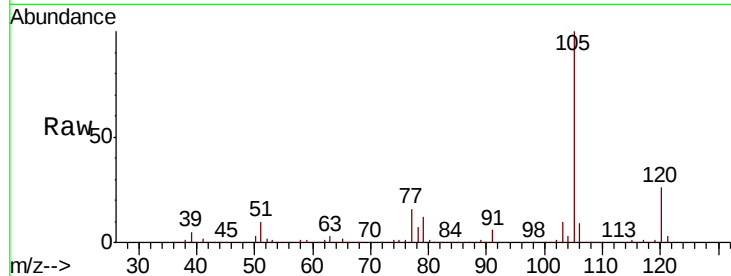
ClientSampleId :

Tot Ion:105 Resp: 1169500

Ion Ratio Lower Upper

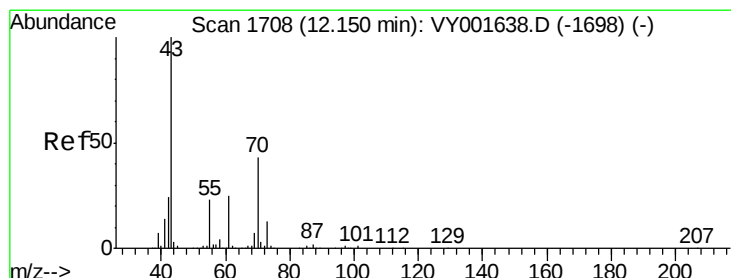
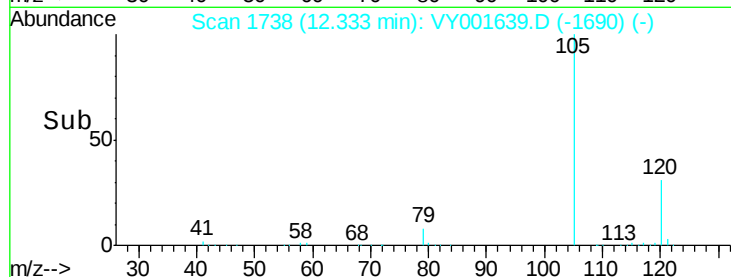
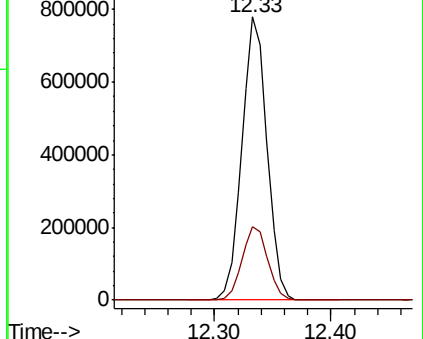
105 100

120 26.5 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: 121.458 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Tgt Ion: 43 Resp: 379503

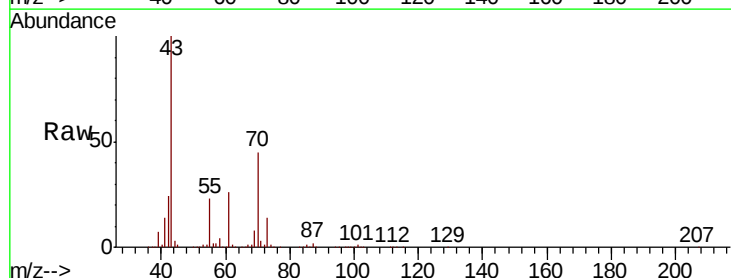
Ion Ratio Lower Upper

43 100

70 44.5 35.0 52.6

55 23.4 18.3 27.5

61 25.9 20.3 30.5

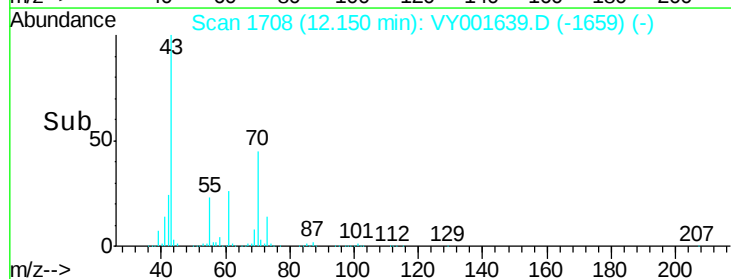
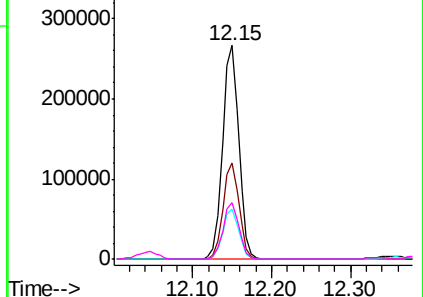


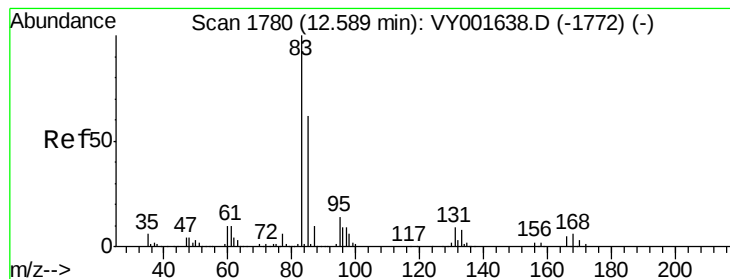
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 114.949 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

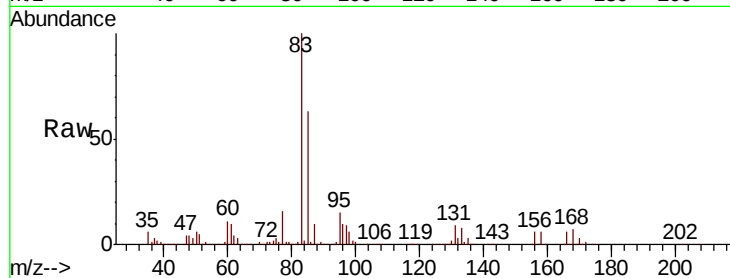
Tot Ion: 83 Resp: 258234

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 64.6 31.5 94.5

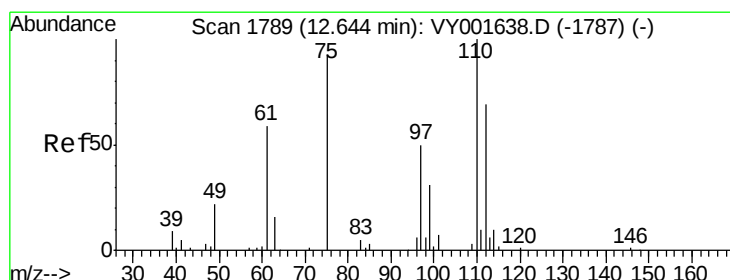
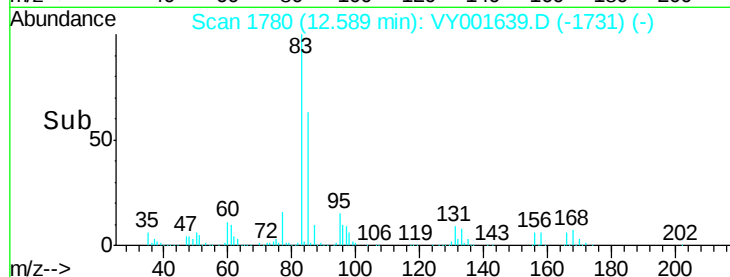


Abundance Ion 82.90 (82.60 to 83.60): VY001639.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY001639.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY001639.D (-1772) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 208.435 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001639.D

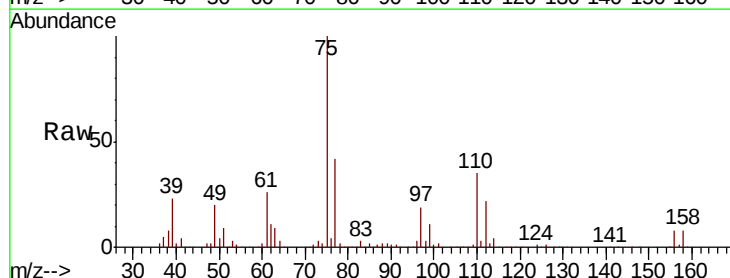
Acq: 17 Feb 2020 11:29

Tgt Ion: 75 Resp: 336929

Ion Ratio Lower Upper

75 100

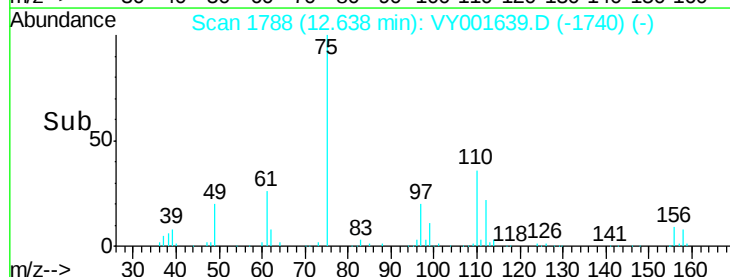
77 0.0 0.0 0.0

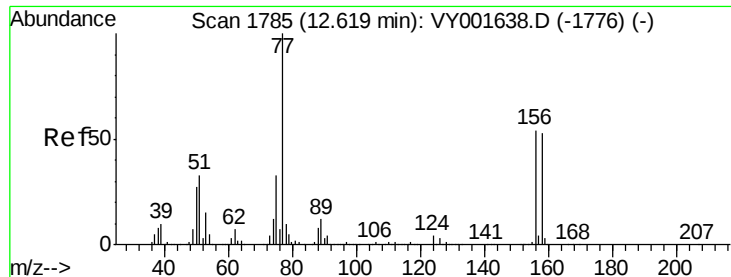


Abundance Ion 74.90 (74.60 to 75.60): VY001639.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001639.D (-1740) (-)

Time-->





#77

Bromobenzene

Concen: 99.744 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

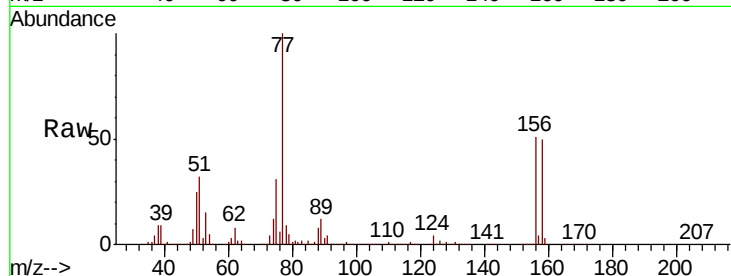
Tot Ion:156 Resp: 246863

Ion Ratio Lower Upper

156 100

77 219.9 107.8 323.4

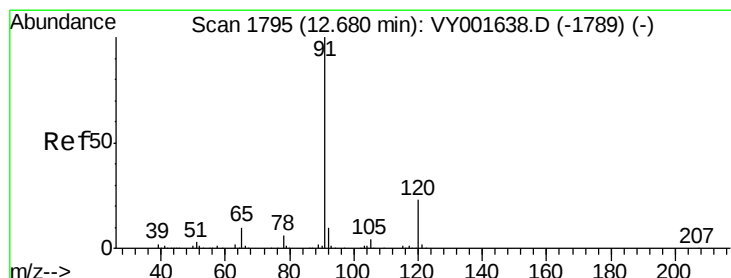
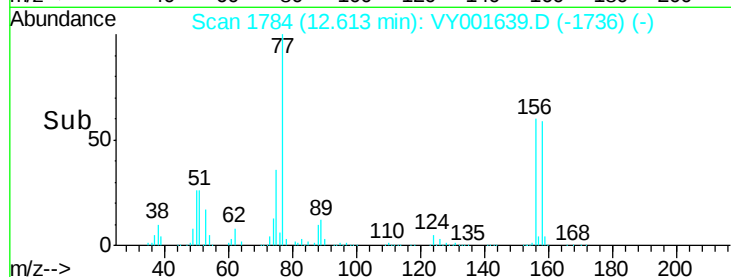
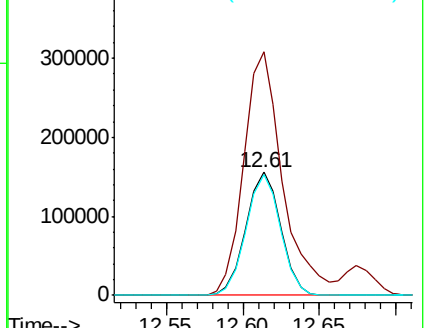
158 96.8 48.6 145.9



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: 103.562 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001639.D

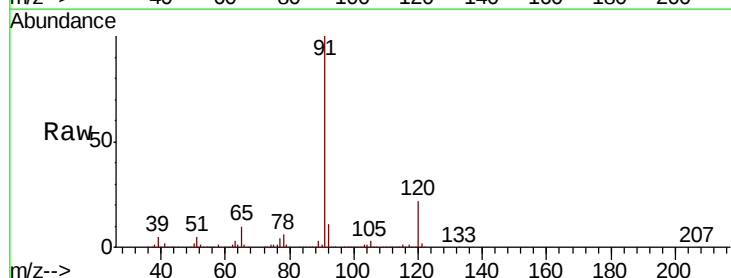
Acq: 17 Feb 2020 11:29

Tgt Ion: 91 Resp: 1426724

Ion Ratio Lower Upper

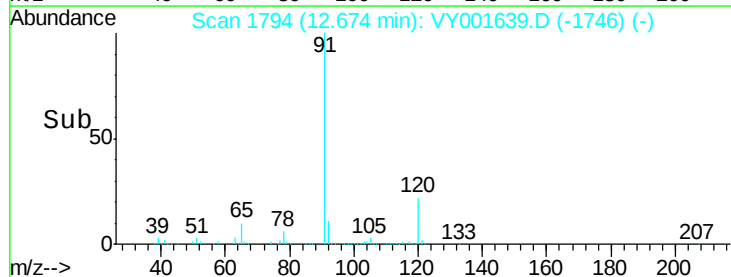
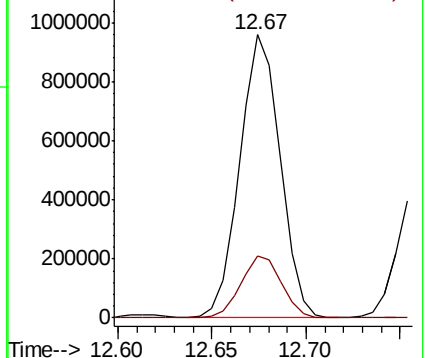
91 100

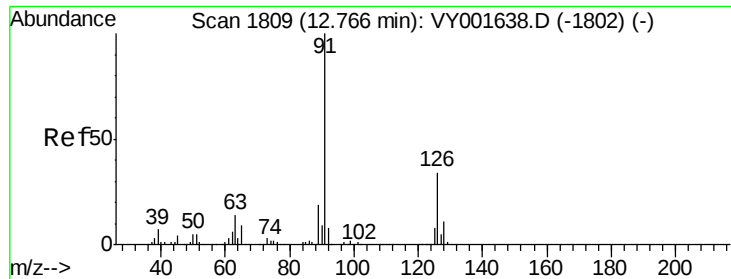
120 22.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

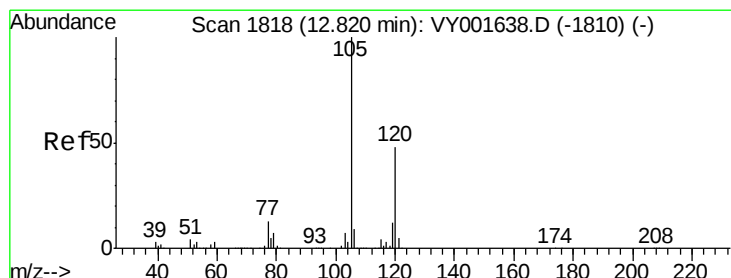
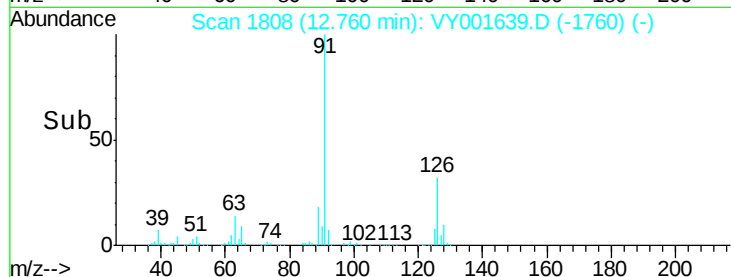
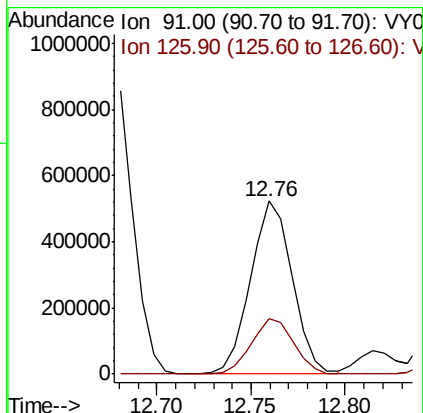
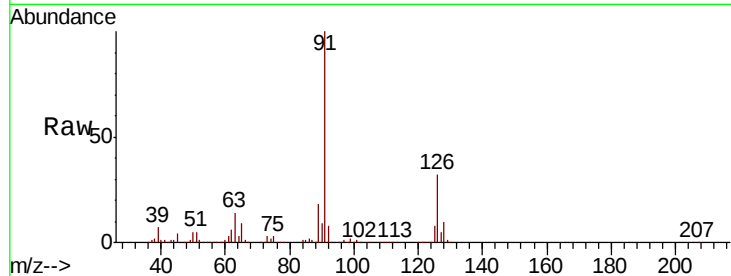




#79
 2-Chlorotoluene
 Concen: 102.714 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

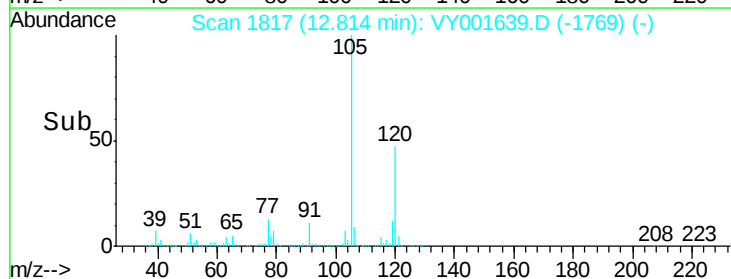
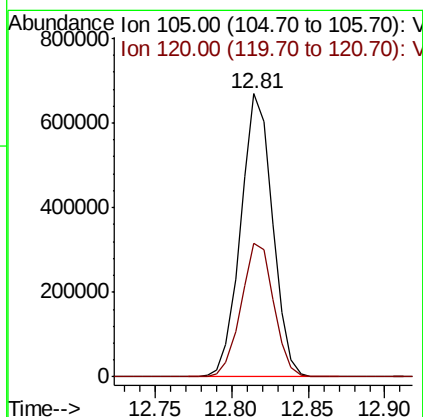
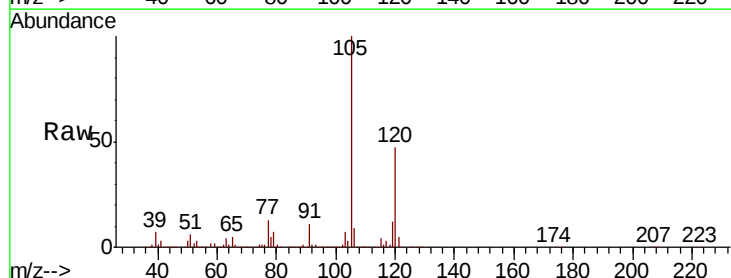
Instrument :
 MSVOA_Y
 ClientSampleId :

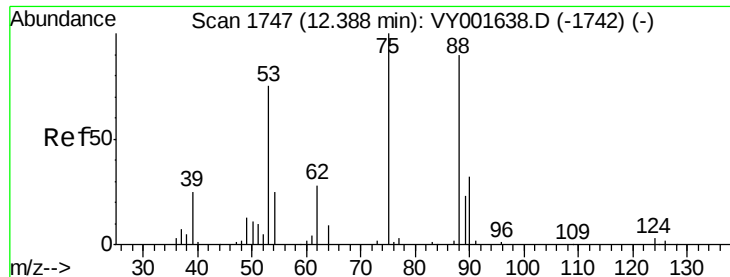
Tot Ion: 91 Resp: 802911
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 100.044 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion: 105 Resp: 964061
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 114.432 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

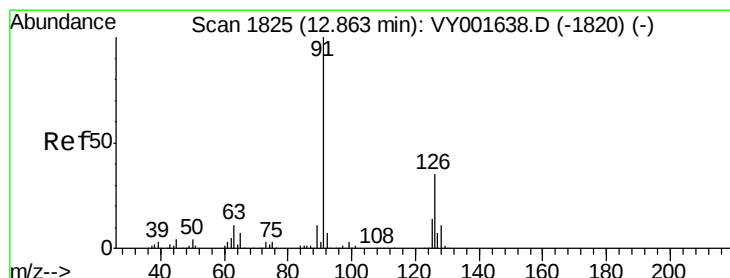
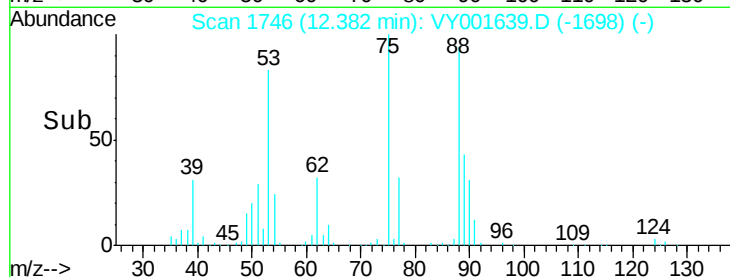
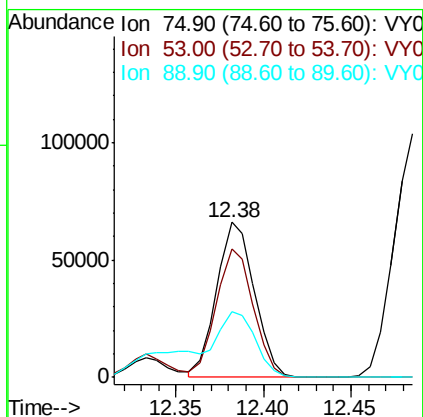
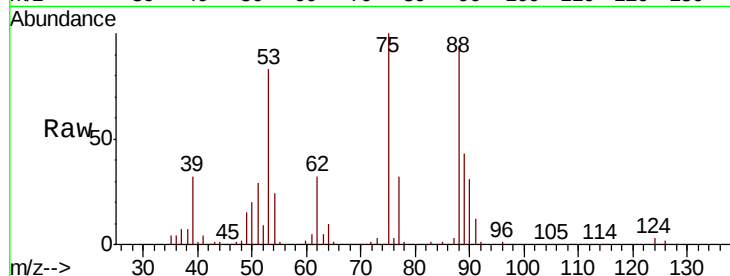
Tot Ion: 75 Resp: 98773

Ion Ratio Lower Upper

75 100

53 82.1 63.4 95.0

89 71.6 33.0 49.4#



#82

4-Chlorotoluene

Concen: 101.608 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001639.D

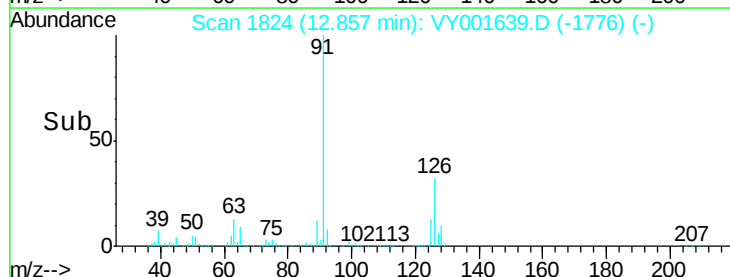
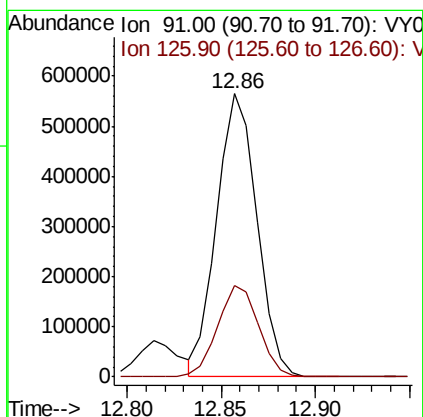
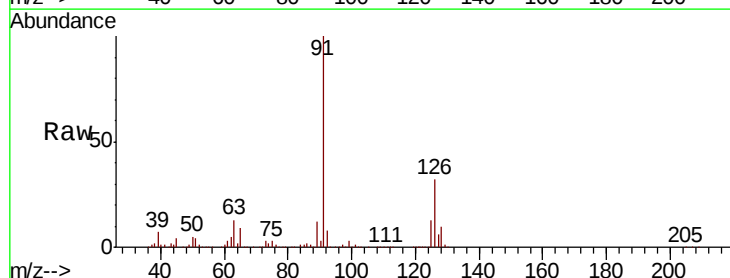
Acq: 17 Feb 2020 11:29

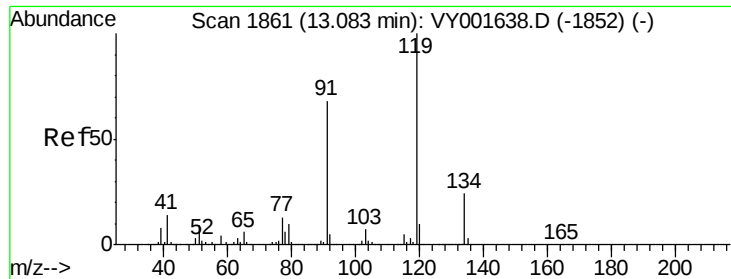
Tgt Ion: 91 Resp: 837369

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8

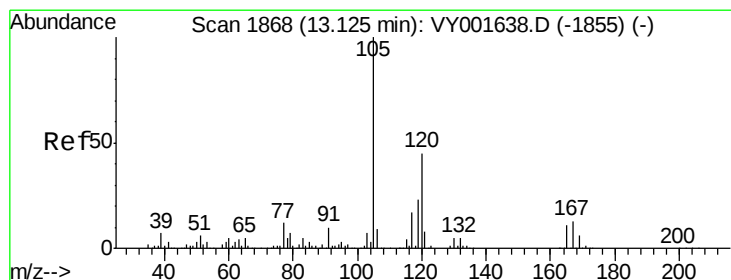
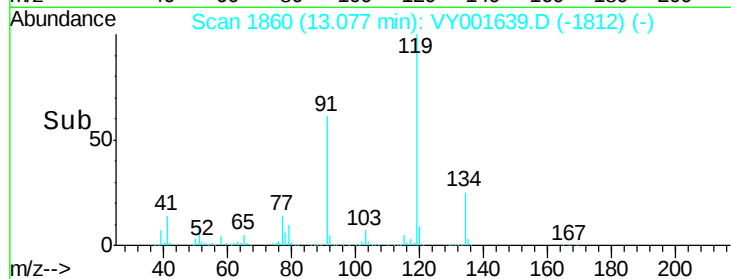
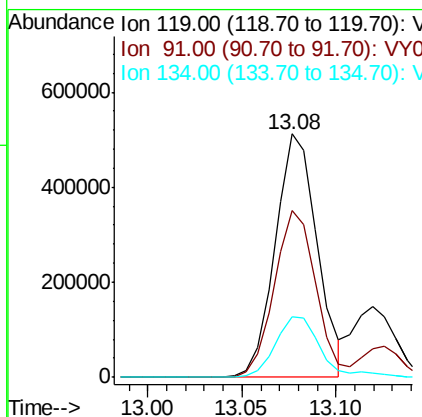
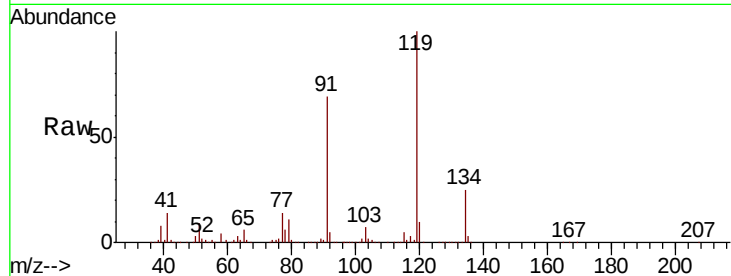




#83
tert-Butylbenzene
Concen: 97.356 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

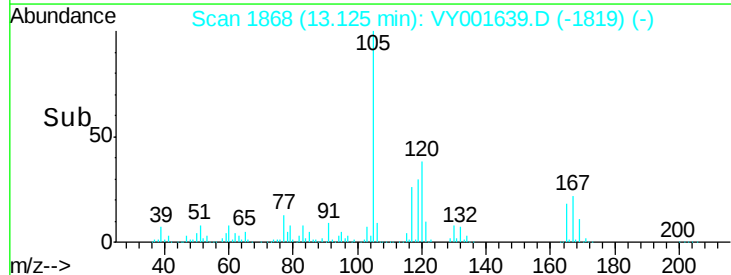
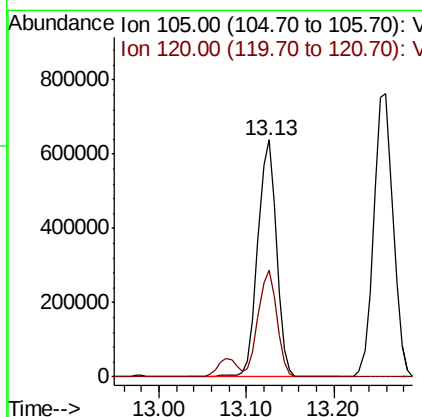
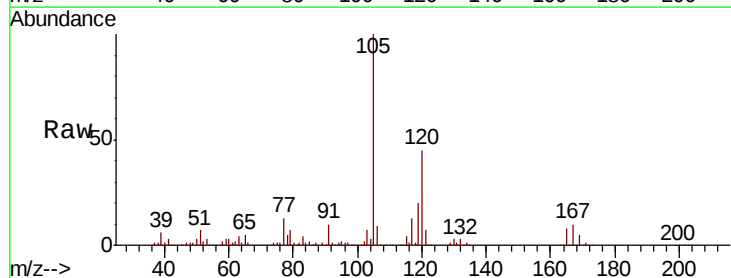
Instrument :
MSVOA_Y
ClientSampleId :

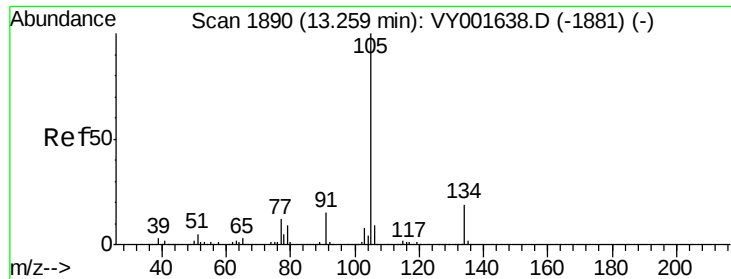
Tot Ion:119 Resp: 790997
Ion Ratio Lower Upper
119 100
91 68.2 33.1 99.5
134 27.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 99.174 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion:105 Resp: 947098
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 102.770 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

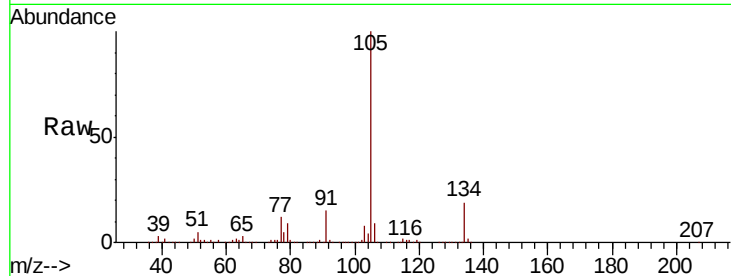
ClientSampleId :

Tot Ion:105 Resp: 1181204

Ion Ratio Lower Upper

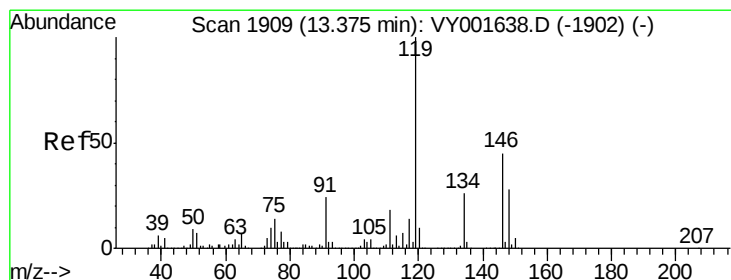
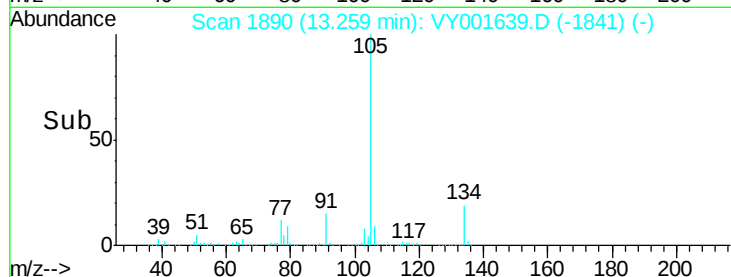
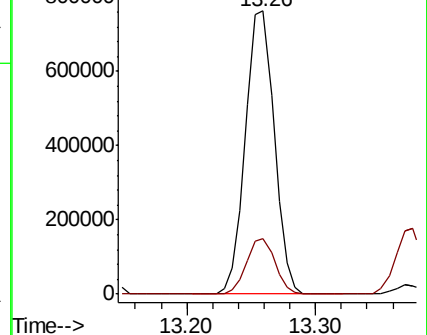
105 100

134 19.2 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: 98.598 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

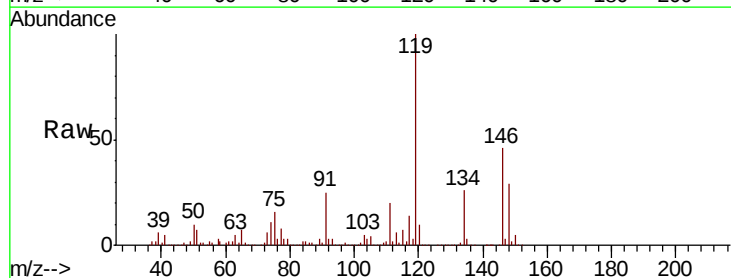
Tgt Ion:119 Resp: 997990

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

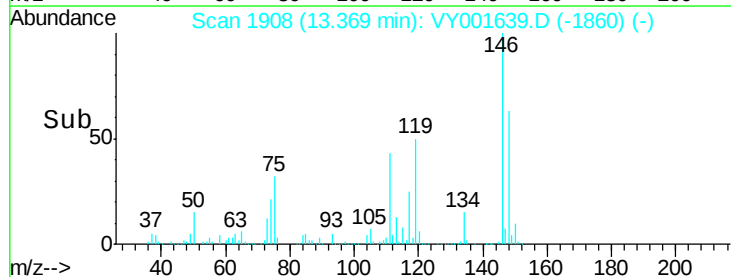
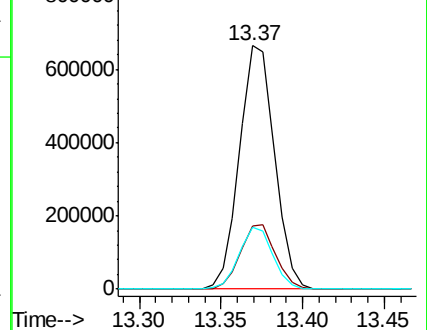
91 24.4 11.9 35.7

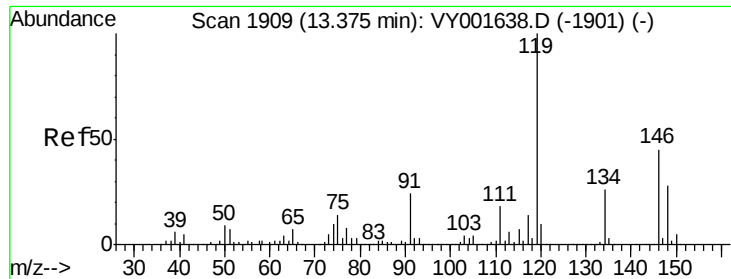


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

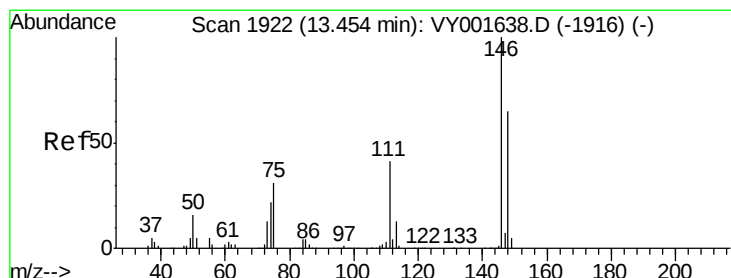
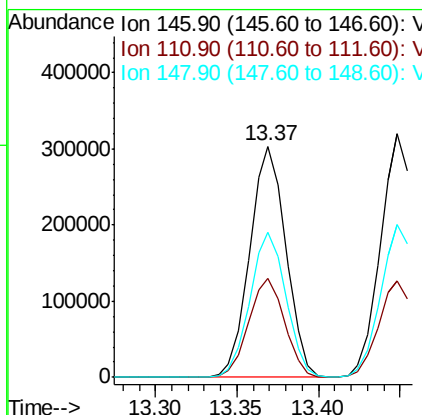
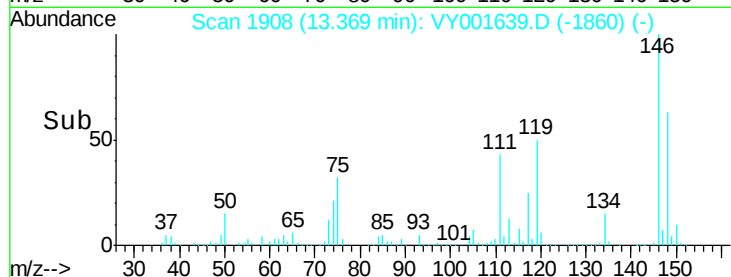
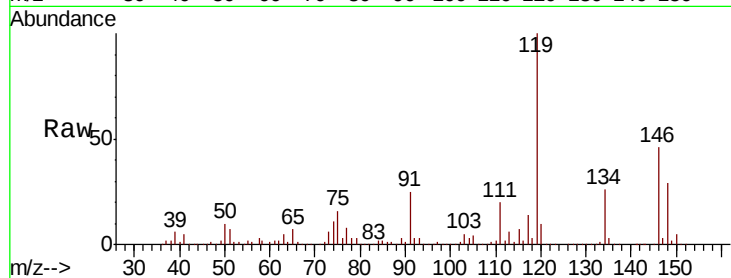




#87
 1,3-Dichlorobenzene
 Concen: 98.219 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

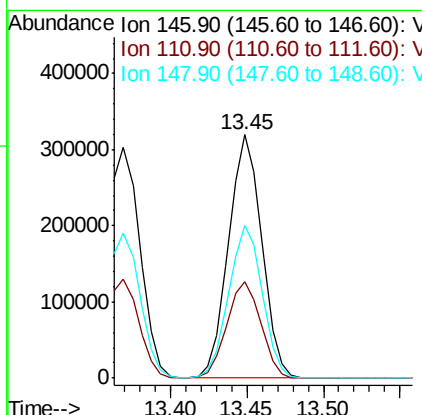
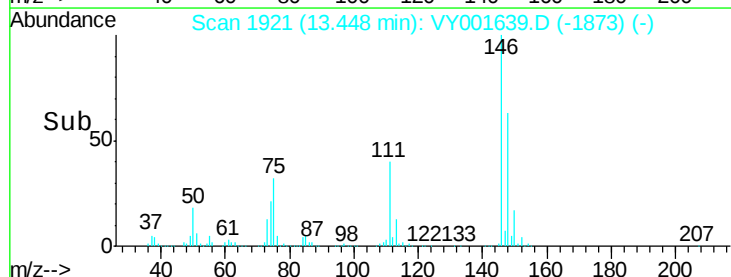
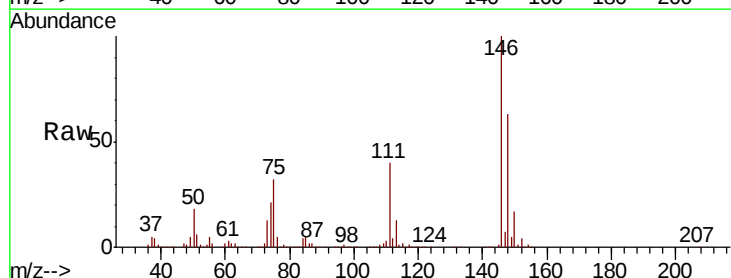
Instrument :
 MSVOA_Y
 ClientSampleId :

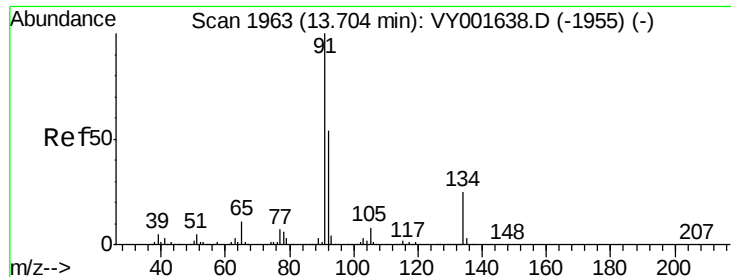
Tot Ion:146 Resp: 468979
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.7 62.1
 148 62.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 100.674 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion:146 Resp: 481332
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.2
 148 63.2 32.0 96.2

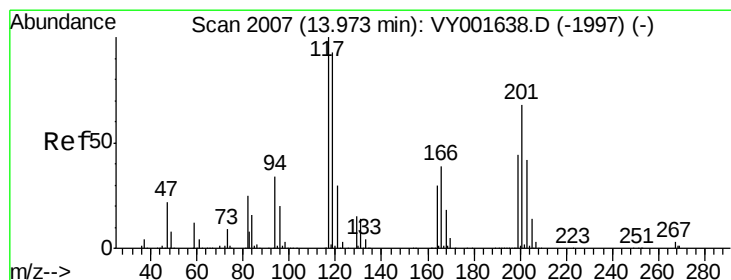
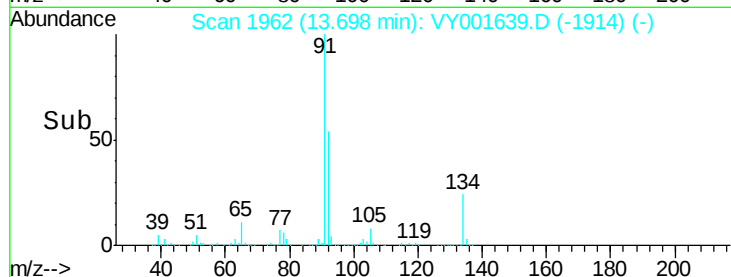
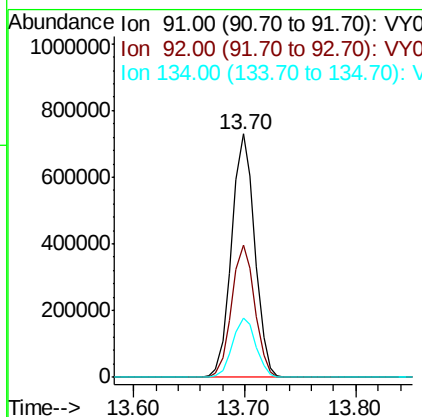
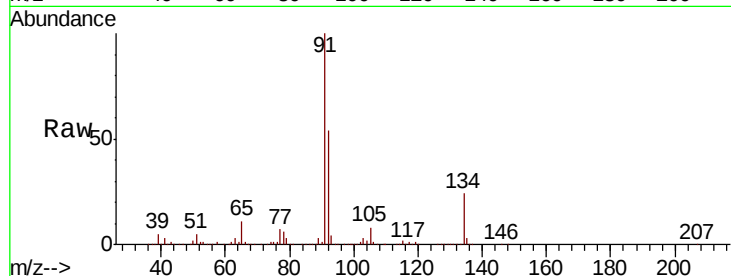




#89
n-Butylbenzene
Concen: 104.126 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

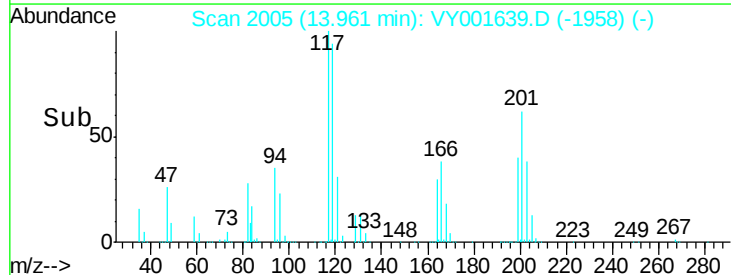
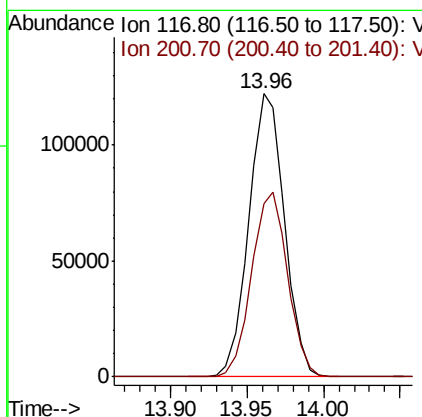
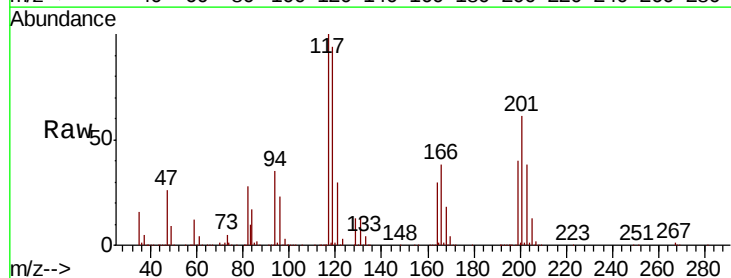
Instrument :
MSVOA_Y
ClientSampled :

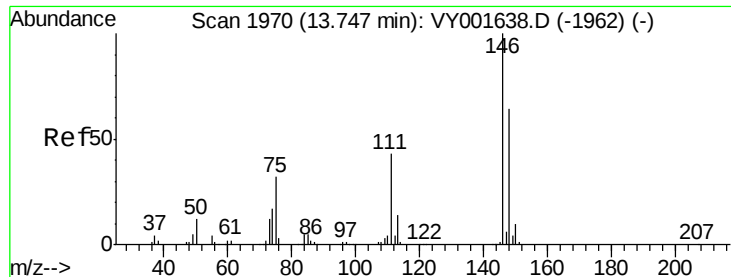
Tot Ion: 91 Resp: 1046341
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 101.997 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion: 117 Resp: 197812
Ion Ratio Lower Upper
117 100
201 65.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 101.257 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

Instrument :

MSVOA_Y

ClientSampleId :

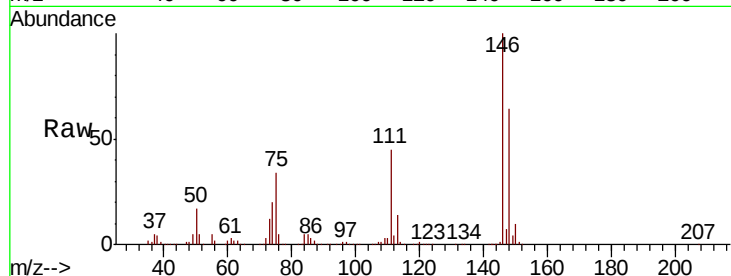
Tot Ion:146 Resp: 438810

Ion Ratio Lower Upper

146 100

111 43.6 21.6 65.0

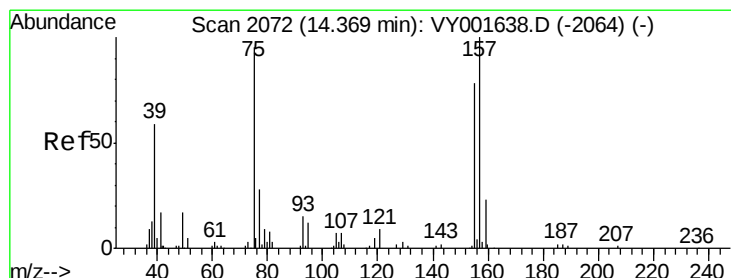
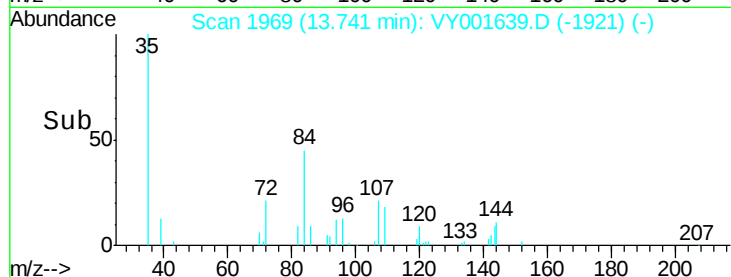
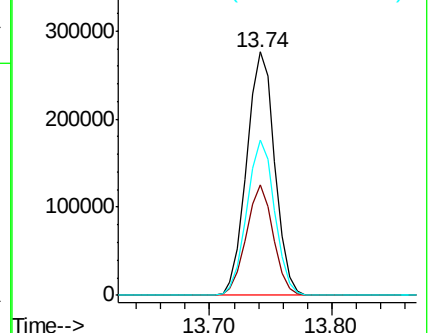
148 63.3 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.902 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY001639.D

Acq: 17 Feb 2020 11:29

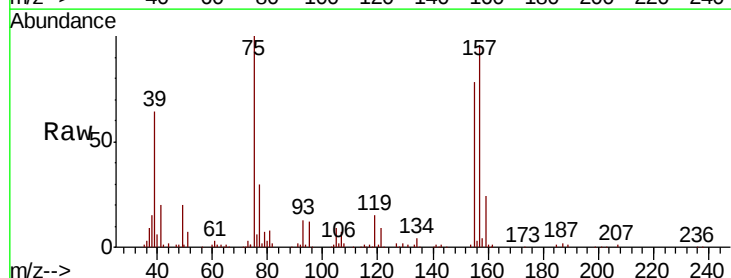
Tgt Ion: 75 Resp: 42402

Ion Ratio Lower Upper

75 100

155 82.3 42.1 126.4

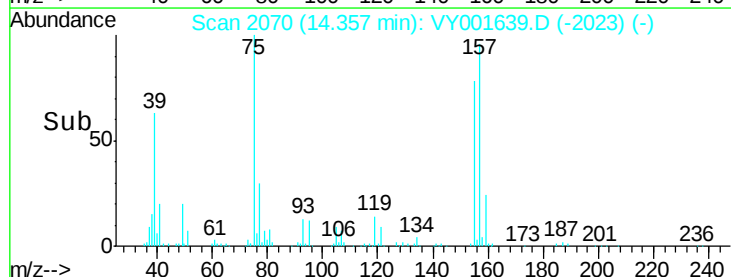
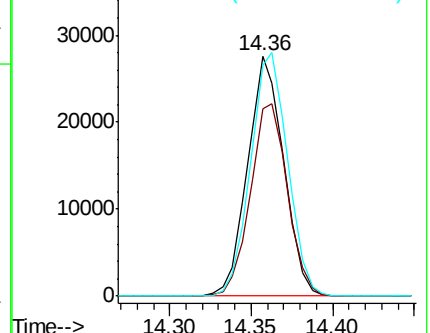
157 104.4 53.0 159.1

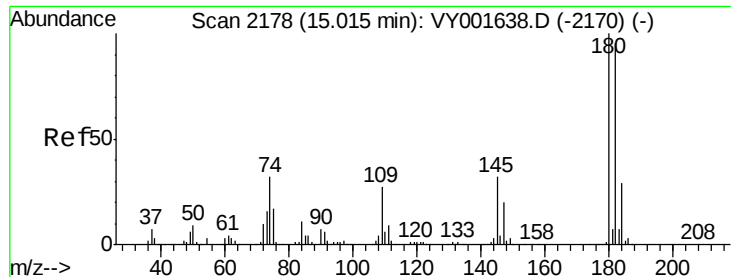


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

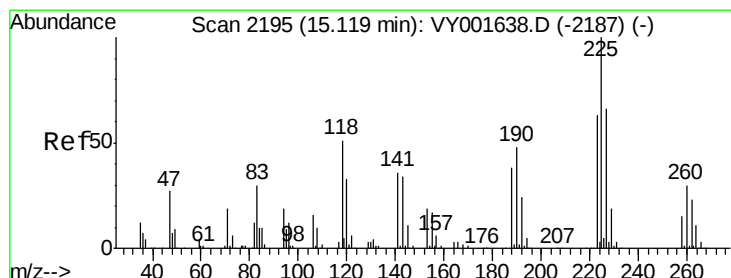
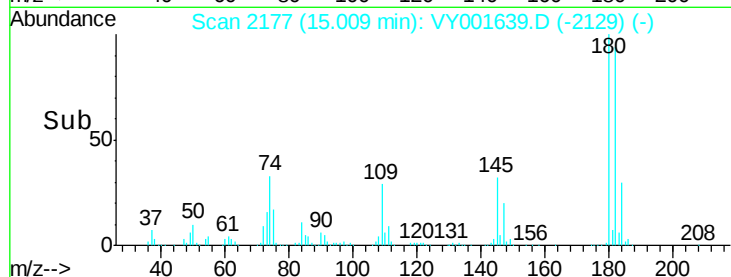
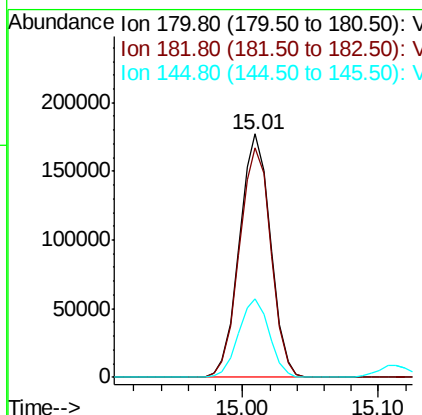
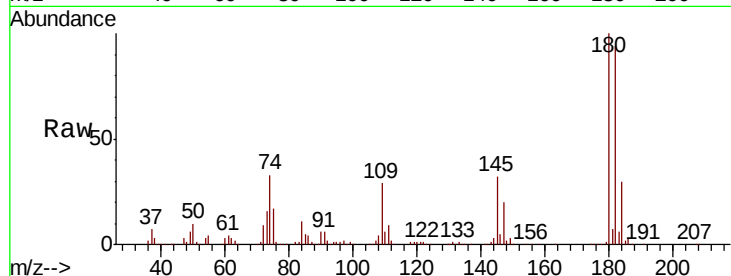




#93
 1,2,4-Trichlorobenzene
 Concen: 96.923 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

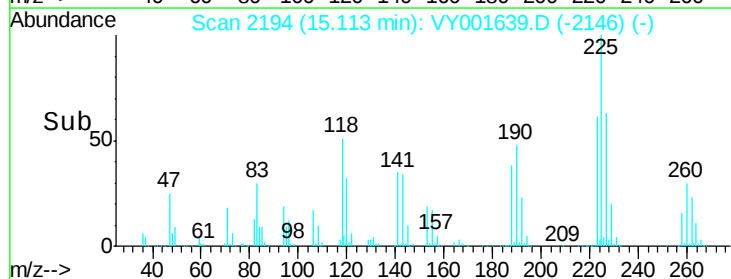
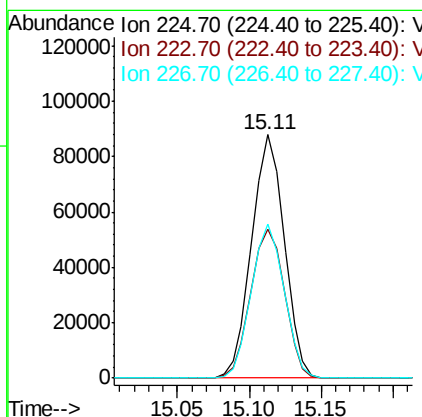
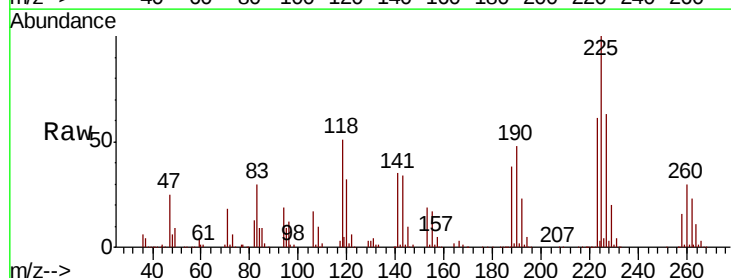
Instrument :
 MSVOA_Y
 ClientSampleId :

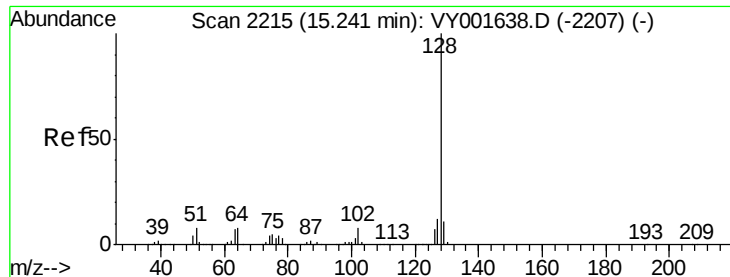
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.7
145	32.0	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 94.082 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001639.D
 Acq: 17 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	94.8
227	63.5	32.3	96.8

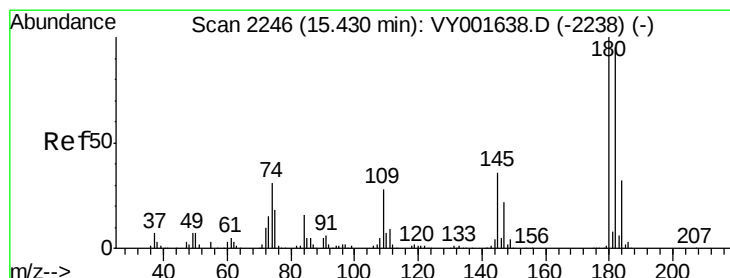
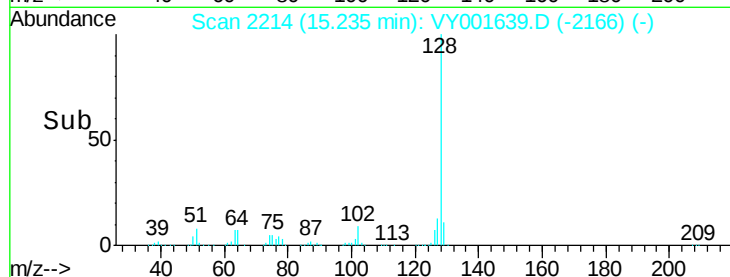
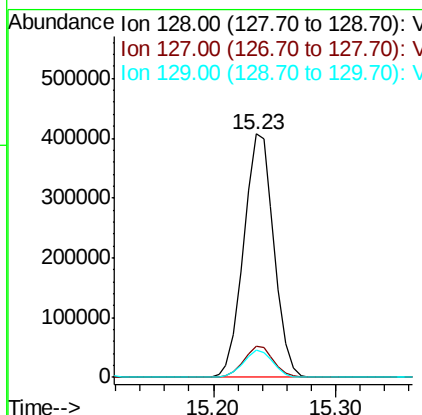
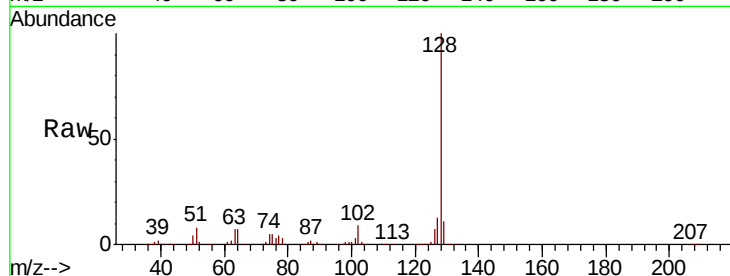




#95
Naphthalene
Concen: 100.238 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 694647
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 97.451 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001639.D
Acq: 17 Feb 2020 11:29

Tgt Ion:180 Resp: 251986
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.7
145 33.8 16.9 50.6

