

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002513.D
 Acq On : 30 Apr 2020 15:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 04 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	372923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	553405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	500941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	256838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	156646	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	157969	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	10.19	98	614234	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.49	95	205908	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	168524	59.505	ug/l	100
3) Chloromethane	2.12	50	170137	56.311	ug/l	100
4) Vinyl Chloride	2.26	62	195604	56.067	ug/l	100
5) Bromomethane	2.66	94	124307	51.668	ug/l	100
6) Chloroethane	2.80	64	112001	53.766	ug/l	100
7) Trichlorofluoromethane	3.14	101	283708	52.470	ug/l	100
8) Diethyl Ether	3.55	74	96064	52.869	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	172247	52.123	ug/l	100
10) Methyl Iodide	4.11	142	256510	56.974	ug/l	100
11) Tert butyl alcohol	4.97	59	78566	243.540	ug/l	100
12) 1,1-Dichloroethene	3.89	96	167032	52.030	ug/l	100
13) Acrolein	3.74	56	60609	271.693	ug/l	100
14) Allyl chloride	4.50	41	248282	53.080	ug/l	100
15) Acrylonitrile	5.19	53	225043	262.631	ug/l	100
16) Acetone	3.96	43	170348	263.240	ug/l	100
17) Carbon Disulfide	4.21	76	527817	54.651	ug/l	100
18) Methyl Acetate	4.50	43	109855	50.807	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	438971	52.410	ug/l	100
20) Methylene Chloride	4.74	84	177503	49.051	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	183775	52.375	ug/l	100
22) Diisopropyl ether	6.14	45	494661	52.266	ug/l	100
23) Vinyl Acetate	6.08	43	1596750	268.269	ug/l	100
24) 1,1-Dichloroethane	6.04	63	295129	52.711	ug/l	100
25) 2-Butanone	7.01	43	277802	262.252	ug/l	100
26) 2,2-Dichloropropane	7.00	77	266319	50.041	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	199654	51.425	ug/l	100
28) Bromochloromethane	7.35	49	115678	50.426	ug/l	100
29) Tetrahydrofuran	7.36	42	186481	266.079	ug/l	100
30) Chloroform	7.53	83	301117	51.723	ug/l	100
31) Cyclohexane	7.80	56	282710	50.163	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	280643	51.864	ug/l	100
36) 1,1-Dichloropropene	7.94	75	241977	52.159	ug/l	100
37) Ethyl Acetate	7.10	43	124357	52.163	ug/l	100
38) Carbon Tetrachloride	7.92	117	264757	52.273	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	319521	52.145	ug/l	100
40) Benzene	8.18	78	692671	51.695	ug/l	100
41) Methacrylonitrile	7.35	41	75809m	60.833	ug/l	
42) 1,2-Dichloroethane	8.25	62	198875	52.914	ug/l	100
43) Isopropyl Acetate	8.29	43	235125	52.609	ug/l	100
44) Trichloroethene	8.96	130	215173	51.385	ug/l	100
45) 1,2-Dichloropropane	9.23	63	167483	51.791	ug/l	100
46) Dibromomethane	9.32	93	97288	52.288	ug/l	100
47) Bromodichloromethane	9.51	83	235344	52.020	ug/l	100
48) Methyl methacrylate	9.30	41	108459	53.622	ug/l	100
49) 1,4-Dioxane	9.31	88	26474	1074.646	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	620014	269.143	ug/l	100
52) Toluene	10.25	92	446430	51.842	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250679	52.884	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	286016	52.194	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	142102	52.372	ug/l	100
56) Ethyl methacrylate	10.52	69	194905	53.998	ug/l	100
57) 1,3-Dichloropropane	10.80	76	242084	52.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	465365	244.480	ug/l	100
59) 2-Hexanone	10.84	43	433854	273.633	ug/l	100
60) Dibromochloromethane	11.00	129	181151	52.493	ug/l	100
61) 1,2-Dibromoethane	11.10	107	139184	51.806	ug/l	100
64) Tetrachloroethene	10.73	164	232380	52.210	ug/l	100
65) Chlorobenzene	11.52	112	491234	51.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	185173	52.384	ug/l	100
67) Ethyl Benzene	11.60	91	874672	52.289	ug/l	100
68) m/p-Xylenes	11.71	106	674957	104.284	ug/l	100
69) o-Xylene	12.03	106	313960	51.808	ug/l	100
70) Styrene	12.05	104	546135	52.716	ug/l	100
71) Bromoform	12.22	173	118209	53.878	ug/l	100
73) Isopropylbenzene	12.34	105	863483	51.875	ug/l	100
74) N-amyl acetate	12.15	43	218865	54.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	140466	53.061	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	124791m	54.433	ug/l	
77) Bromobenzene	12.61	156	216171	51.980	ug/l	100
78) n-propylbenzene	12.68	91	1004046	51.978	ug/l	100
79) 2-Chlorotoluene	12.77	91	551302	51.523	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	723623	52.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60722	53.346	ug/l	100
82) 4-Chlorotoluene	12.86	91	580481	51.646	ug/l	100
83) tert-Butylbenzene	13.08	119	635315	52.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	717080	52.147	ug/l	100
85) sec-Butylbenzene	13.26	105	875502	52.151	ug/l	100
86) p-Isopropyltoluene	13.38	119	825609	52.486	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	404967	51.450	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	405846	52.072	ug/l	100
89) n-Butylbenzene	13.70	91	744191	51.969	ug/l	100
90) Hexachloroethane	13.97	117	149061	52.035	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	365421	52.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25778	52.239	ug/l	100

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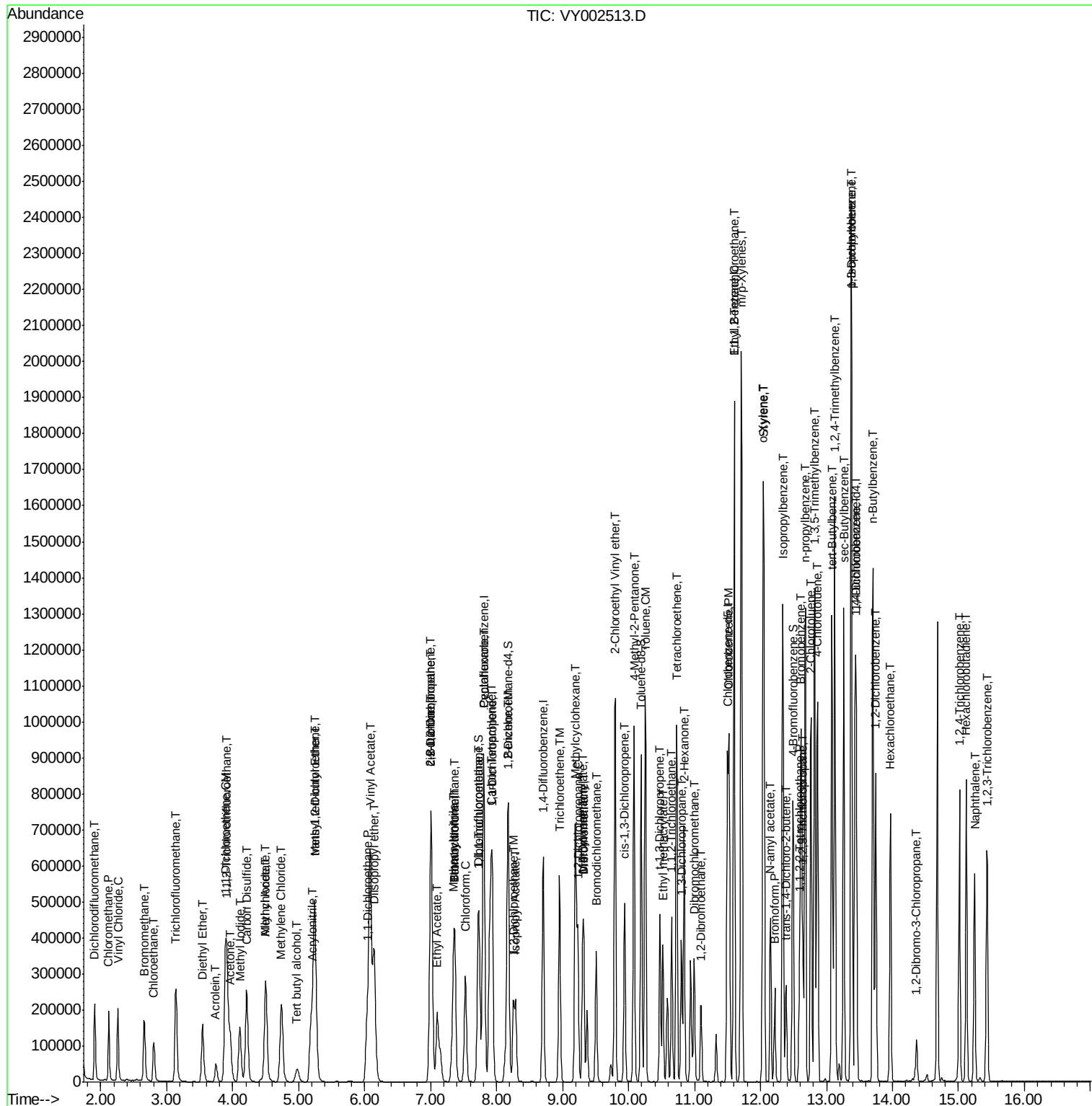
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	264951	51.960	ug/l	100
94) Hexachlorobutadiene	15.12	225	156604	51.165	ug/l	100
95) Naphthalene	15.25	128	497696	53.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	224987	51.975	ug/l	100

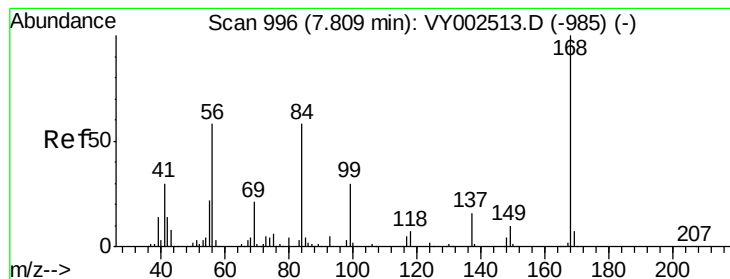
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

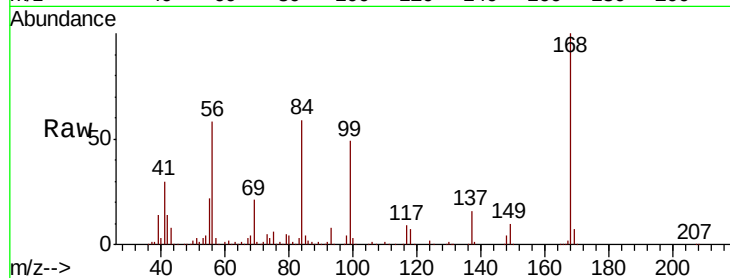
VSTDICCC050

Tot Ion:168 Resp: 372923

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

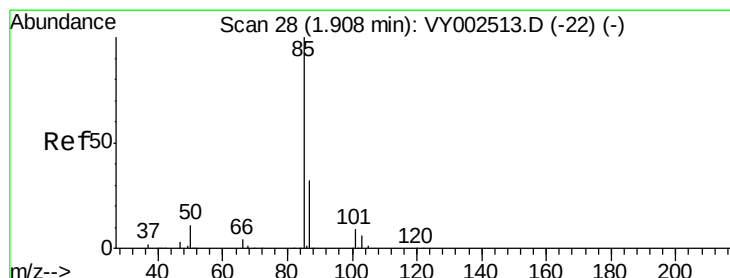
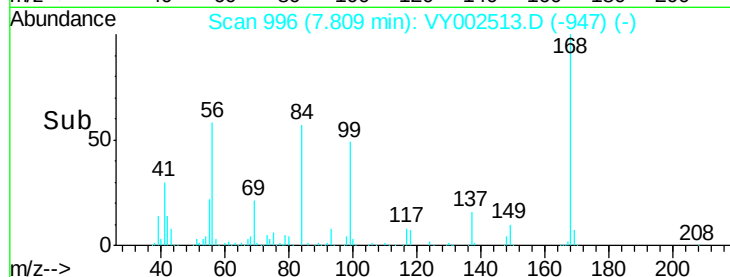
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.505 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002513.D

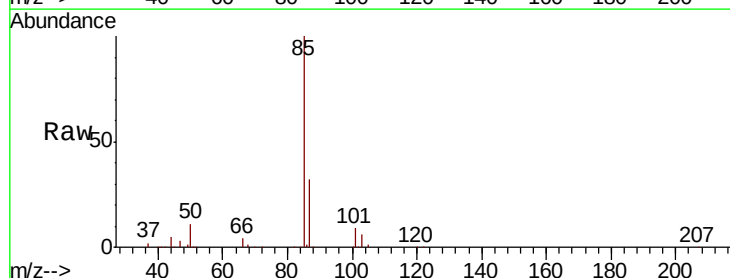
Acq: 30 Apr 2020 15:23

Tgt Ion: 85 Resp: 168524

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

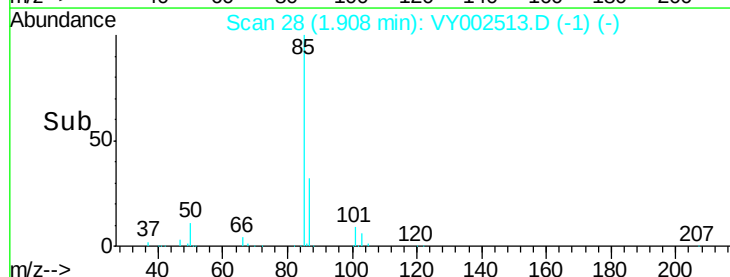
1.91

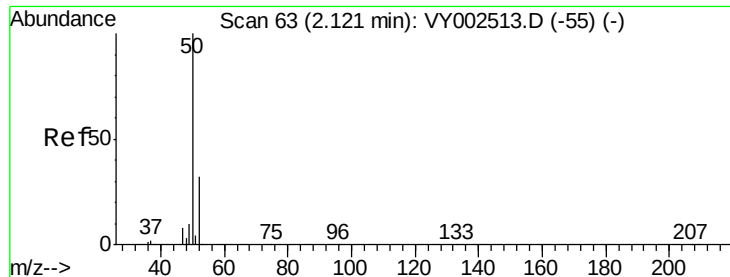
100000

50000

0

Time-->





#3

Chloromethane

Concen: 56.311 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

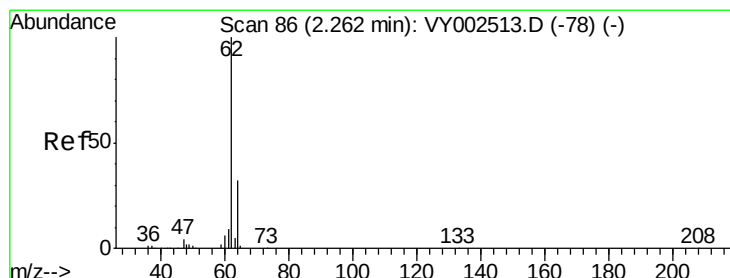
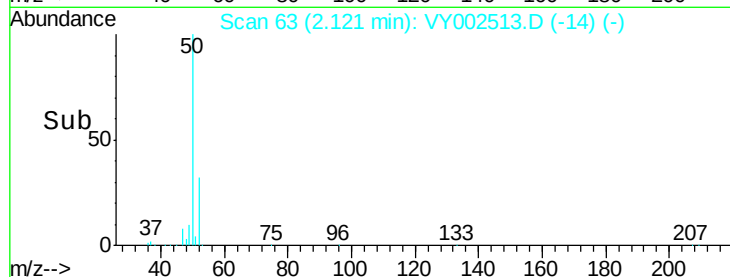
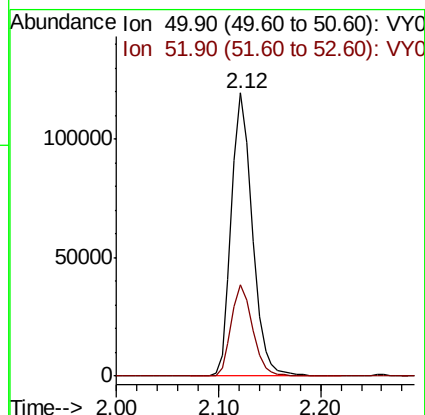
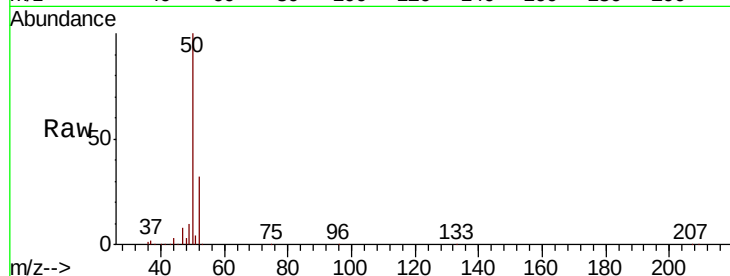
VSTDICCC050

Tot Ion: 50 Resp: 170137

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 56.067 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002513.D

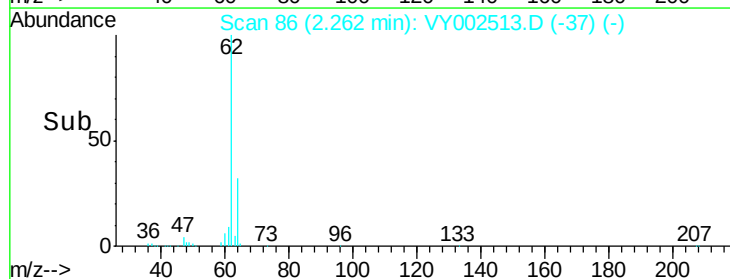
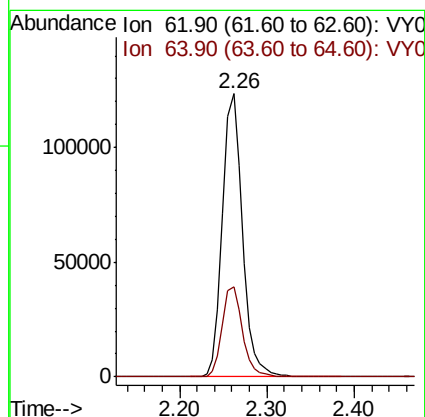
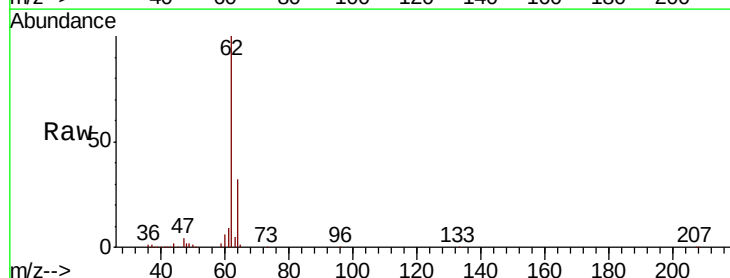
Acq: 30 Apr 2020 15:23

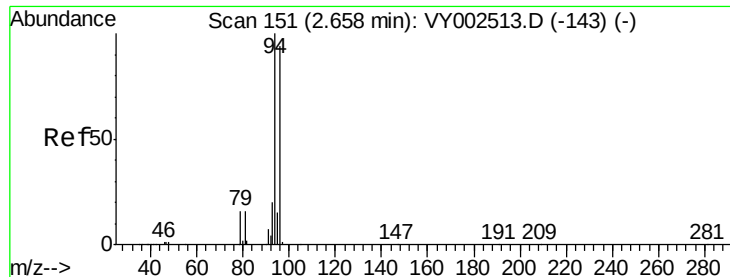
Tgt Ion: 62 Resp: 195604

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 51.668 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

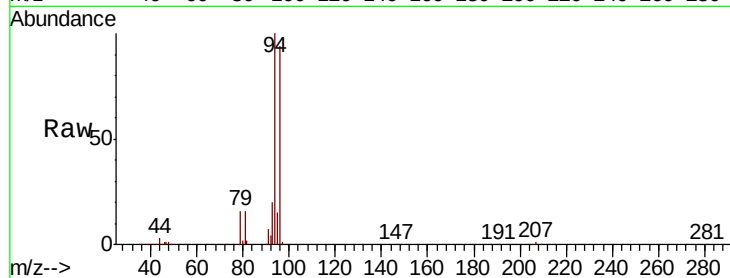
VSTDICCC050

Tot Ion: 94 Resp: 124307

Ion Ratio Lower Upper

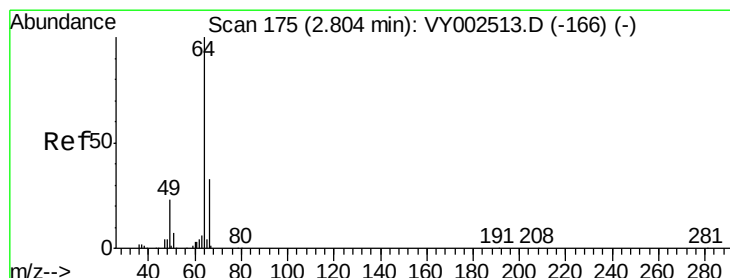
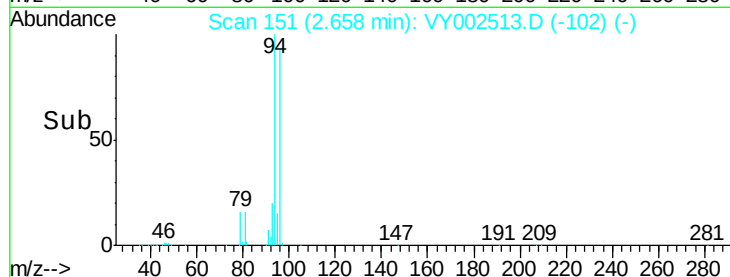
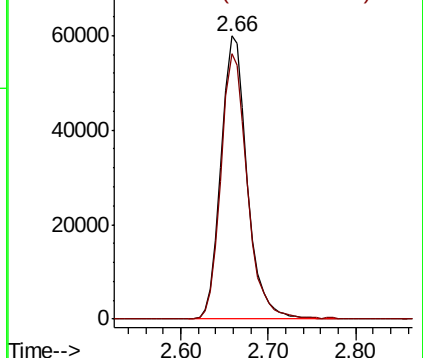
94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.766 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002513.D

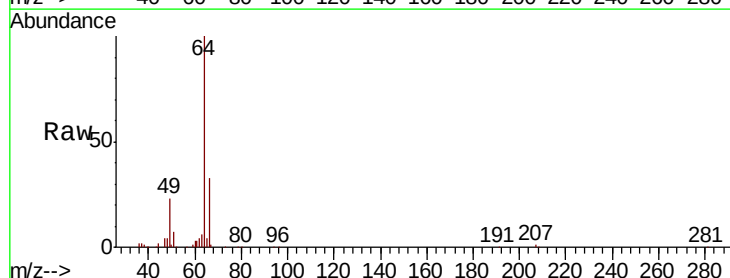
Acq: 30 Apr 2020 15:23

Tgt Ion: 64 Resp: 112001

Ion Ratio Lower Upper

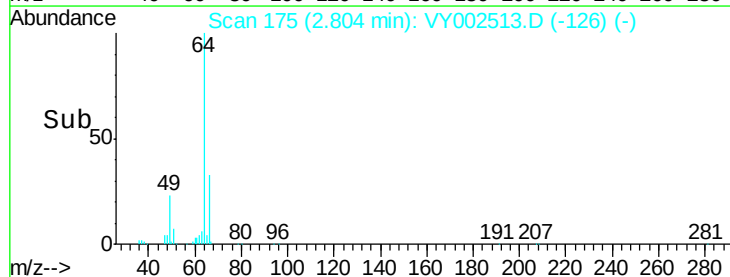
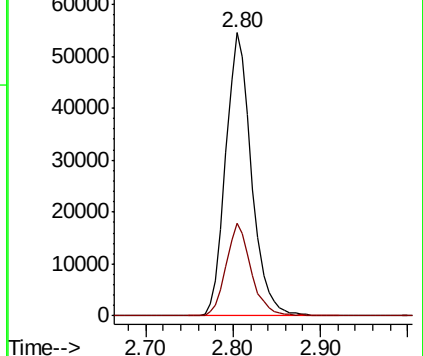
64 100

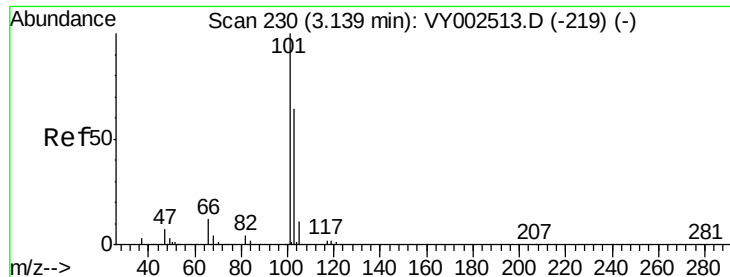
66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



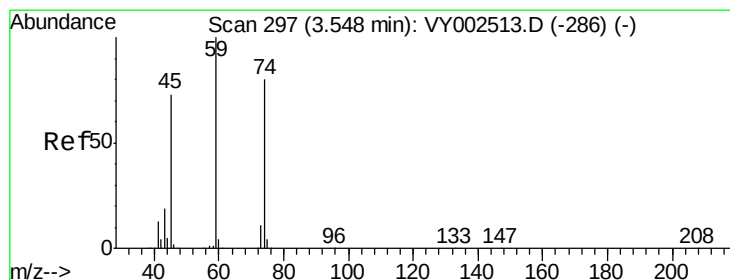
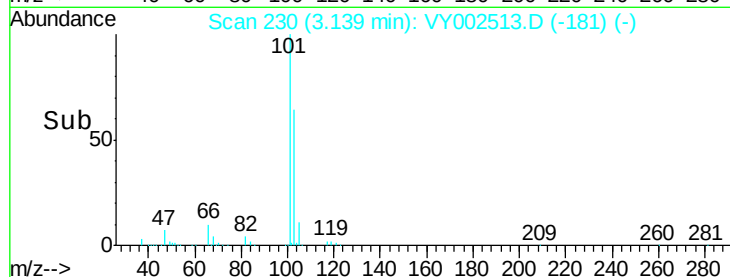
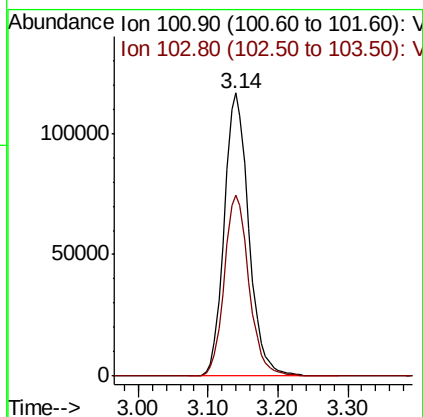
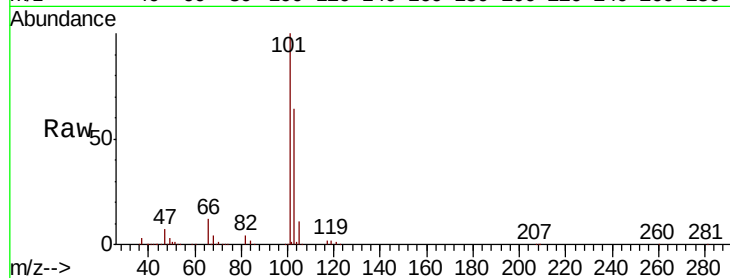


#7

Trichlorofluoromethane
 Concen: 52.470 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
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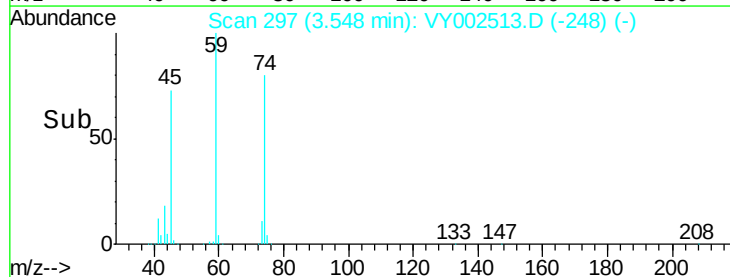
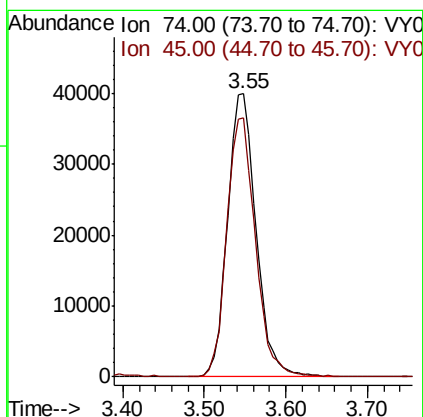
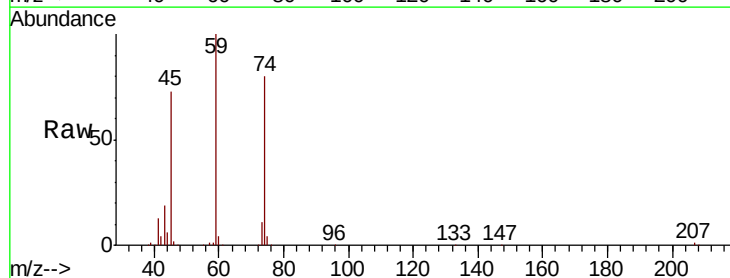
Tot Ion:101 Resp: 283708
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

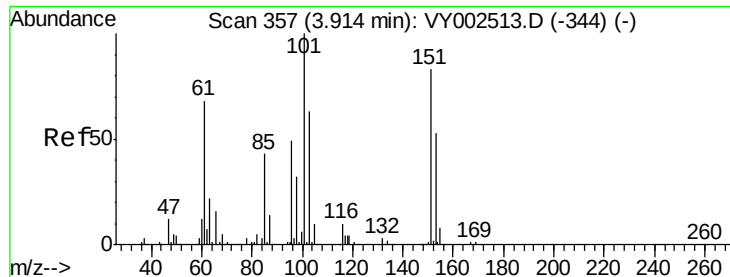


#8

Diethyl Ether
 Concen: 52.869 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 74 Resp: 96064
 Ion Ratio Lower Upper
 74 100
 45 92.3 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.123 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

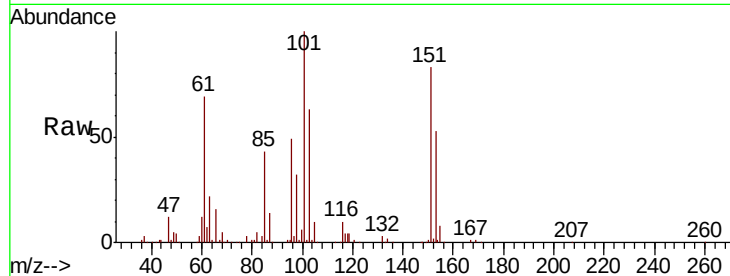
Tot Ion:101 Resp: 172247

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

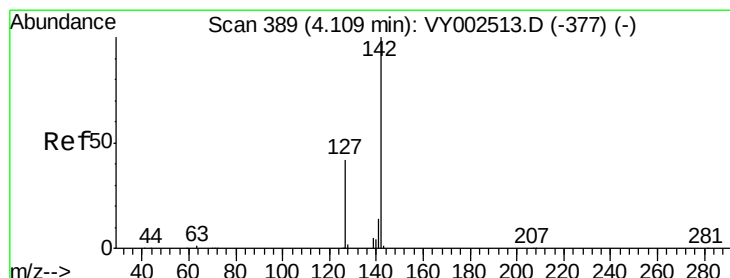
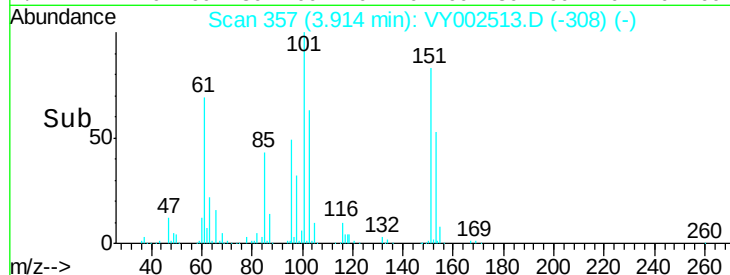
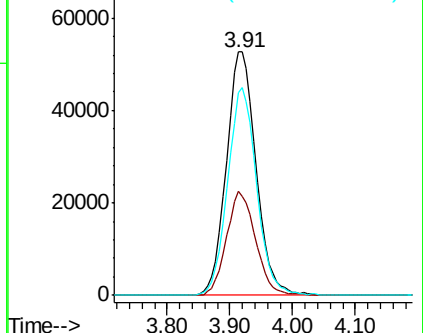
151 83.5 66.8 100.2



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: 56.974 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

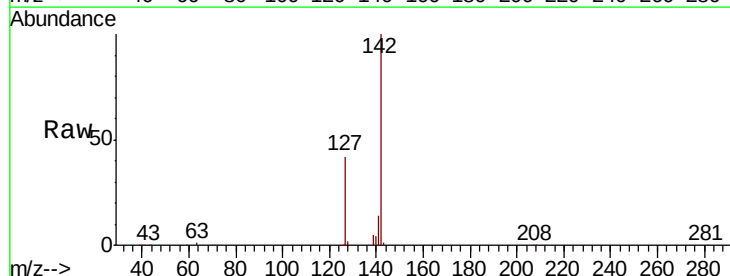
Tgt Ion:142 Resp: 256510

Ion Ratio Lower Upper

142 100

127 42.1 33.7 50.5

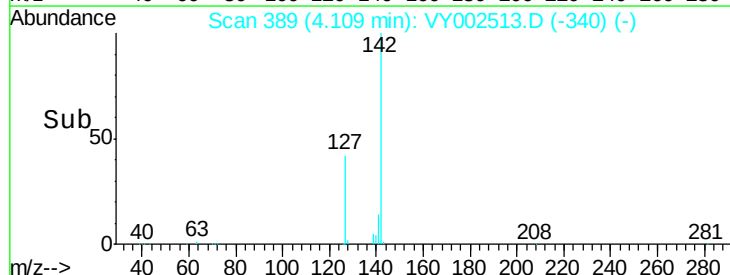
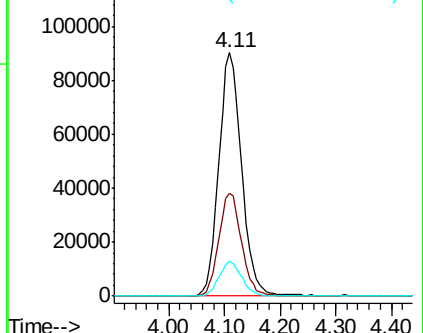
141 14.2 11.4 17.0

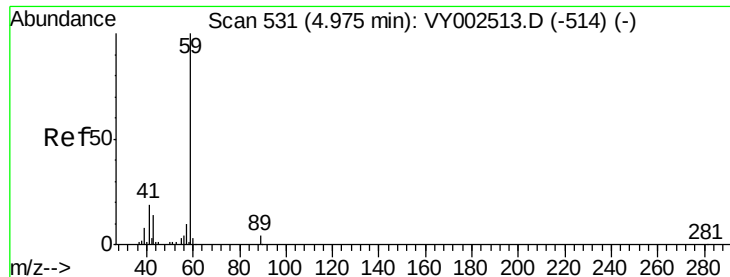


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



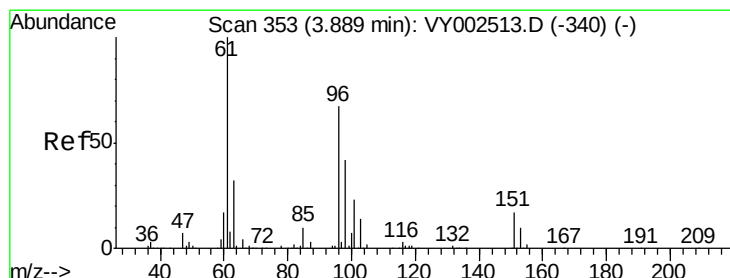
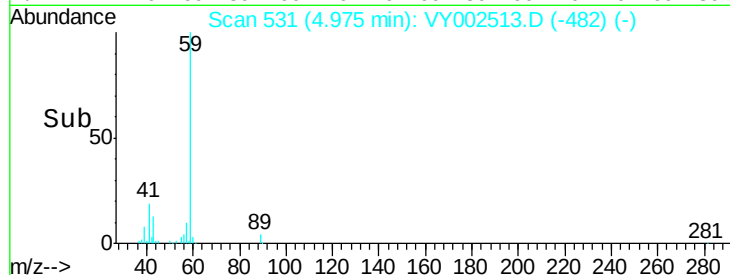
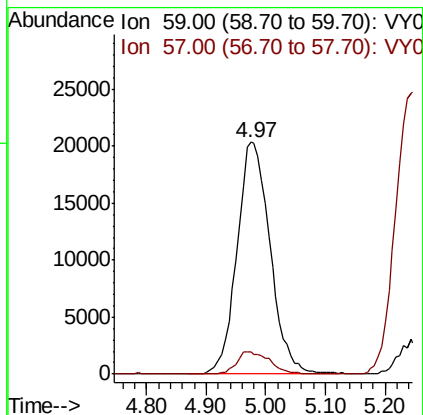
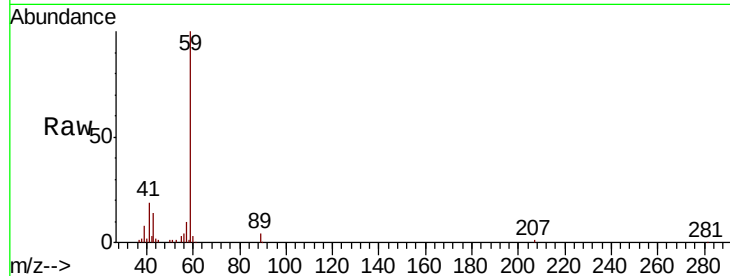


#11

Tert butyl alcohol
 Concen: 243.540 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

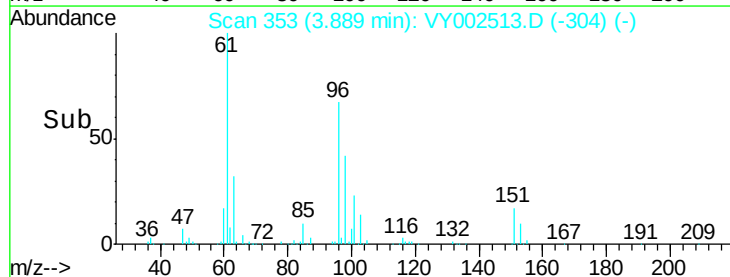
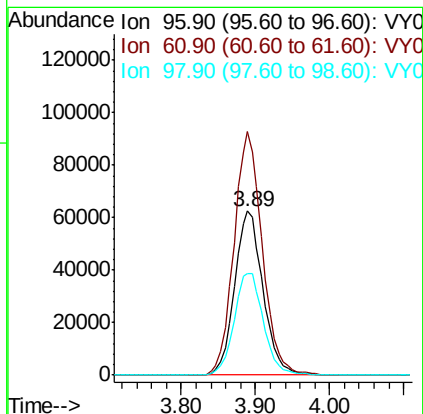
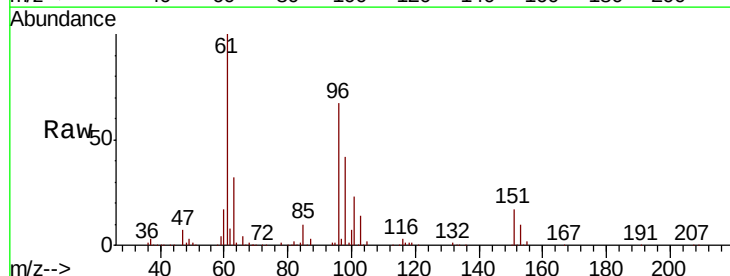
Tot Ion: 59 Resp: 78566
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

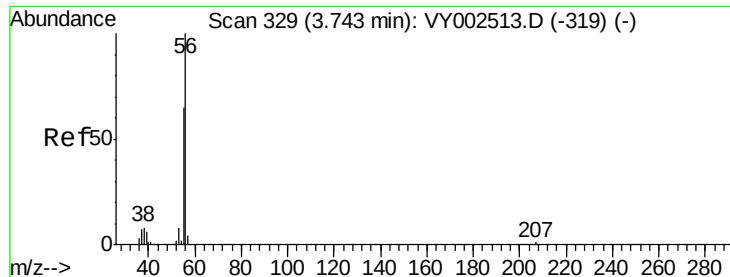


#12

1,1-Dichloroethene
 Concen: 52.030 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 96 Resp: 167032
 Ion Ratio Lower Upper
 96 100
 61 148.5 118.8 178.2
 98 62.0 49.6 74.4





#13

Acrolein

Concen: 271.693 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

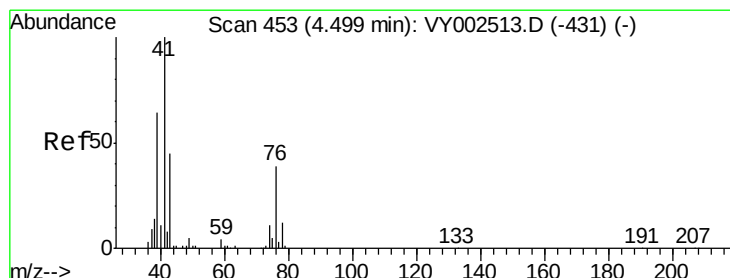
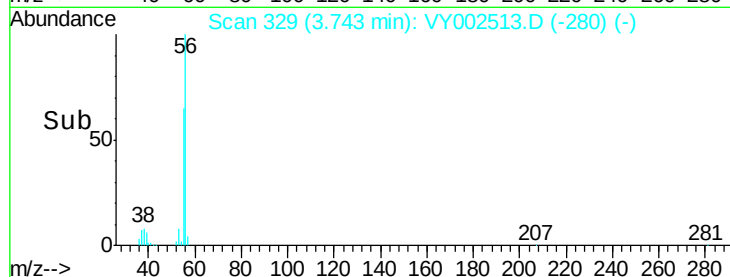
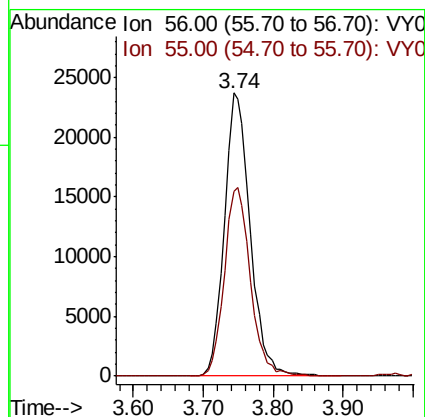
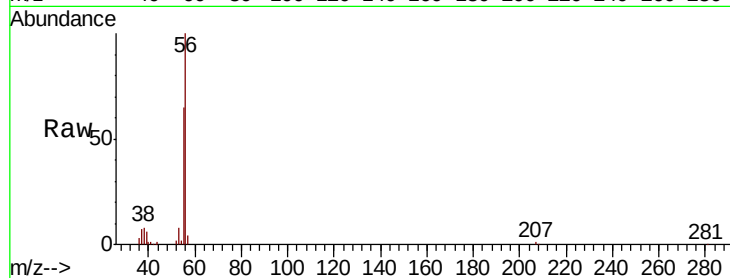
VSTDICCC050

Tot Ion: 56 Resp: 60609

Ion Ratio Lower Upper

56 100

55 67.2 53.8 80.6



#14

Allyl chloride

Concen: 53.080 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

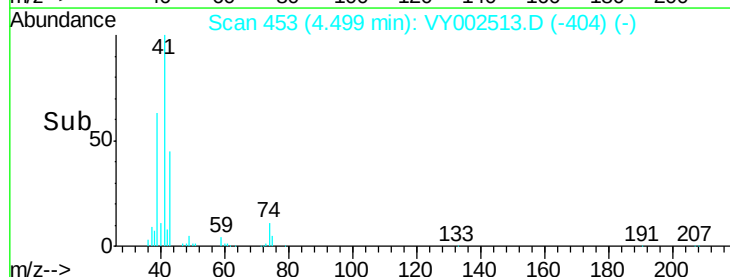
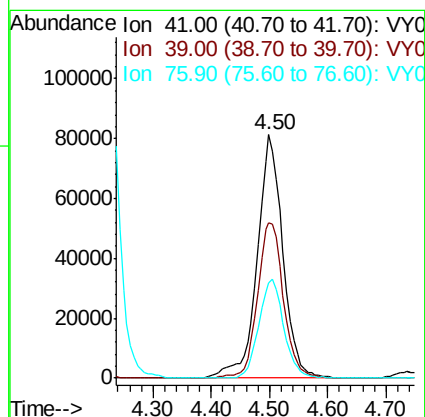
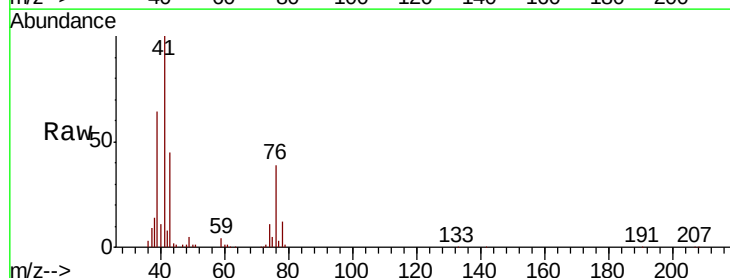
Tgt Ion: 41 Resp: 248282

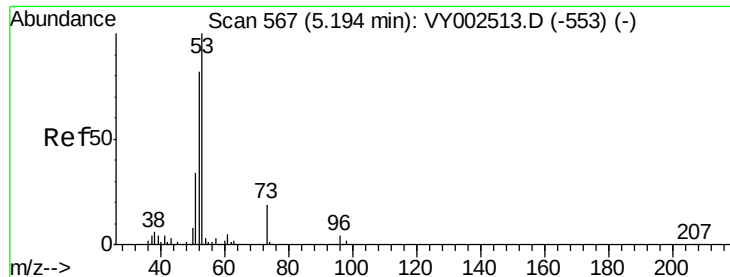
Ion Ratio Lower Upper

41 100

39 64.7 51.8 77.6

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 262.631 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

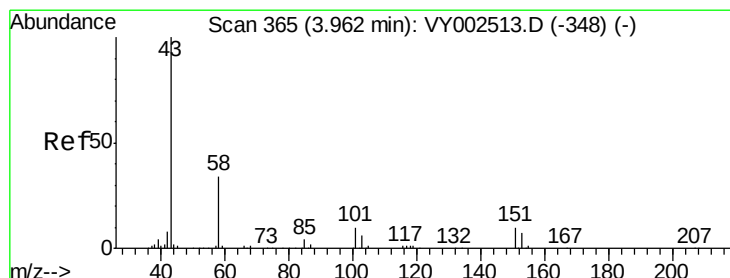
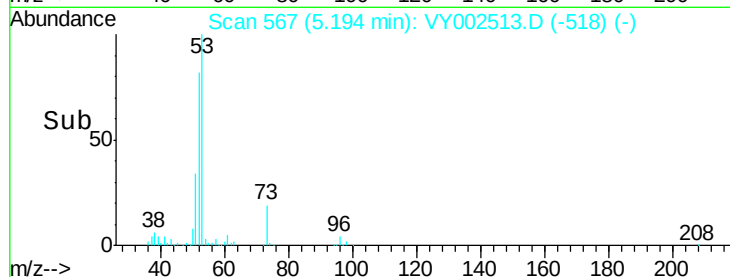
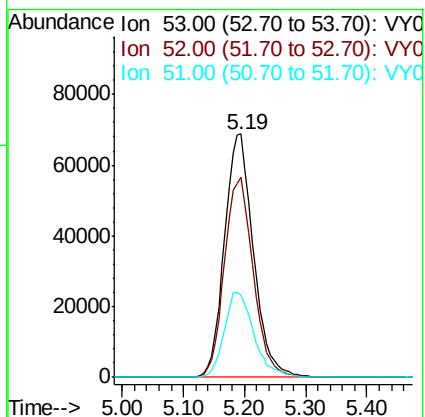
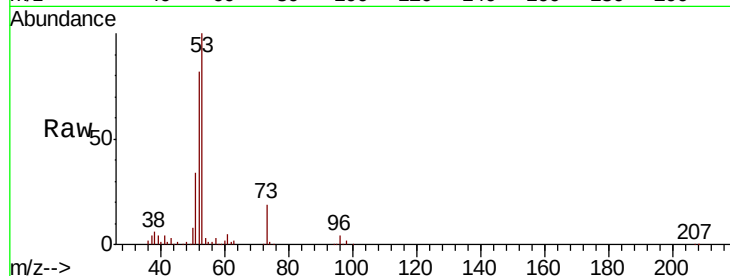
Tot Ion: 53 Resp: 225043

Ion Ratio Lower Upper

53 100

52 81.7 65.4 98.0

51 35.9 28.7 43.1



#16

Acetone

Concen: 263.240 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002513.D

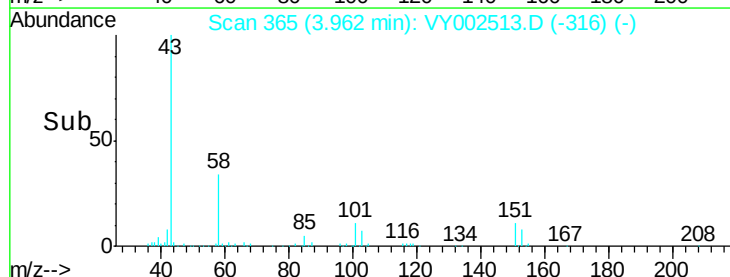
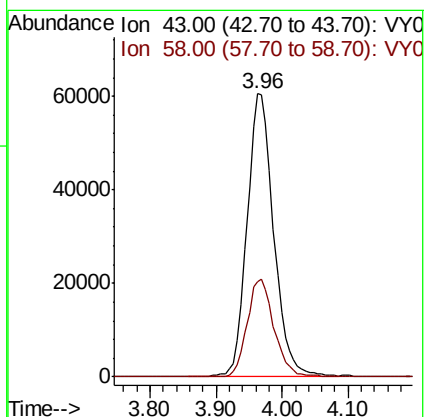
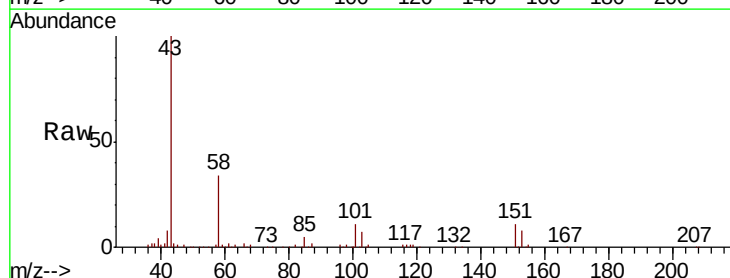
Acq: 30 Apr 2020 15:23

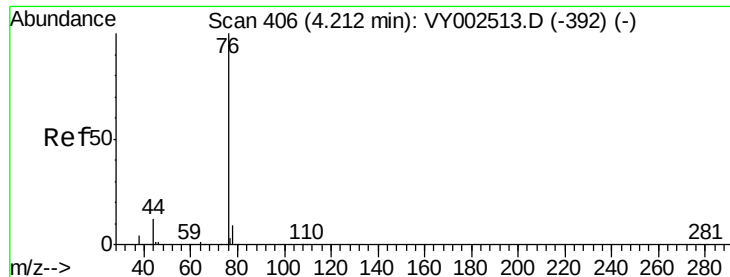
Tgt Ion: 43 Resp: 170348

Ion Ratio Lower Upper

43 100

58 33.6 26.9 40.3





#17

Carbon Disulfide

Concen: 54.651 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

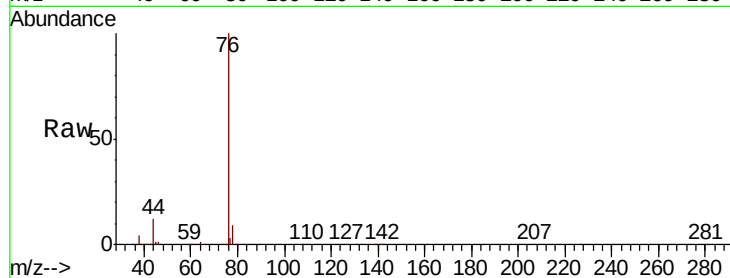
VSTDICCC050

Tot Ion: 76 Resp: 527817

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.21

200000

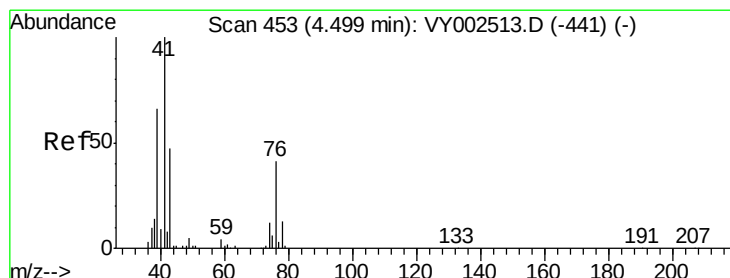
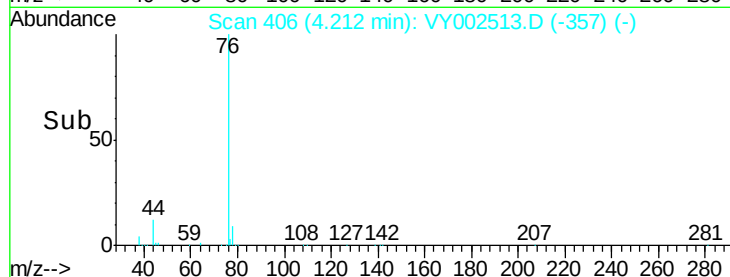
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 50.807 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002513.D

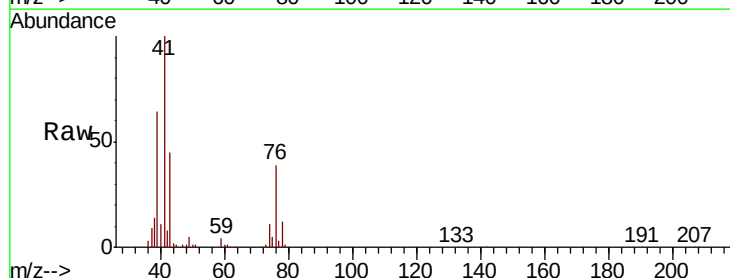
Acq: 30 Apr 2020 15:23

Tgt Ion: 43 Resp: 109855

Ion Ratio Lower Upper

43 100

74 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.50

40000

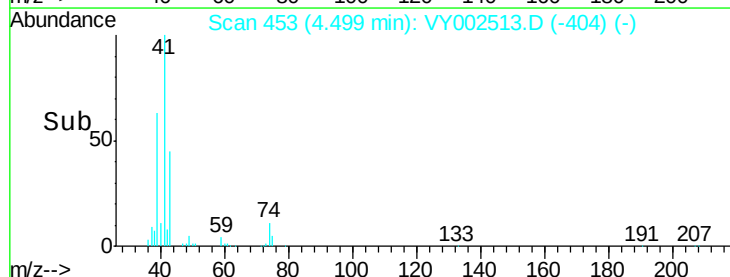
30000

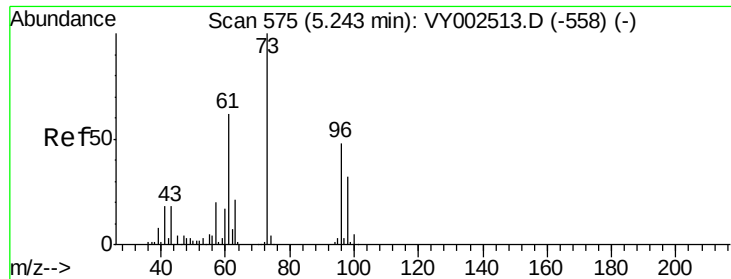
20000

10000

0

Time--> 4.40 4.50 4.60 4.70

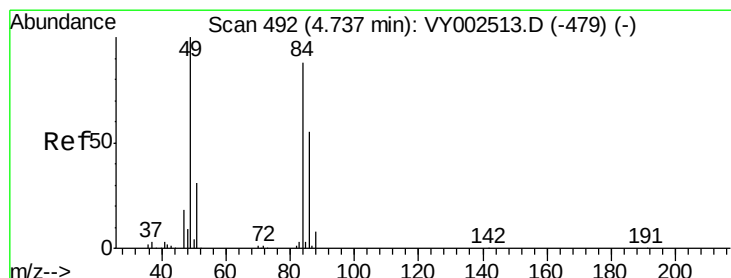
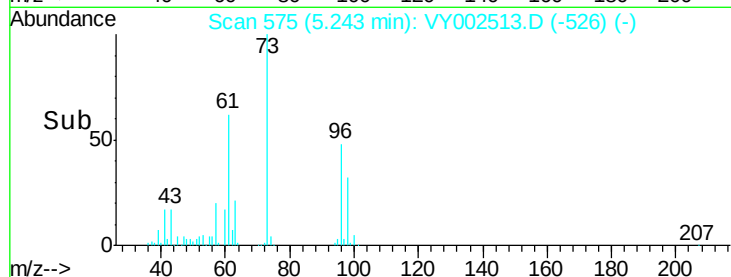
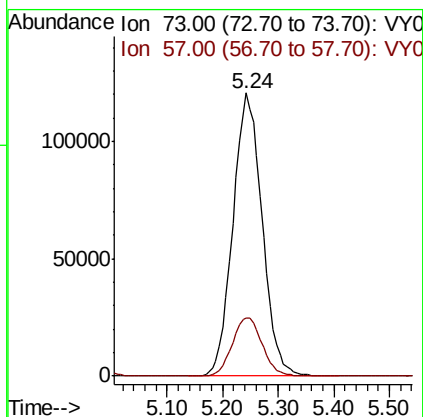
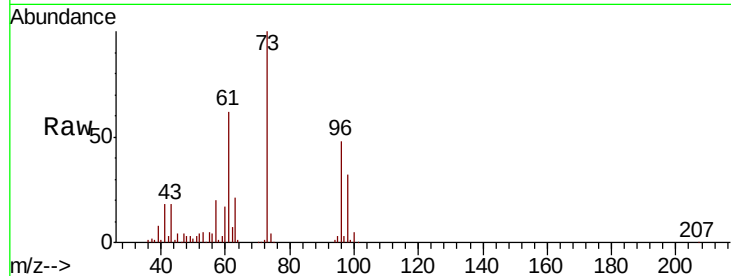




#19
Methyl tert-butyl Ether
Concen: 52.410 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

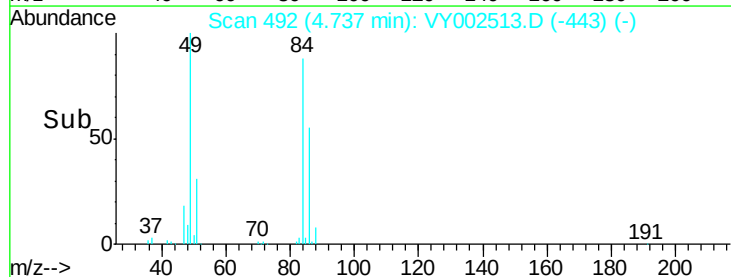
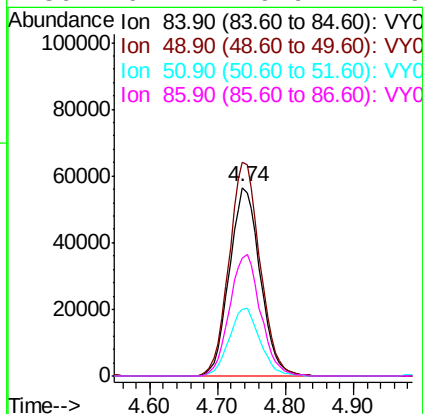
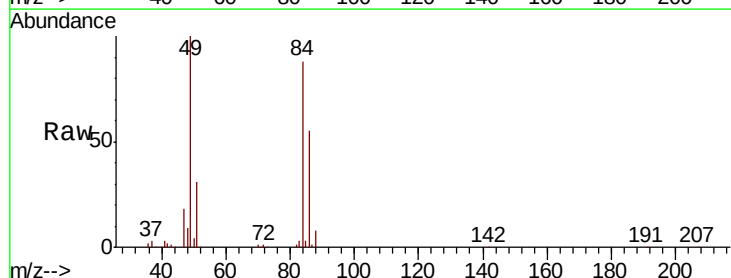
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

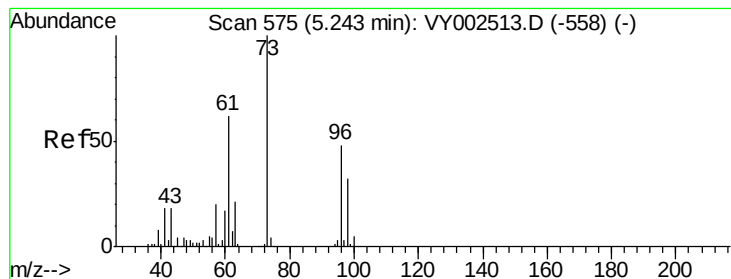
Tot Ion: 73 Resp: 438971
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5



#20
Methylene Chloride
Concen: 49.051 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 84 Resp: 177503
Ion Ratio Lower Upper
84 100
49 113.1 90.5 135.7
51 35.4 28.3 42.5
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 52.375 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

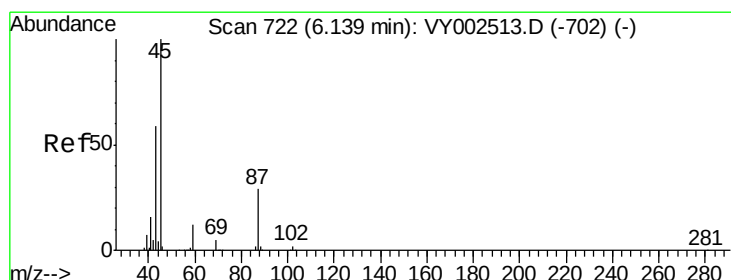
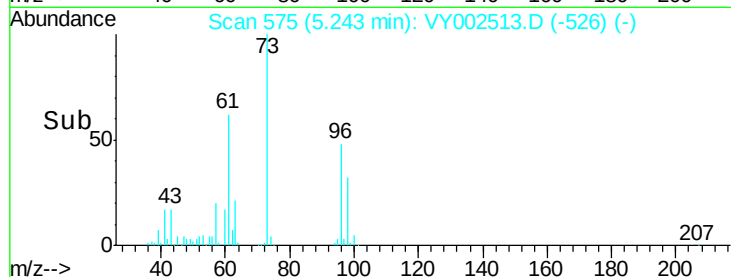
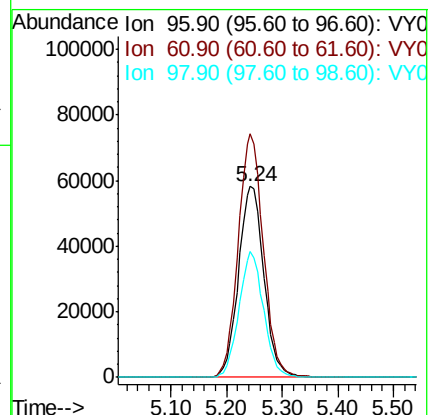
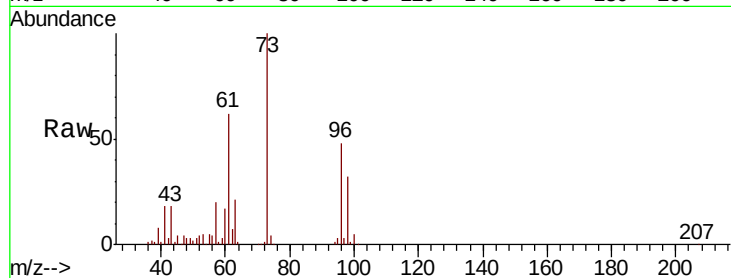
Tot Ion: 96 Resp: 183775

Ion Ratio Lower Upper

96 100

61 127.5 102.0 153.0

98 66.2 53.0 79.4



#22

Diisopropyl ether

Concen: 52.266 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion: 45 Resp: 494661

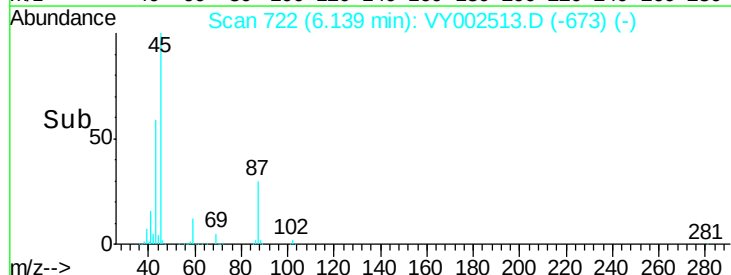
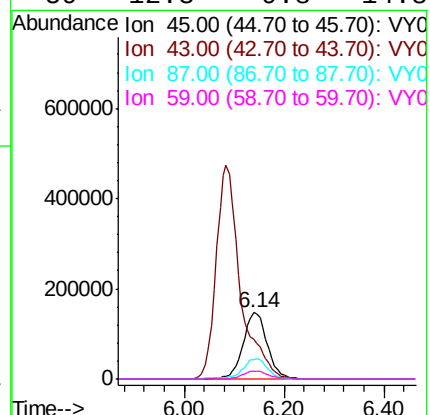
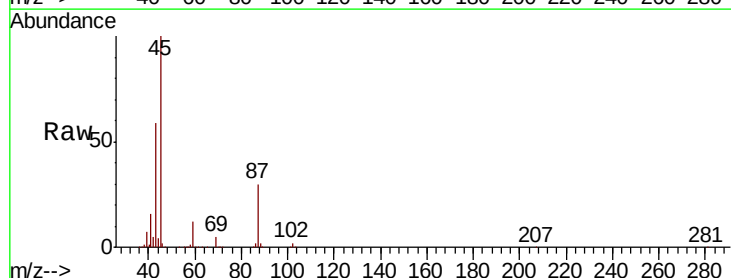
Ion Ratio Lower Upper

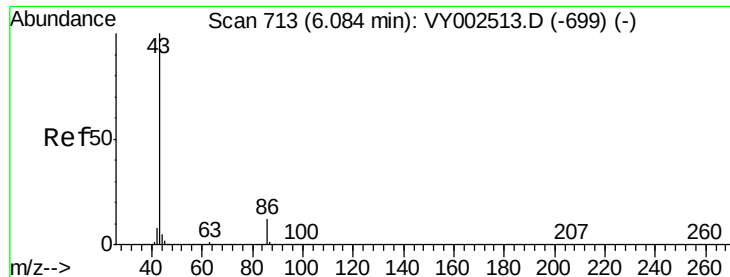
45 100

43 59.2 47.4 71.0

87 30.0 24.0 36.0

59 12.3 9.8 14.8





#23

Vinyl Acetate

Concen: 268.269 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

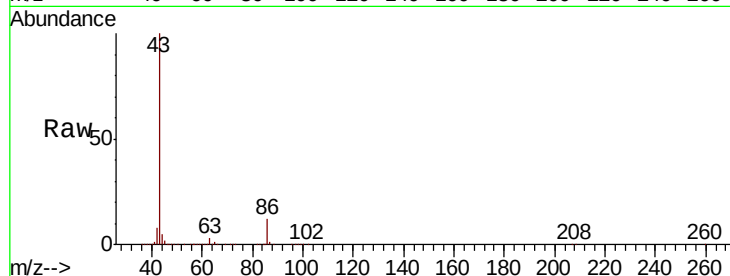
VSTDICCC050

Tot Ion: 43 Resp: 1596750

Ion Ratio Lower Upper

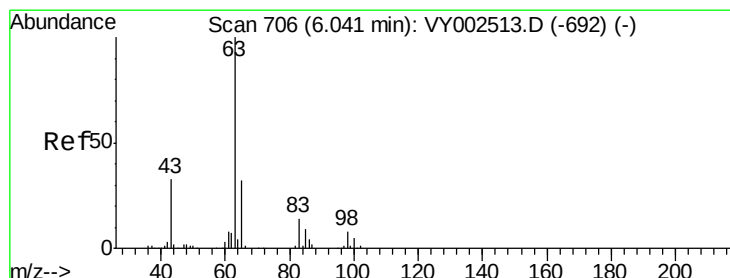
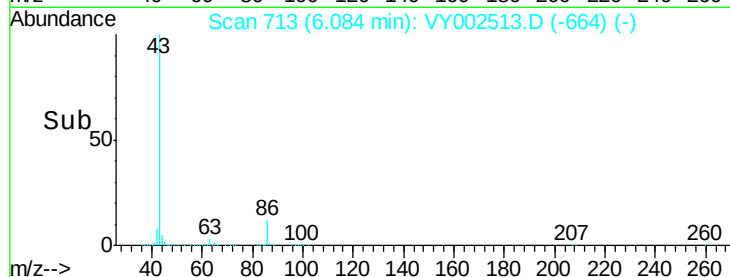
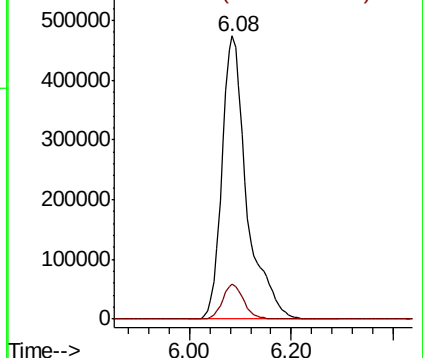
43 100

86 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.711 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

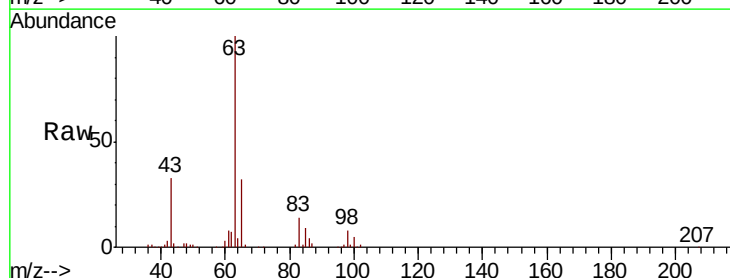
Tgt Ion: 63 Resp: 295129

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

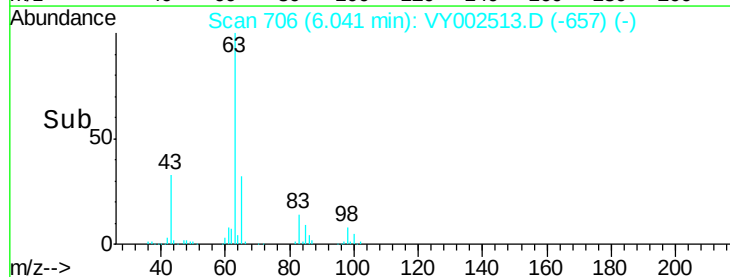
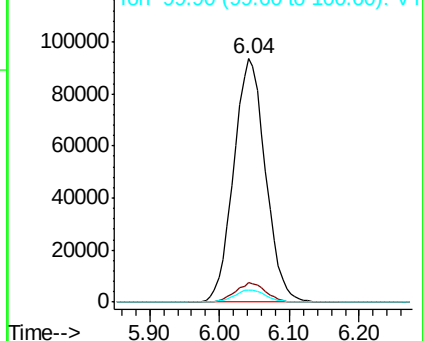
100 4.8 2.4 7.2

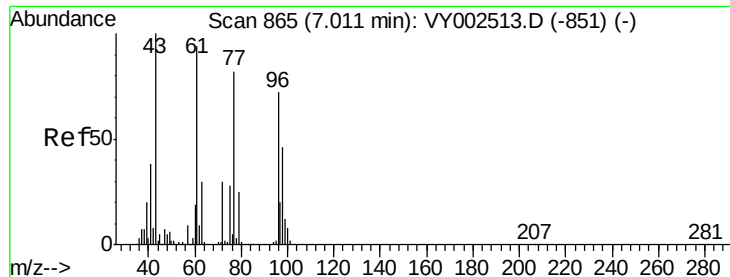


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 262.252 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

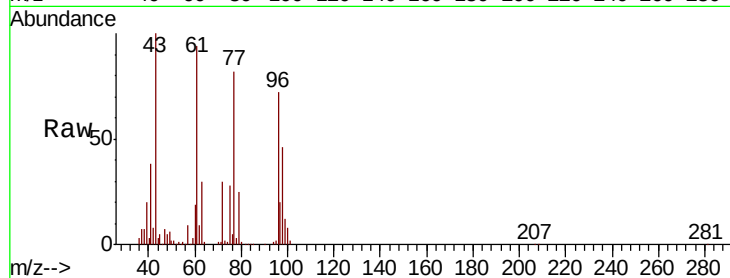
VSTDICCC050

Tot Ion: 43 Resp: 277802

Ion Ratio Lower Upper

43 100

72 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

120000

100000

80000

60000

40000

20000

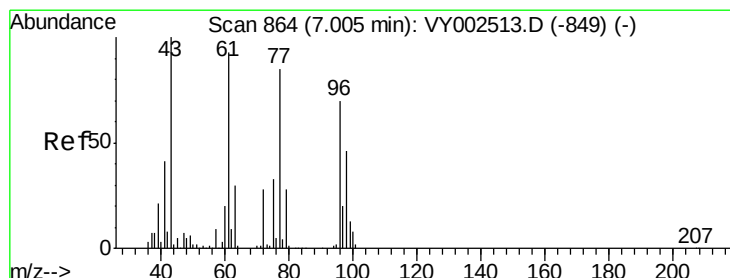
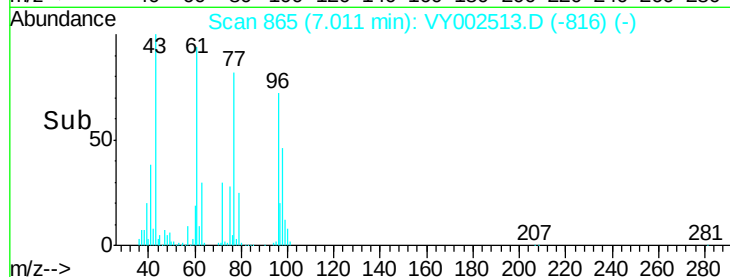
0

7.01

7.05

7.10

Time-->



#26

2,2-Dichloropropane

Concen: 50.041 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002513.D

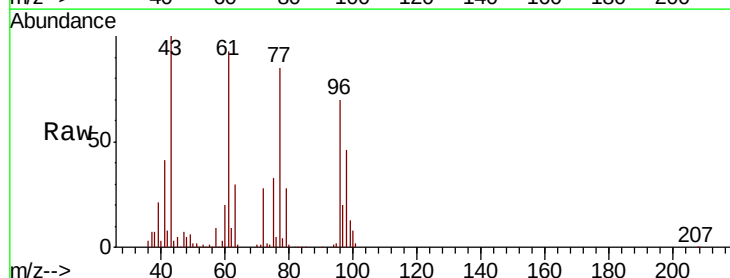
Acq: 30 Apr 2020 15:23

Tgt Ion: 77 Resp: 266319

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

40000

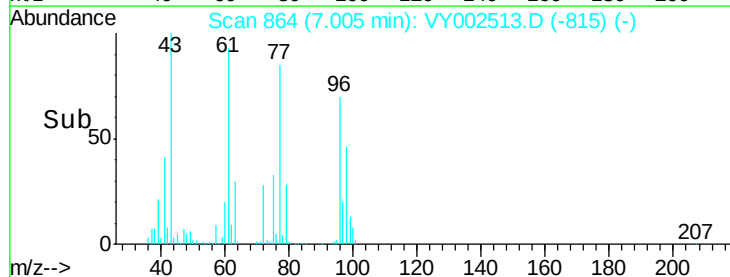
20000

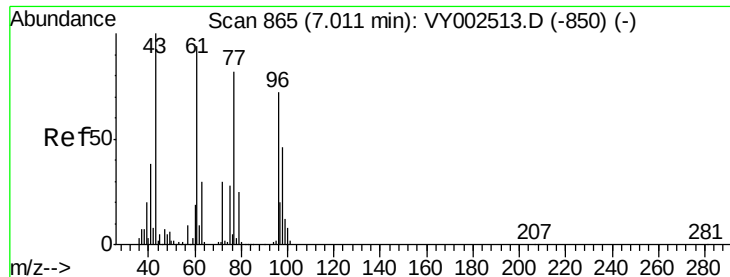
0

7.00

7.10

Time-->

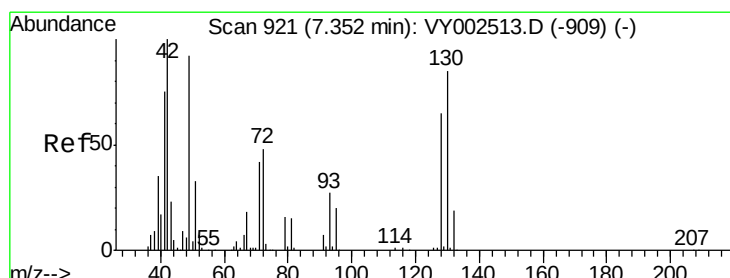
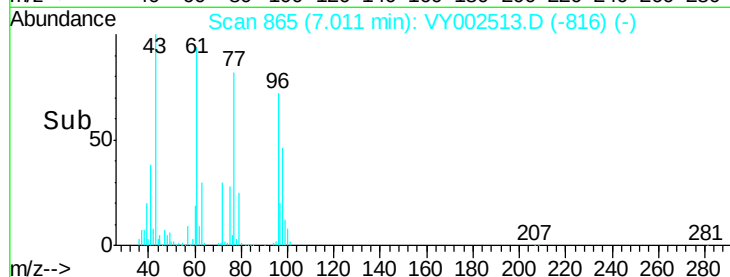
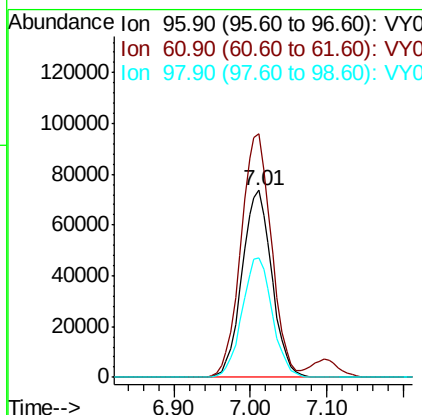
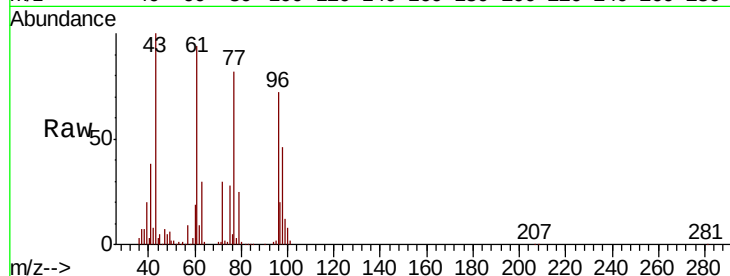




#27
 cis-1,2-Dichloroethene
 Concen: 51.425 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

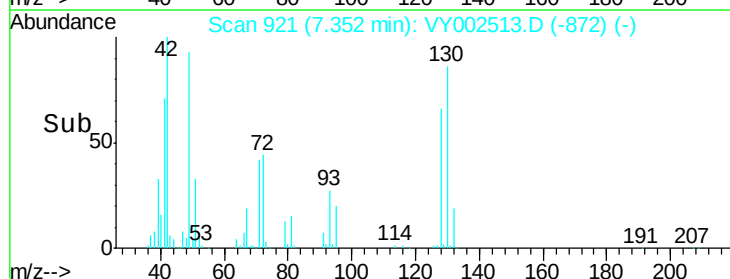
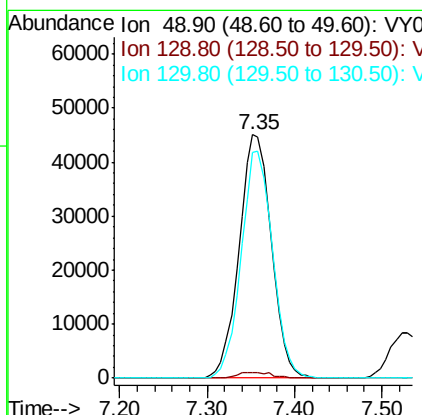
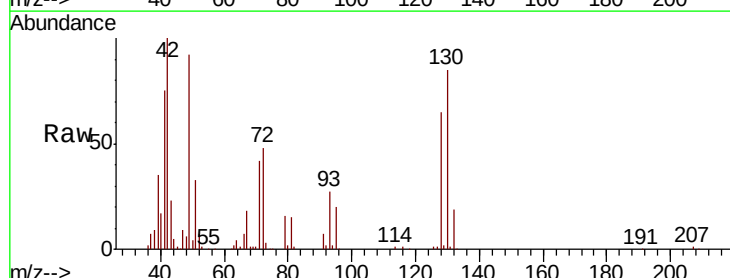
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

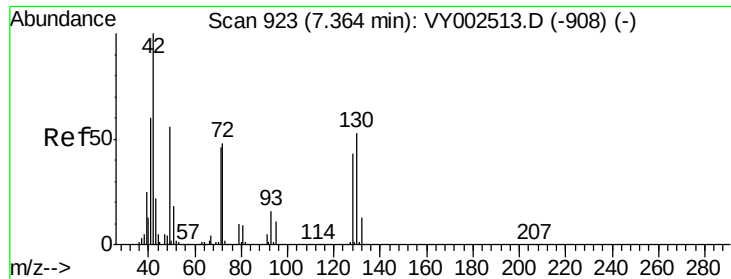
Tot Ion: 96 Resp: 199654
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 266.6
 98 64.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 50.426 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 49 Resp: 115678
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.6 72.5 108.7





#29

Tetrahydrofuran

Concen: 266.079 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampled :

VSTDICCC050

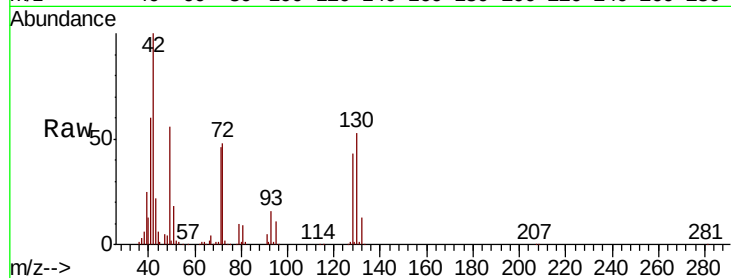
Tot Ion: 42 Resp: 186481

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

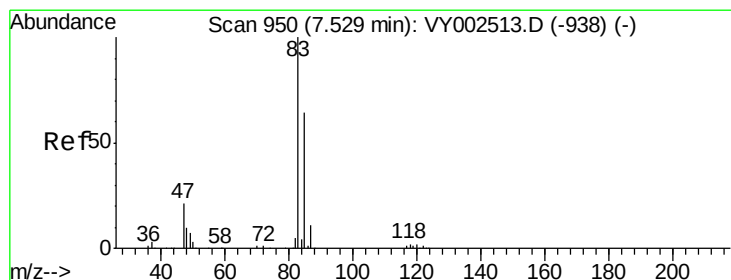
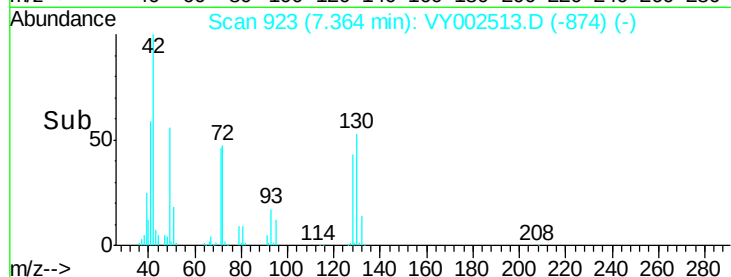
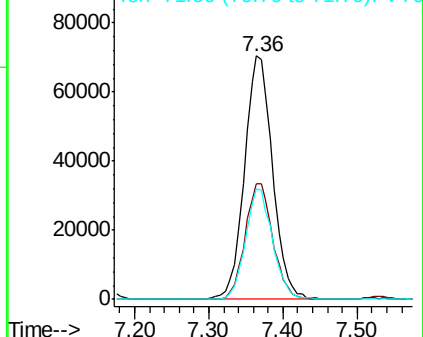
71 43.7 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.723 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY002513.D

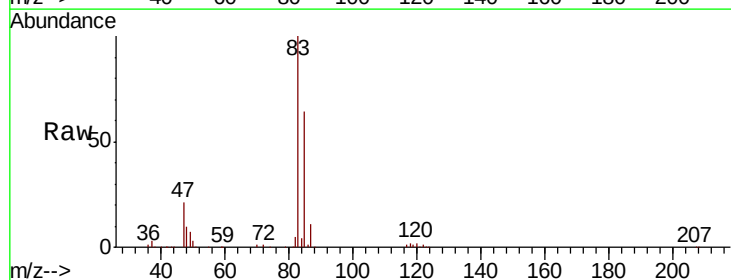
Acq: 30 Apr 2020 15:23

Tgt Ion: 83 Resp: 301117

Ion Ratio Lower Upper

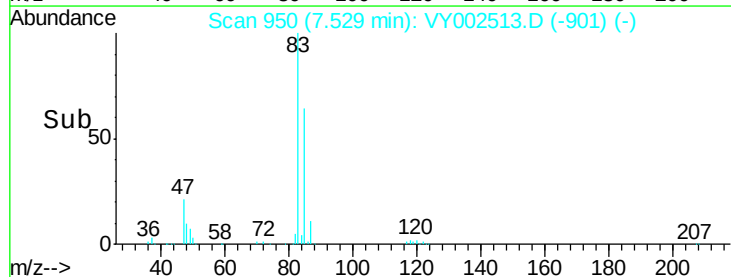
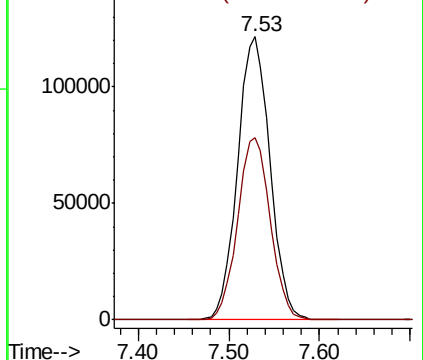
83 100

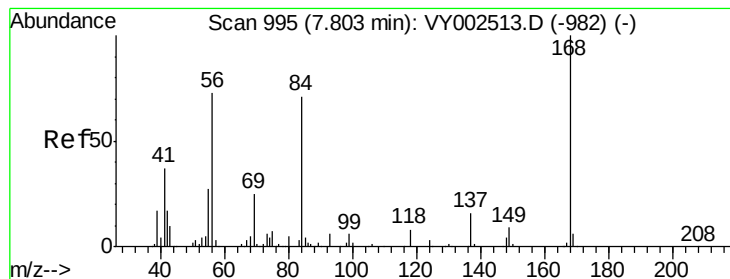
85 64.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 50.163 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

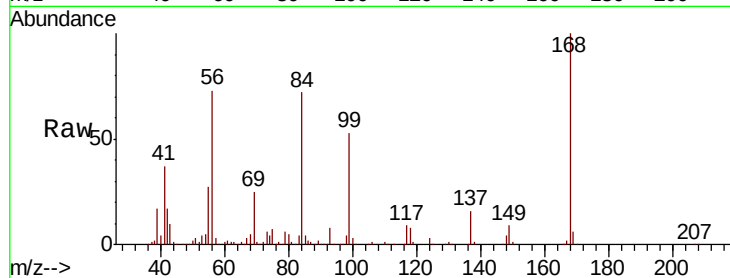
Tot Ion: 56 Resp: 282710

Ion Ratio Lower Upper

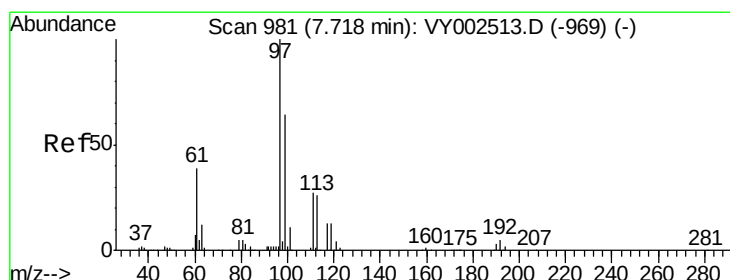
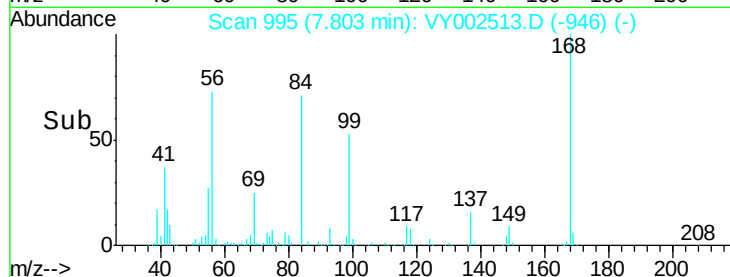
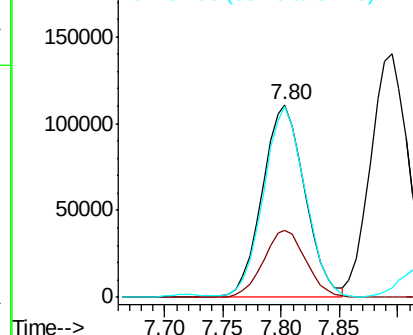
56 100

69 34.5 27.6 41.4

84 97.1 77.7 116.5



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: 51.864 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

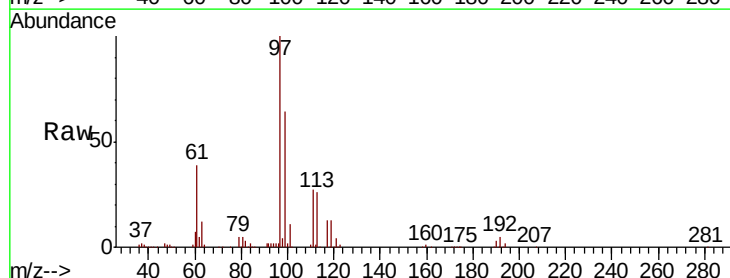
Tgt Ion: 97 Resp: 280643

Ion Ratio Lower Upper

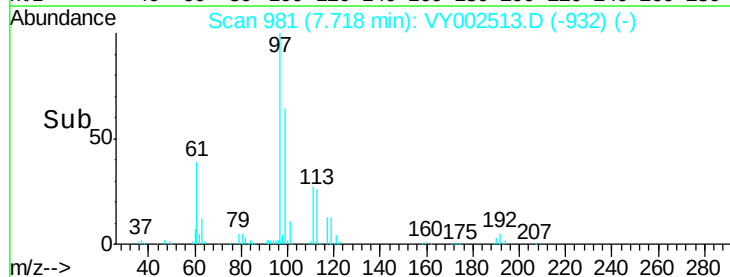
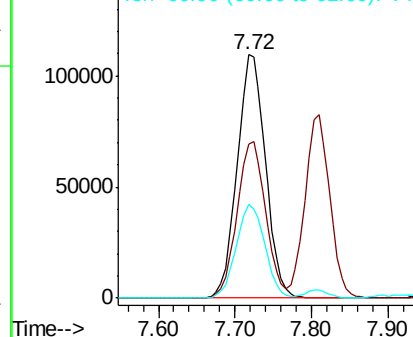
97 100

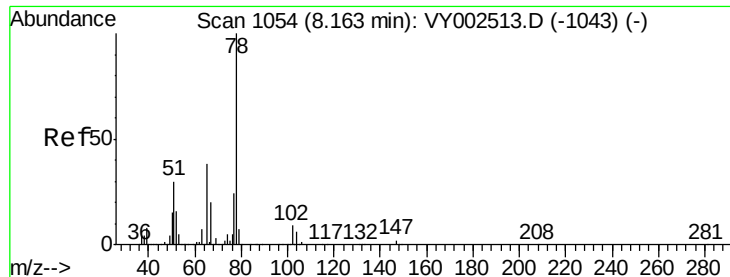
99 64.9 51.9 77.9

61 38.8 31.0 46.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

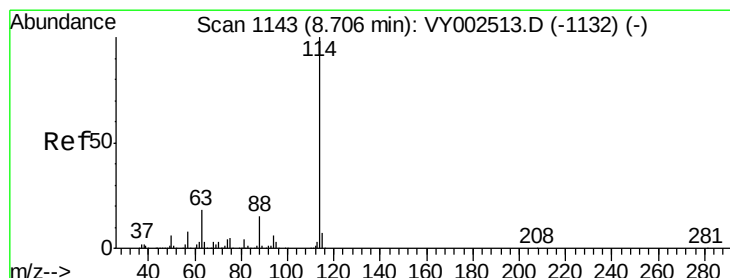
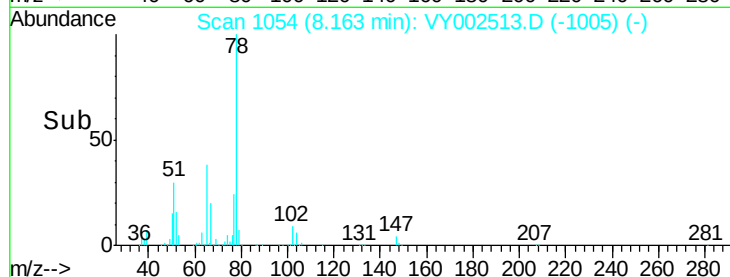
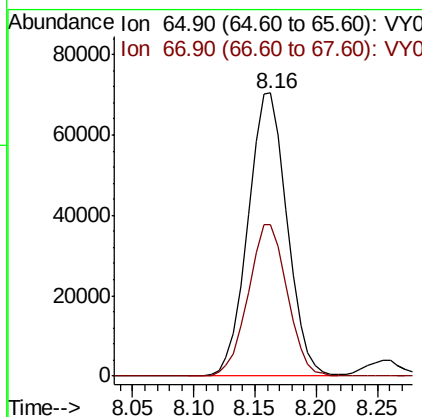
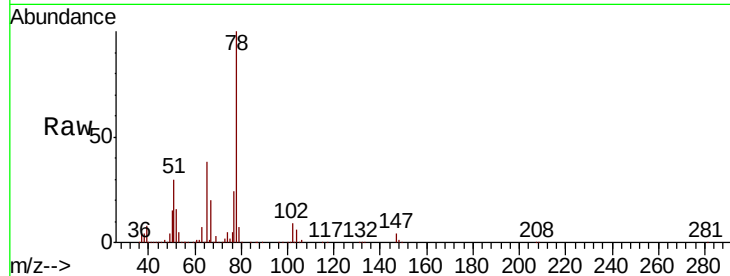




#33
 1,2-Dichloroethane-d4
 Concen: 49.957 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

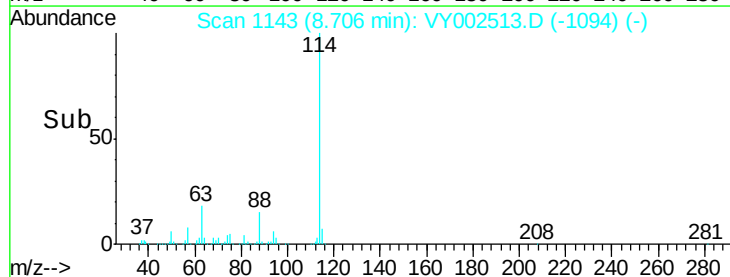
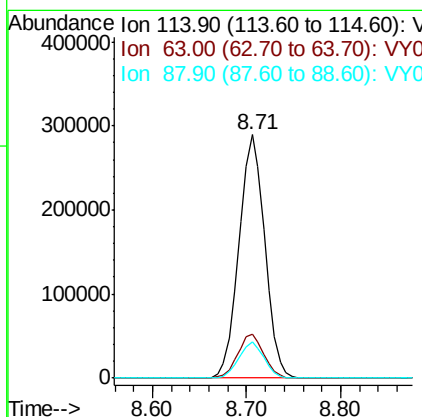
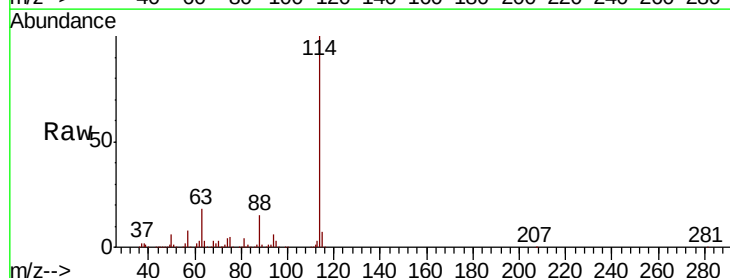
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

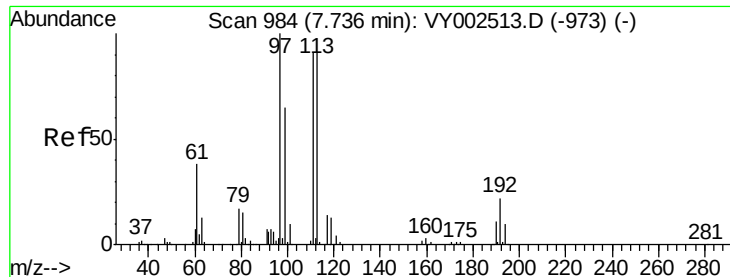
Tot Ion: 65 Resp: 156646
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 114 Resp: 553405
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 14.8 0.0 29.6

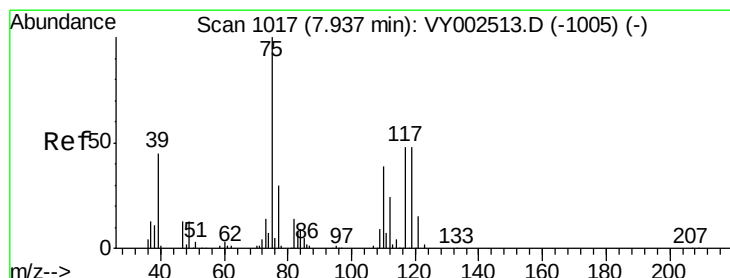
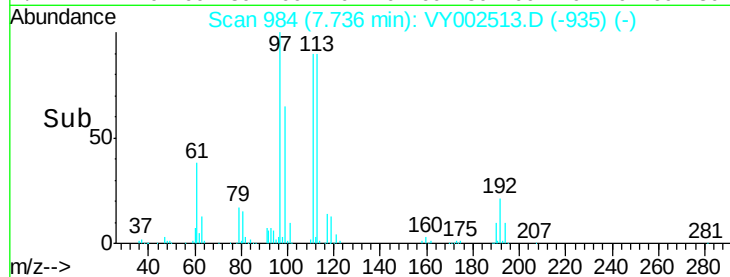
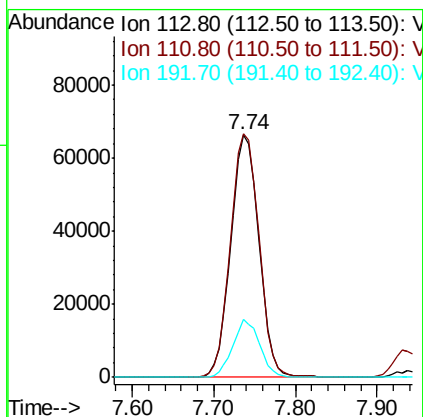
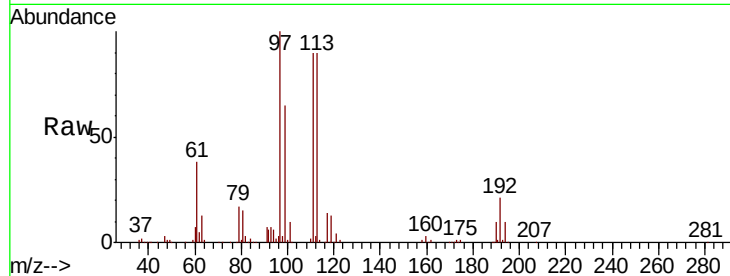




#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

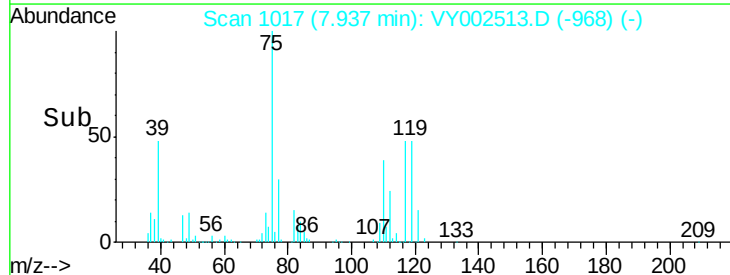
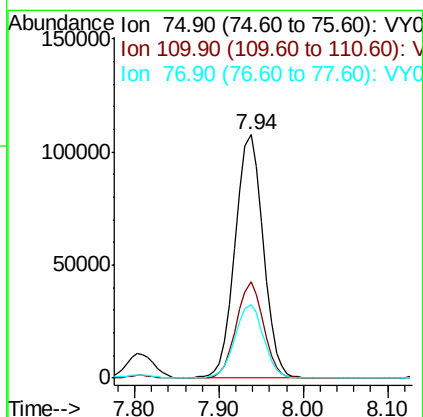
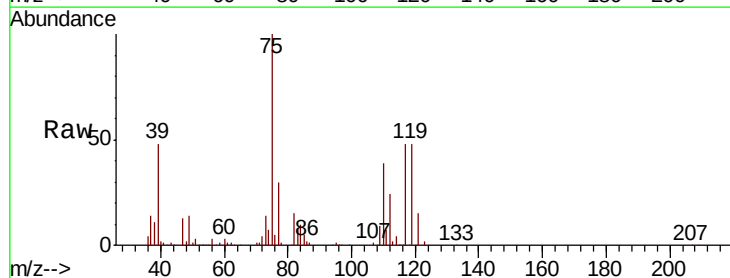
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

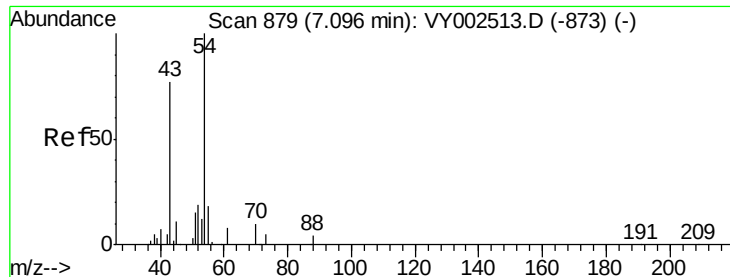
Tot Ion:113 Resp: 157969
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 22.8 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 52.159 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 75 Resp: 241977
 Ion Ratio Lower Upper
 75 100
 110 38.2 19.1 57.3
 77 30.8 24.6 37.0

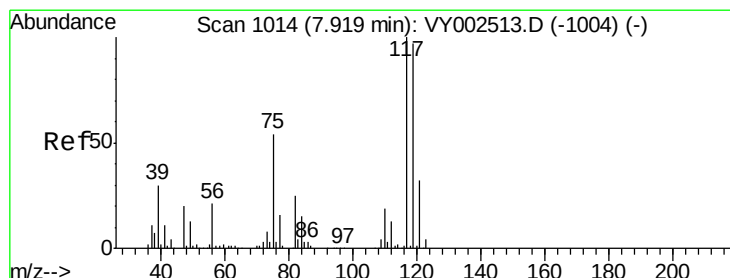
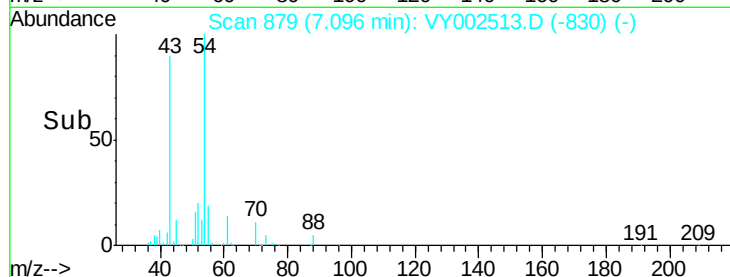
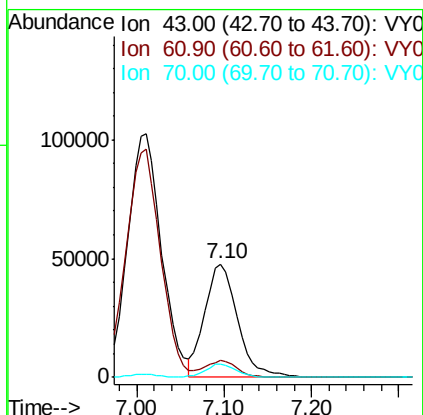
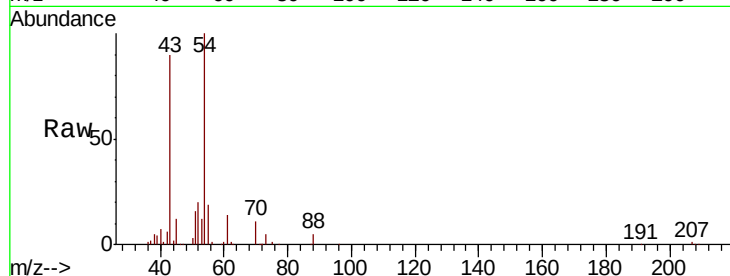




#37
Ethyl Acetate
Concen: 52.163 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

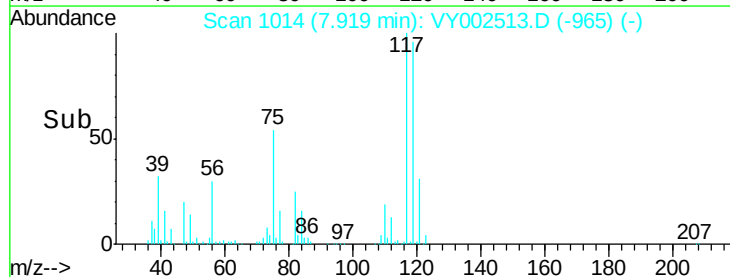
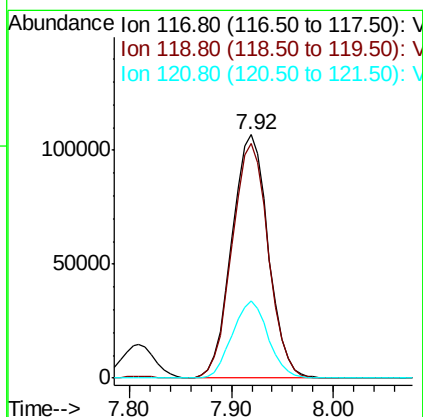
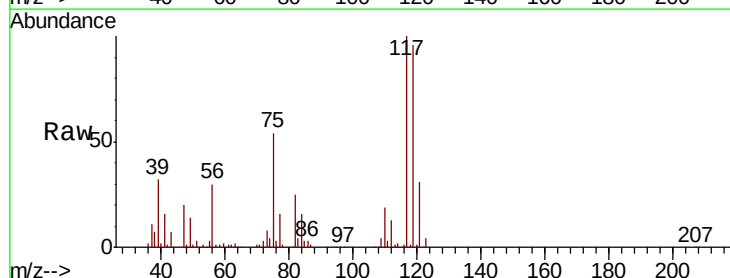
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

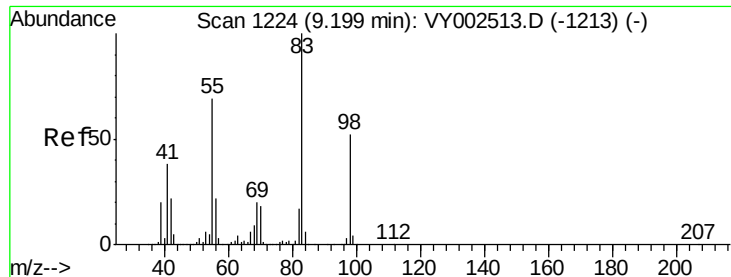
Tot Ion: 43 Resp: 124357
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.273 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 117 Resp: 264757
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
121 31.5 25.2 37.8

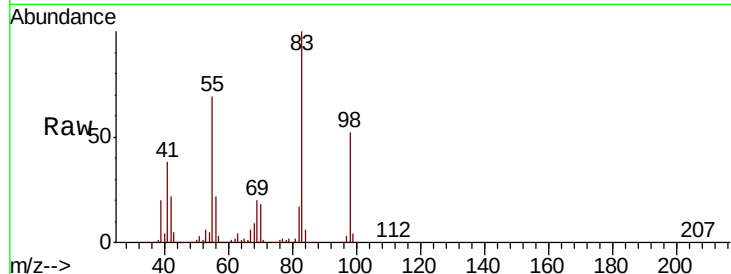




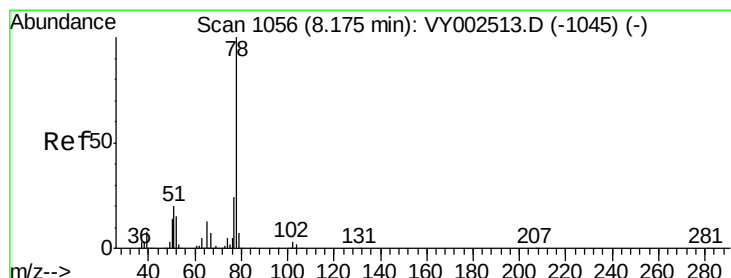
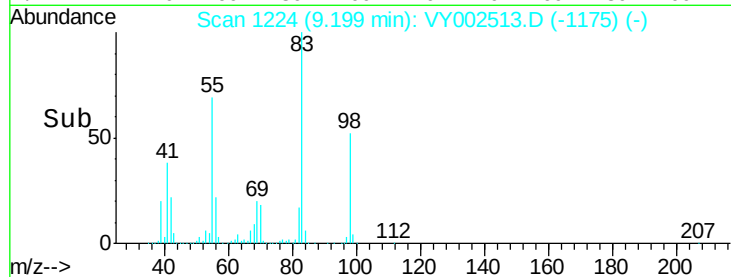
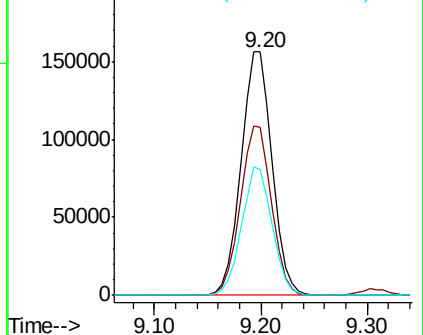
#39
Methylvlcyclohexane
Concen: 52.145 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	83.00	Resp	319521
Ion	Ratio	Lower	Upper
83	100		
55	69.2	55.4	83.0
98	51.6	41.3	61.9

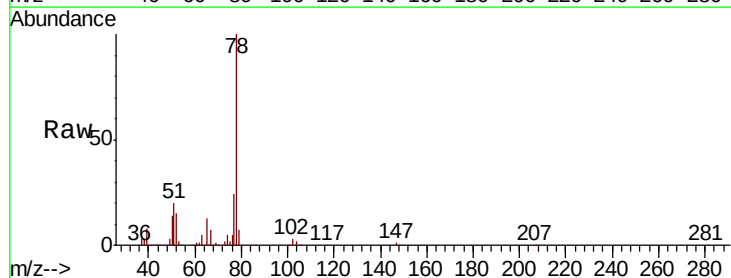


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

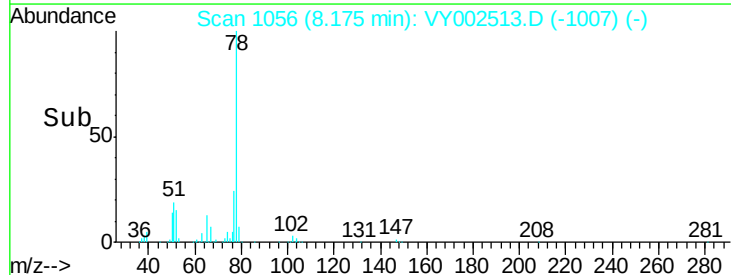
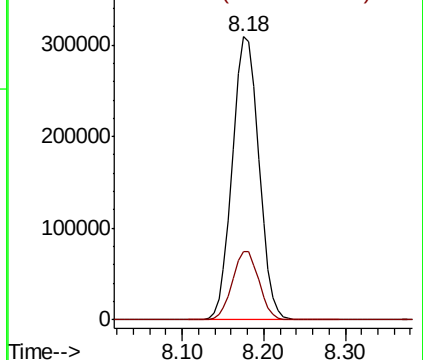


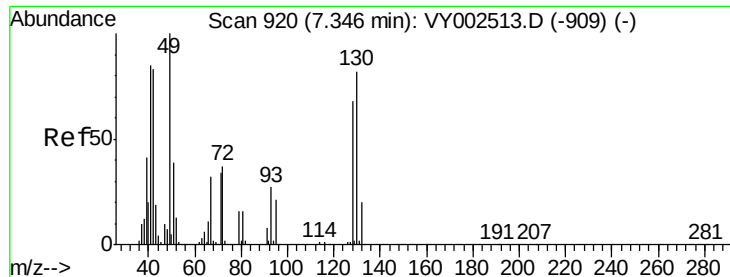
#40
Benzene
Concen: 51.695 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion	78.00	Resp	692671
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

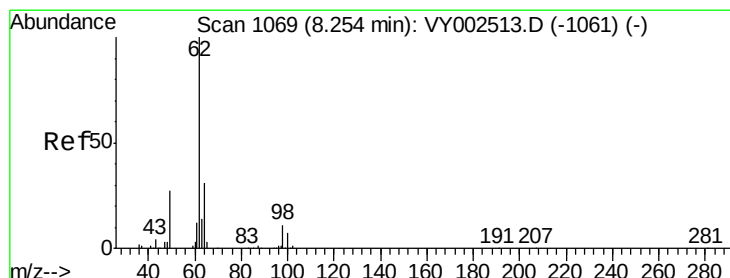
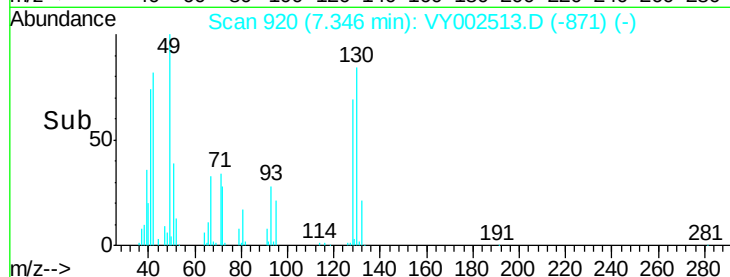
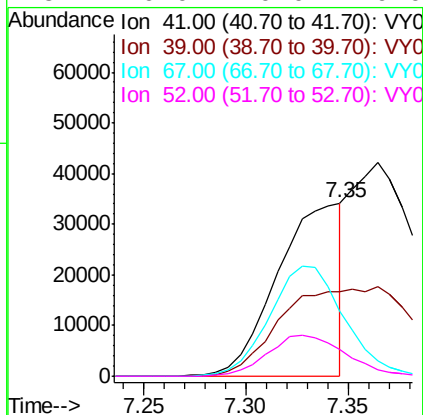
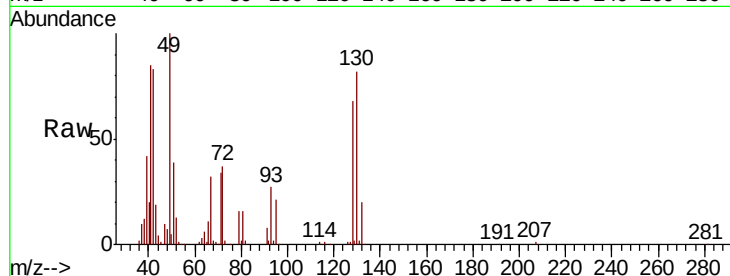




#41
Methacrylonitrile
Concen: 60.833 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

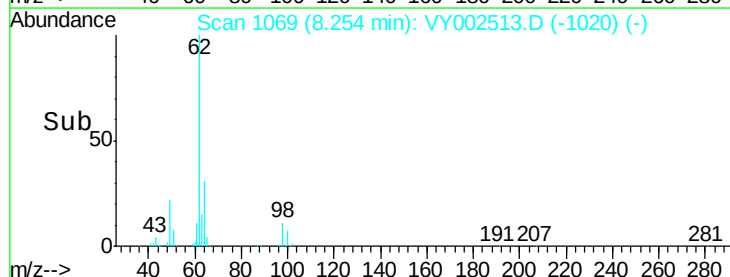
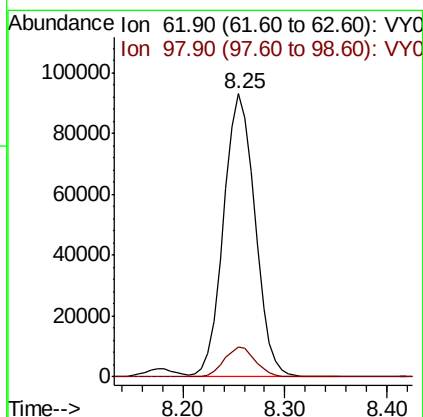
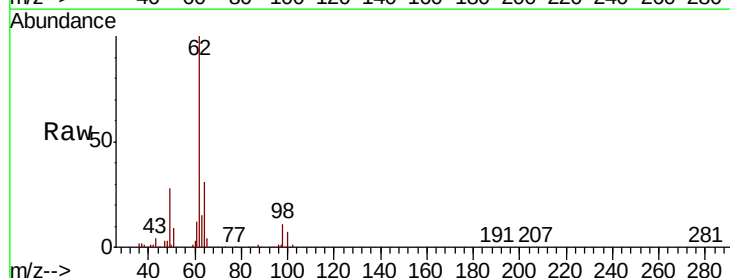
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

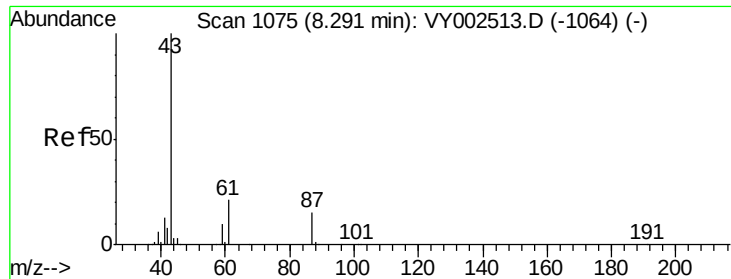
Tot Ion:	41	Resp:	75809
Ion	Ratio	Lower	Upper
41	100		
39	103.7	83.1	124.7
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.914 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:	62	Resp:	198875
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 52.609 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

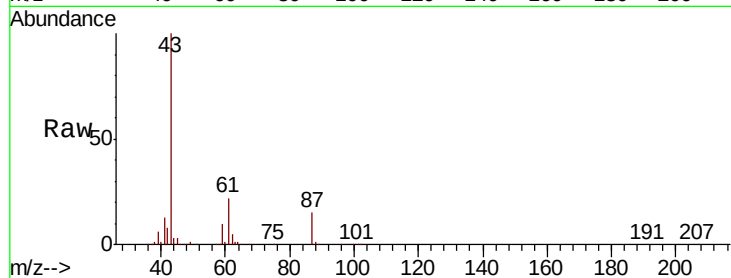
Tot Ion: 43 Resp: 235125

Ion Ratio Lower Upper

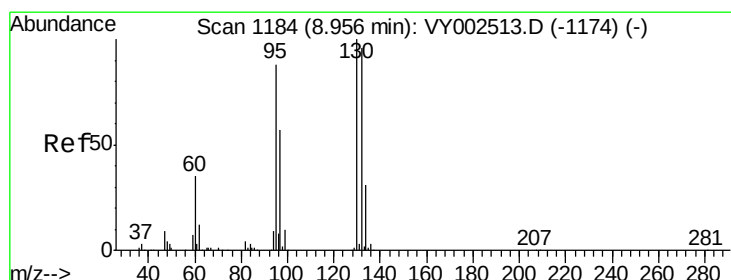
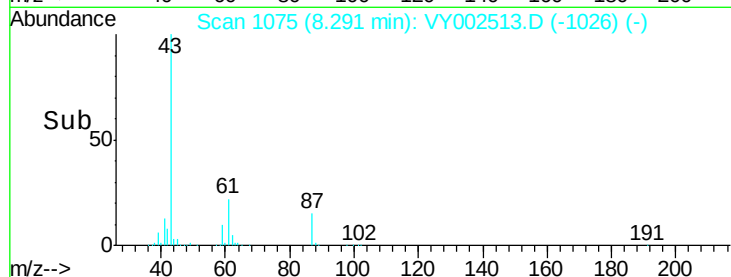
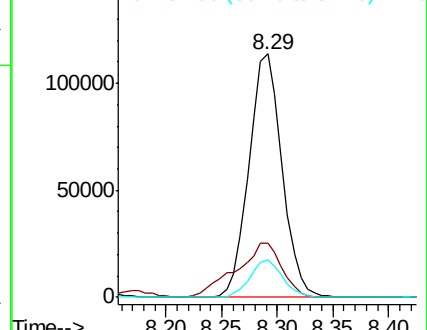
43 100

61 31.0 24.8 37.2

87 15.2 12.2 18.2



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



#44

Trichloroethene

Concen: 51.385 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002513.D

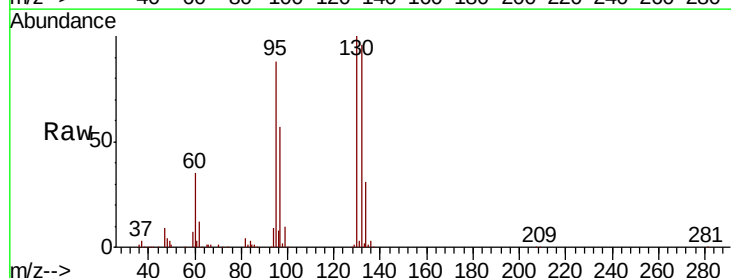
Acq: 30 Apr 2020 15:23

Tgt Ion:130 Resp: 215173

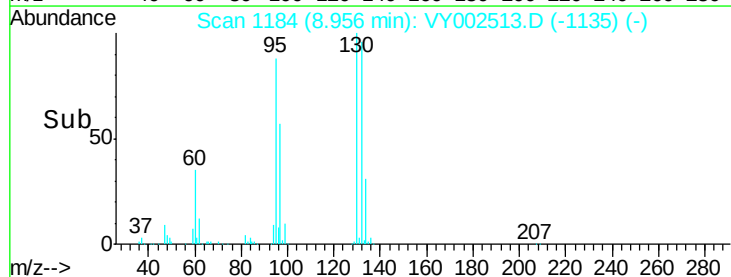
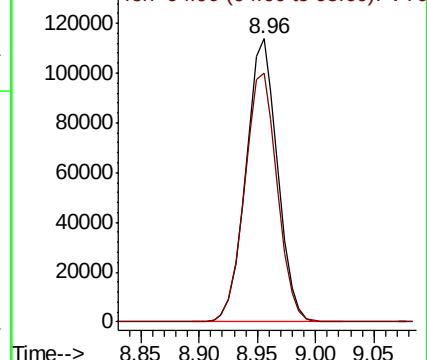
Ion Ratio Lower Upper

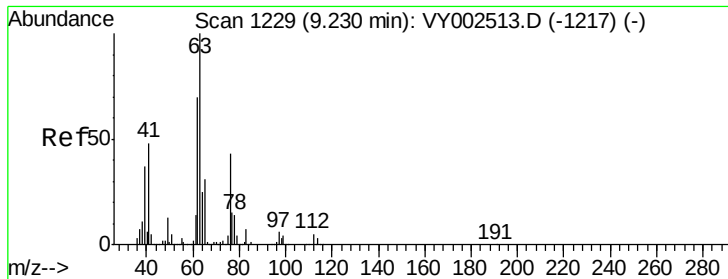
130 100

95 87.9 0.0 175.8



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

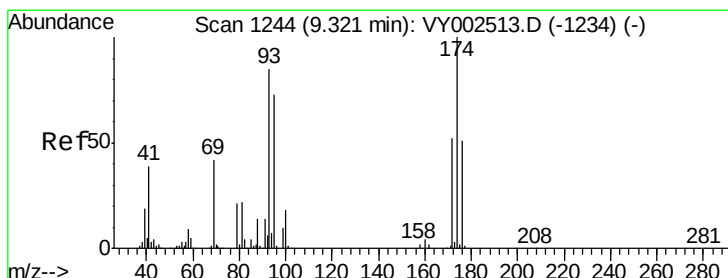
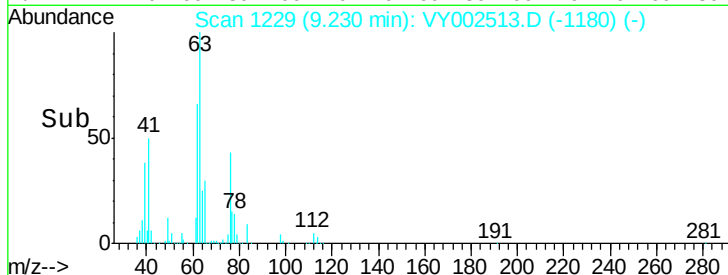
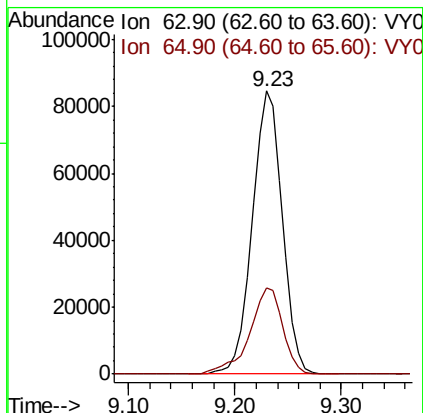
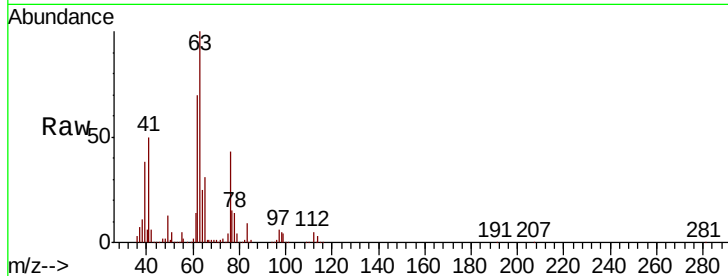




#45
 1,2-Dichloropropane
 Concen: 51.791 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

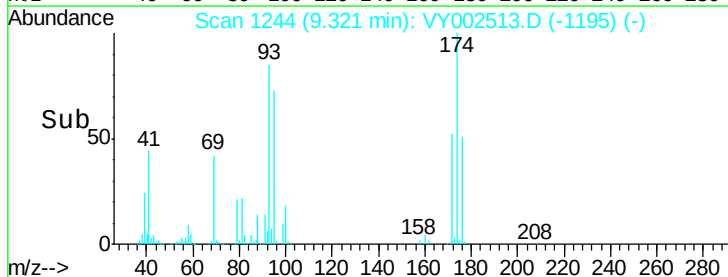
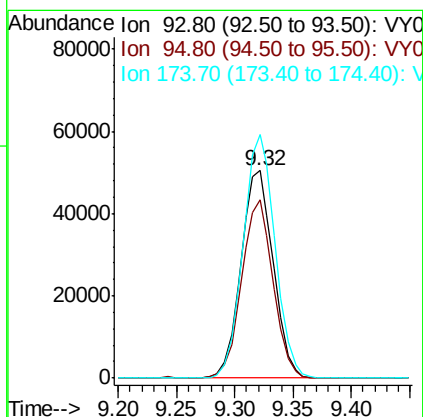
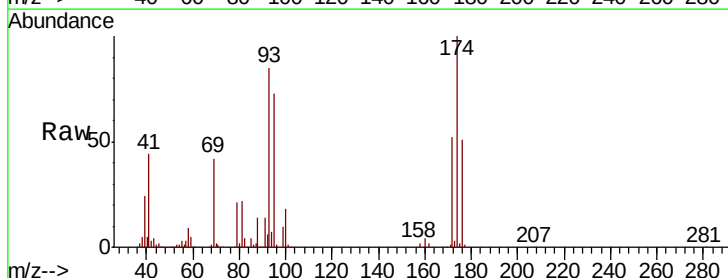
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

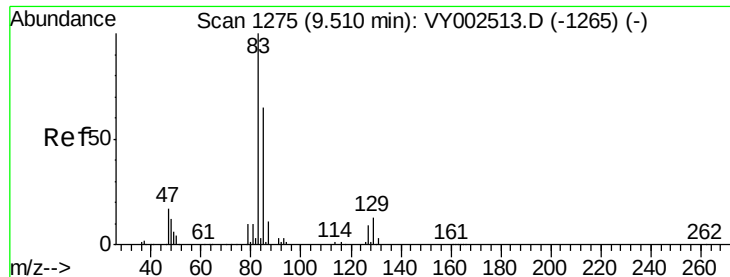
Tot Ion: 63 Resp: 167483
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7



#46
 Dibromomethane
 Concen: 52.288 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 93 Resp: 97288
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 115.9 92.7 139.1

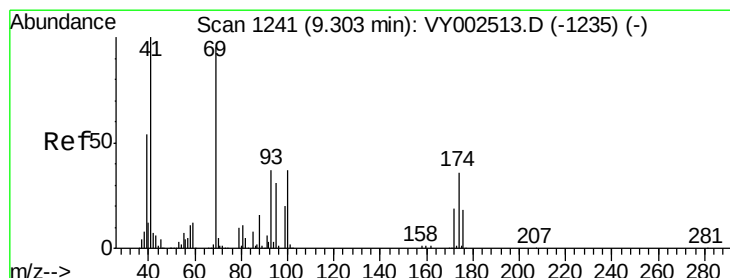
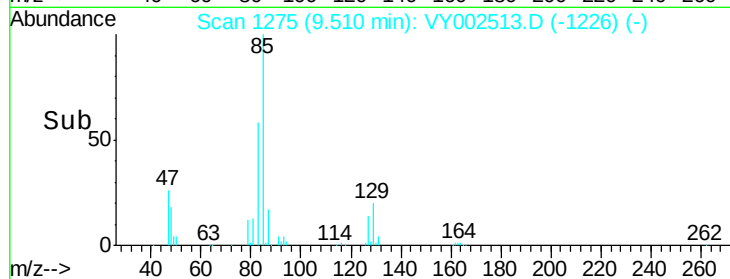
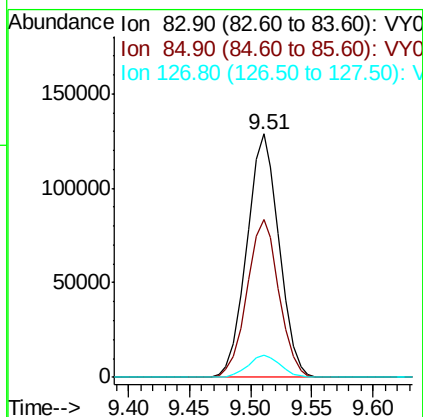
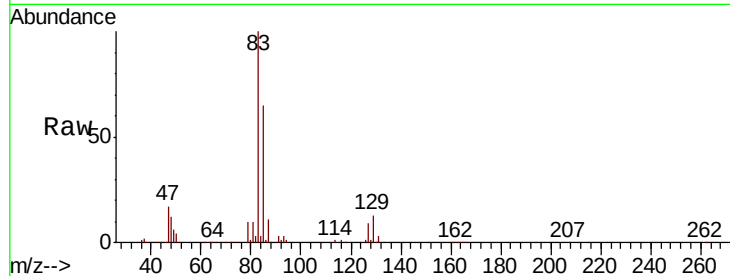




#47
 Bromodichloromethane
 Concen: 52.020 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

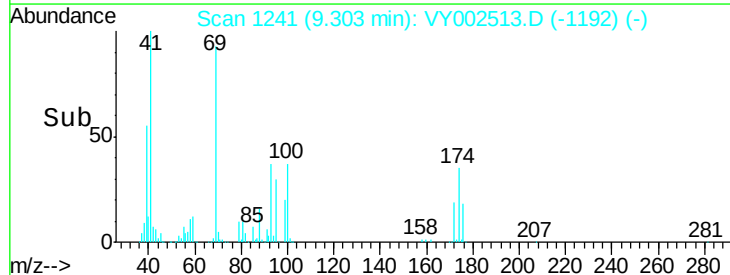
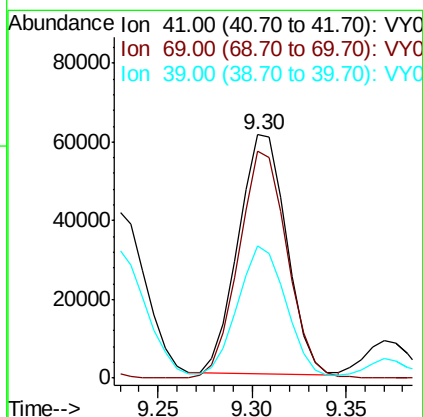
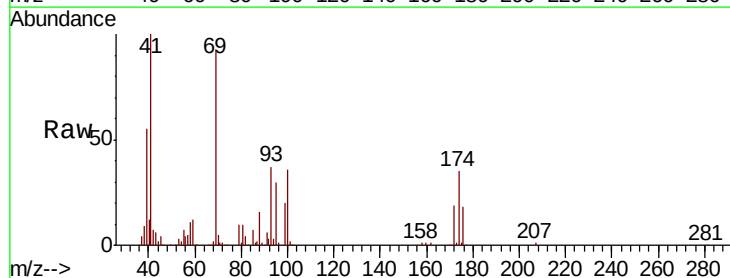
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

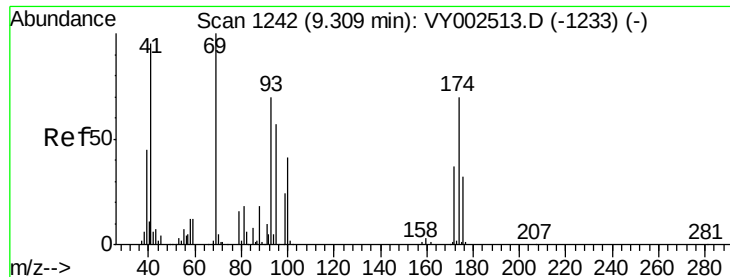
Tot Ion	83	Resp	235344
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.8
127	9.2	7.4	11.0



#48
 Methyl methacrylate
 Concen: 53.622 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	41	Resp	108459
Ion Ratio	Lower	Upper	
41	100		
69	95.3	76.2	114.4
39	53.4	42.7	64.1





#49

1,4-Dioxane

Concen: 1074.646 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

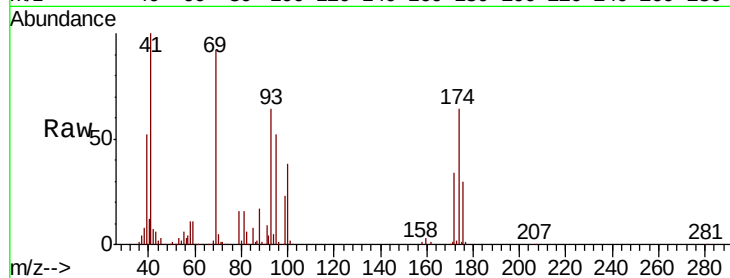
Tot Ion: 88 Resp: 26474

Ion Ratio Lower Upper

88 100

43 28.5 22.8 34.2

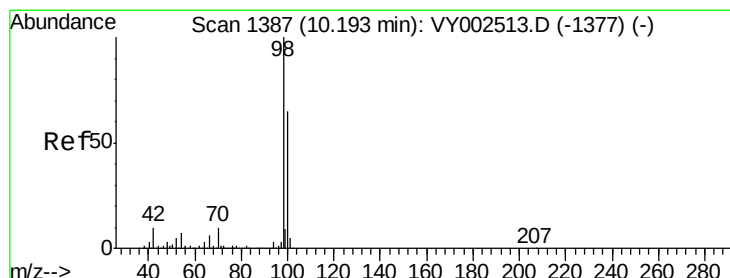
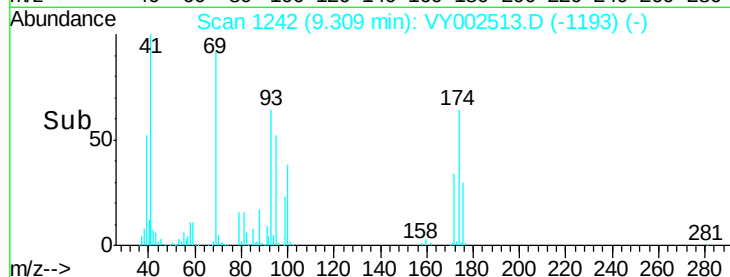
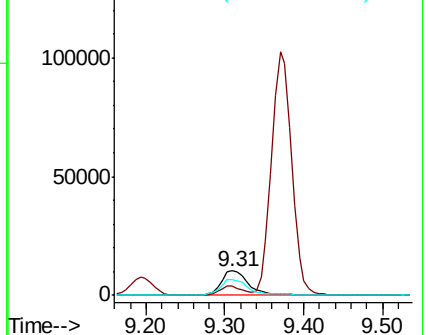
58 64.3 51.4 77.2



Abundance Ion 88.00 (87.70 to 88.70): VY002513.D (-1233) (-)

Ion 43.00 (42.70 to 43.70): VY002513.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-1233) (-)



#50

Toluene-d8

Concen: 49.697 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002513.D

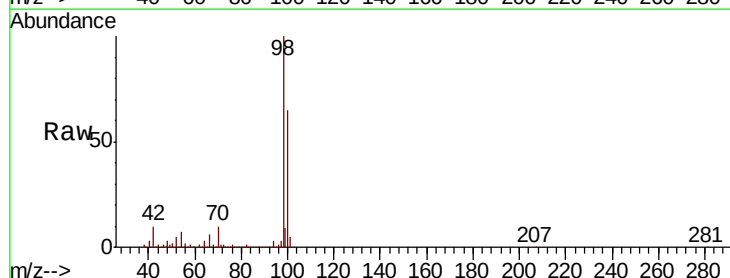
Acq: 30 Apr 2020 15:23

Tgt Ion: 98 Resp: 614234

Ion Ratio Lower Upper

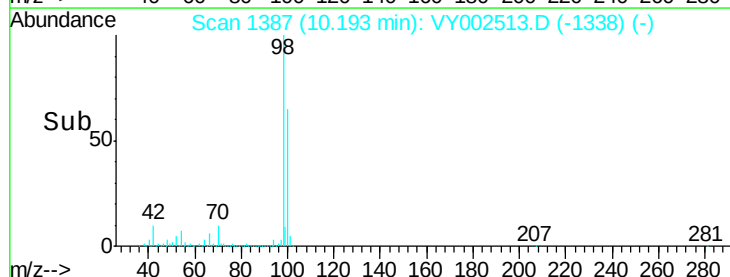
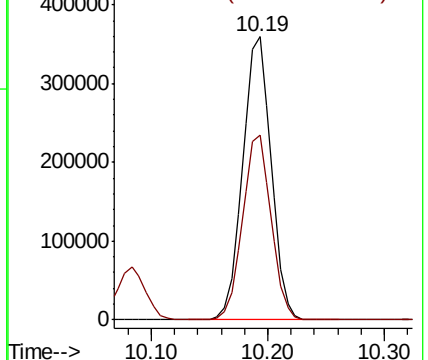
98 100

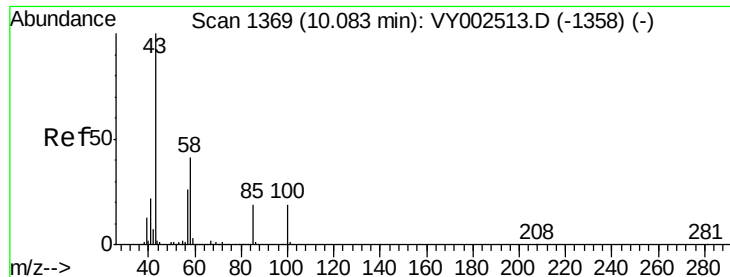
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

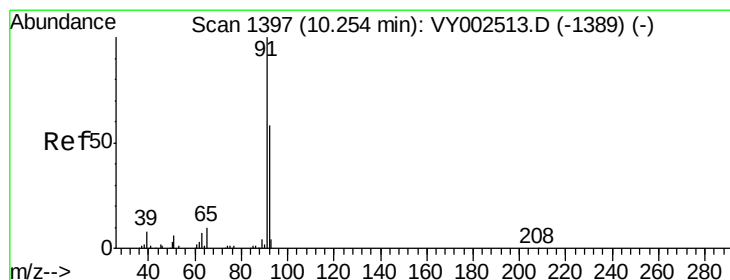
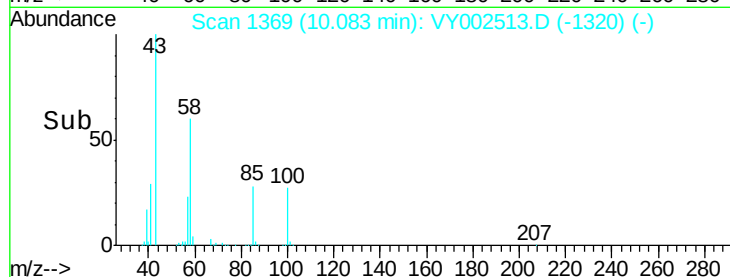
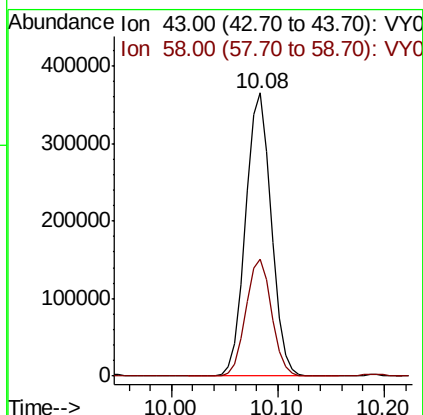
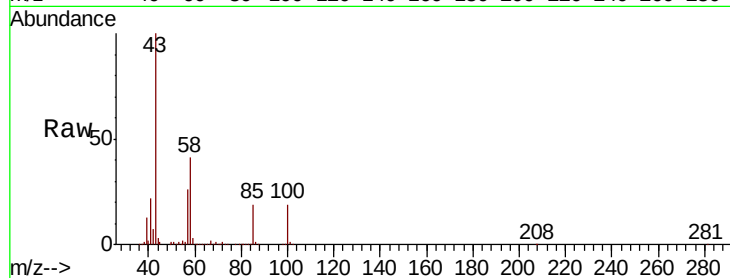




#51
4-Methyl-2-Pentanone
Concen: 269.143 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

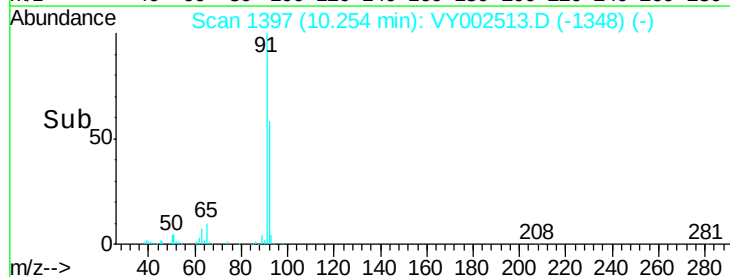
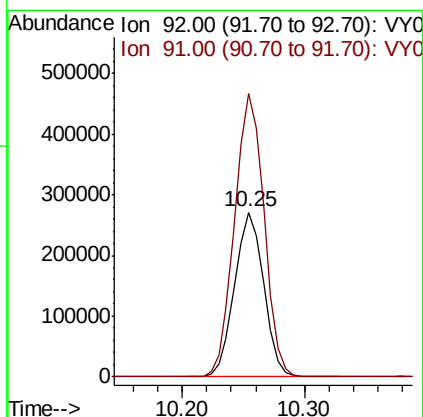
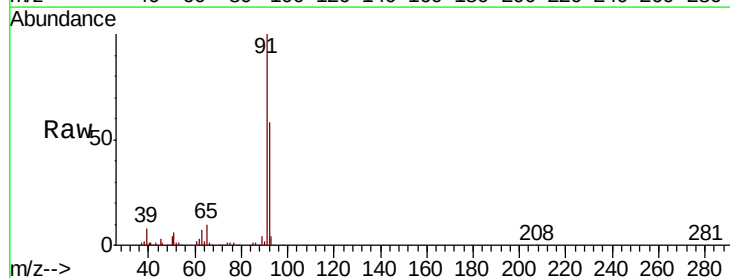
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

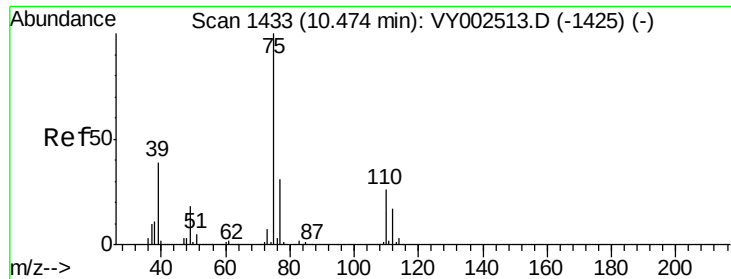
Tot Ion: 43 Resp: 620014
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8



#52
Toluene
Concen: 51.842 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 92 Resp: 446430
Ion Ratio Lower Upper
92 100
91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 52.884 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

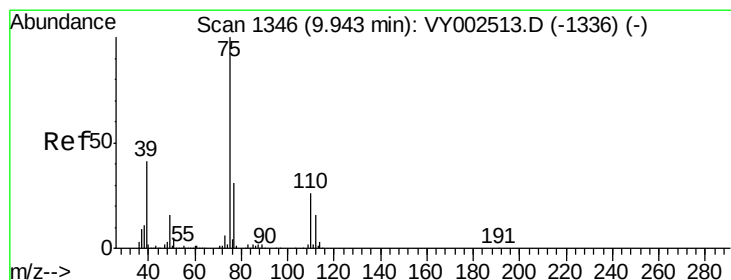
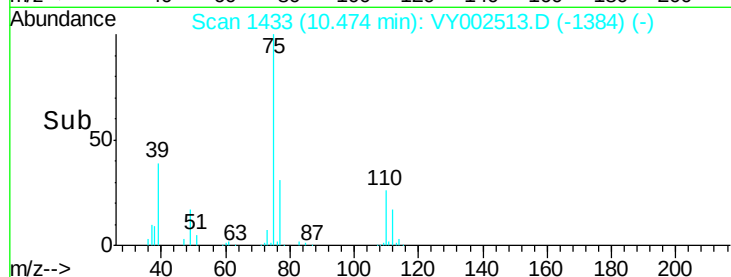
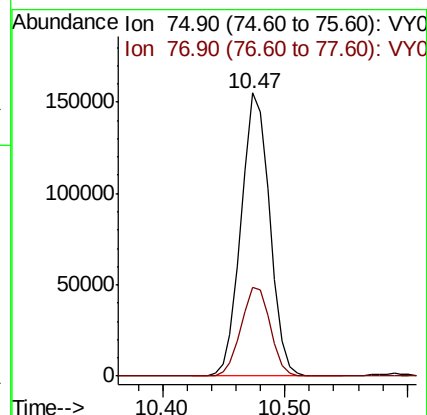
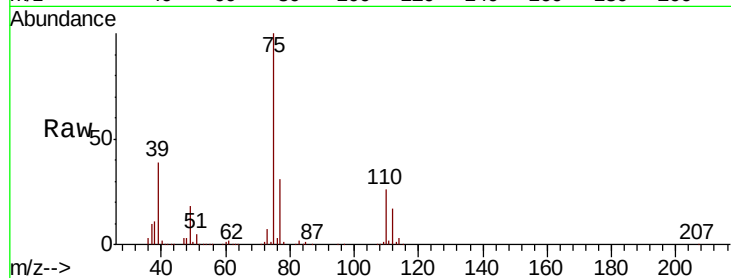
VSTDICCC050

Tot Ion: 75 Resp: 250679

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.194 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

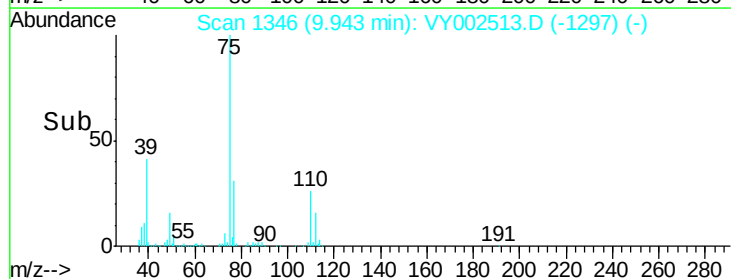
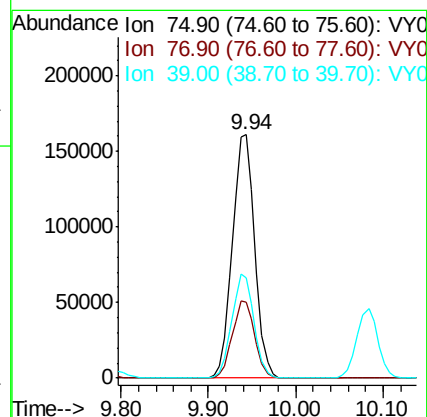
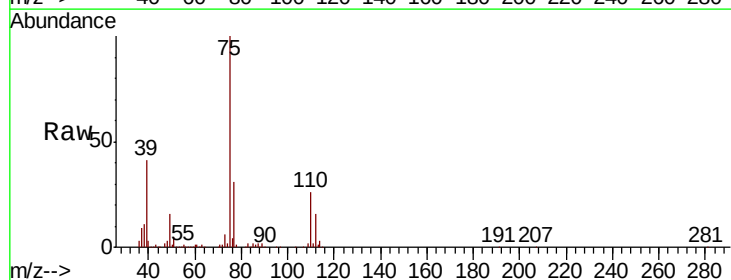
Tgt Ion: 75 Resp: 286016

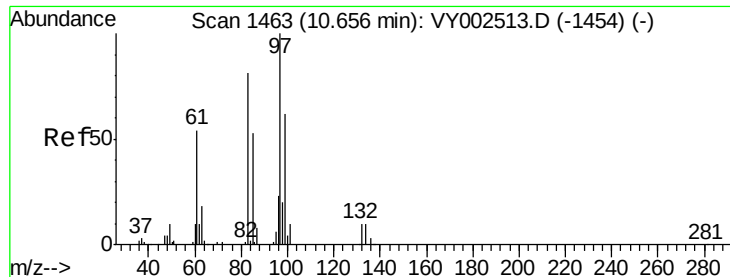
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 40.9 32.7 49.1





#55

1,1,2-Trichloroethane

Concen: 52.372 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 142102

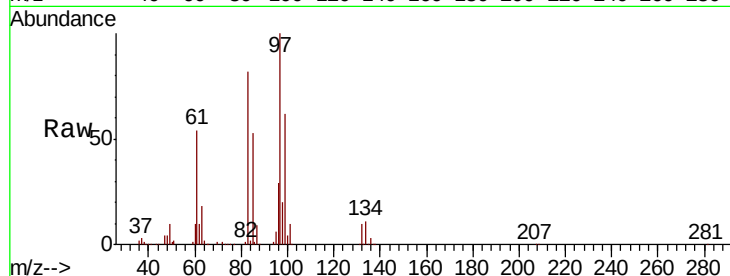
Ion Ratio Lower Upper

97 100

83 81.4 65.1 97.7

85 53.4 42.7 64.1

99 62.5 50.0 75.0

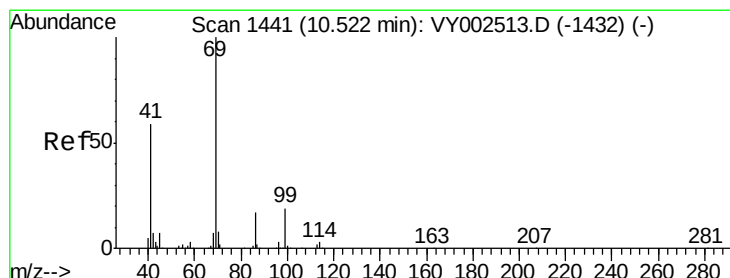
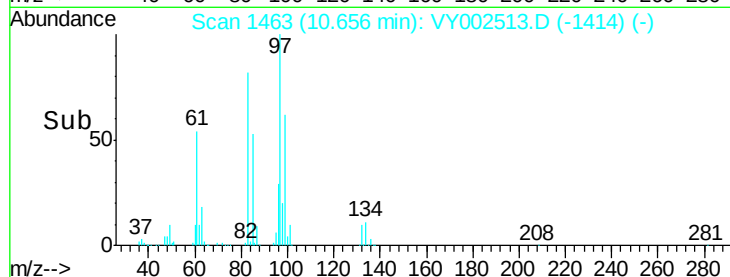
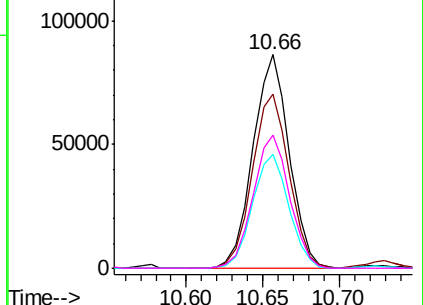


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 53.998 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

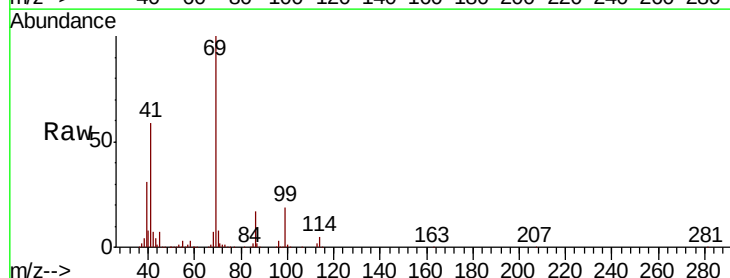
Tgt Ion: 69 Resp: 194905

Ion Ratio Lower Upper

69 100

41 60.8 48.6 73.0

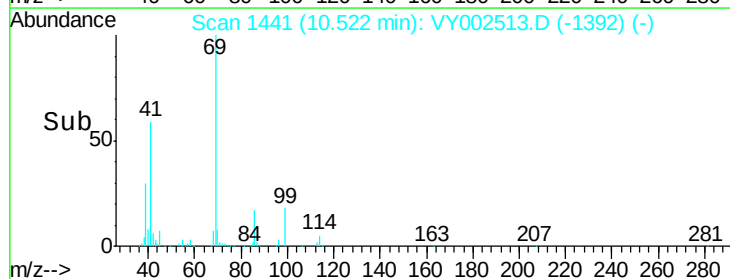
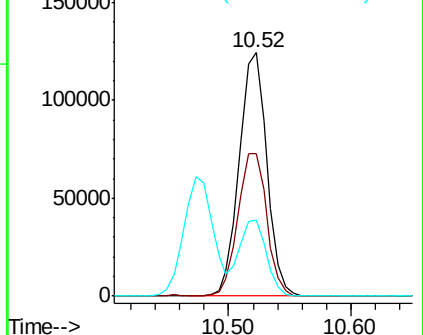
39 31.2 25.0 37.4

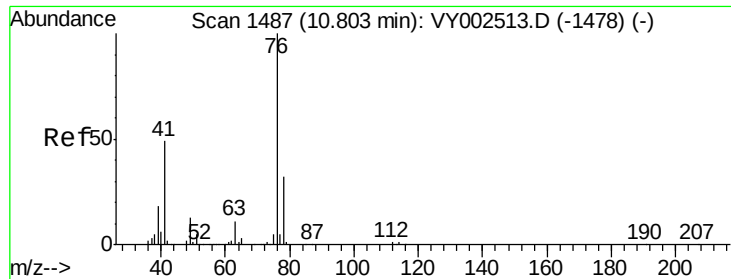


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

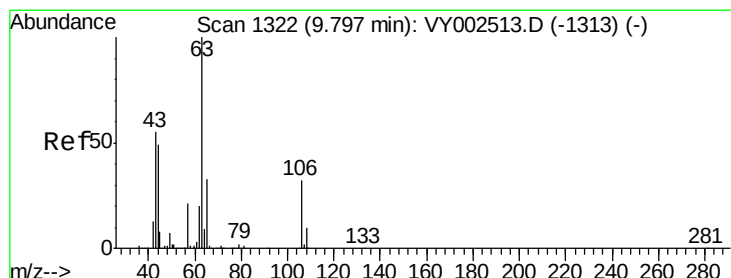
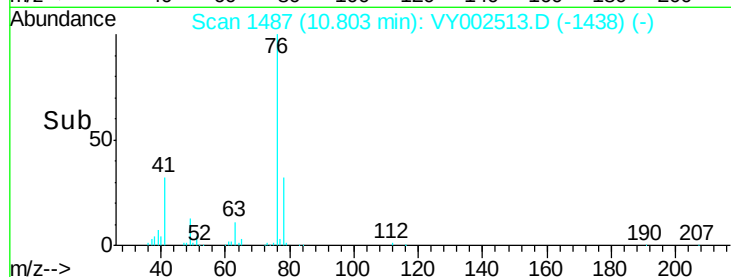
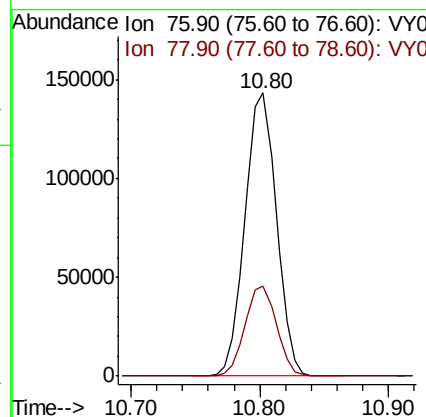
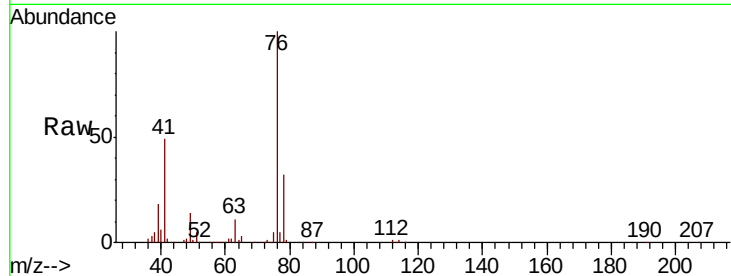




#57
 1,3-Dichloropropane
 Concen: 52.612 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

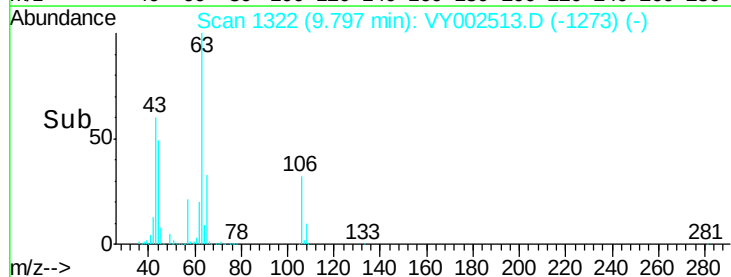
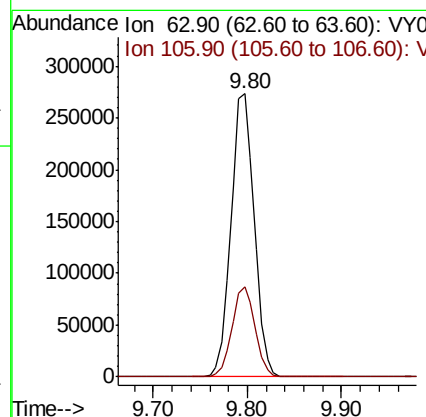
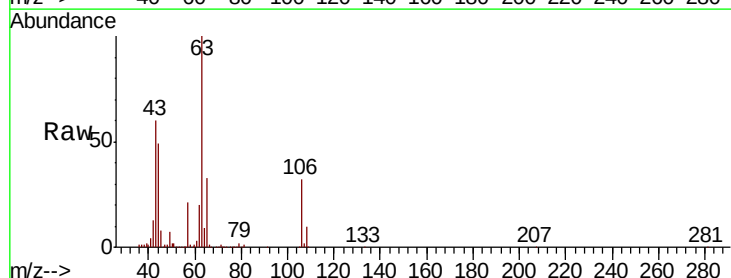
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

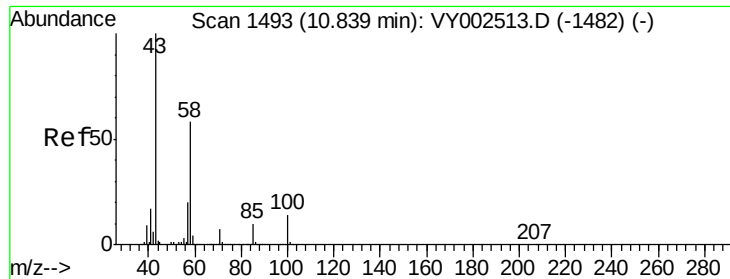
Tot Ion: 76 Resp: 242084
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.480 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 63 Resp: 465365
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.2 37.8

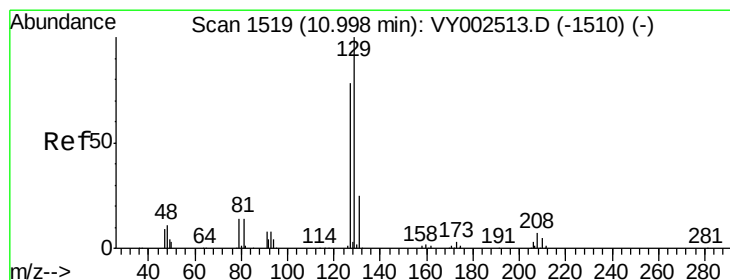
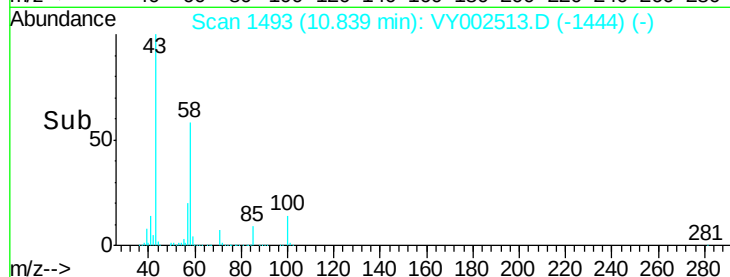
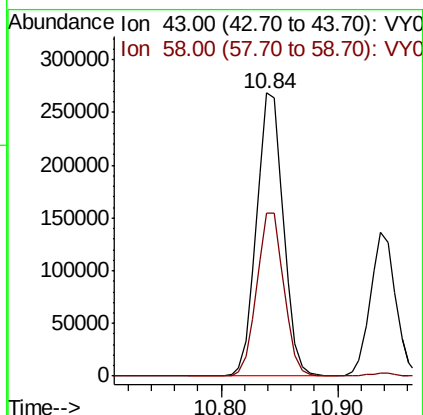
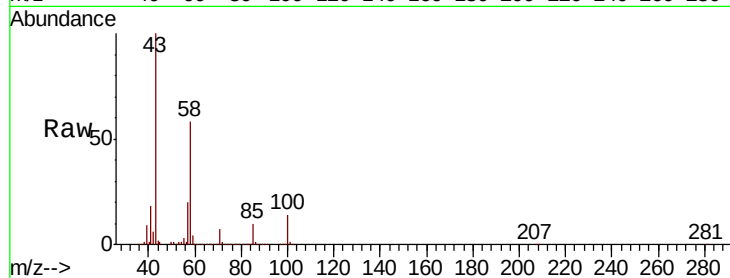




#59
2-Hexanone
Concen: 273.633 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

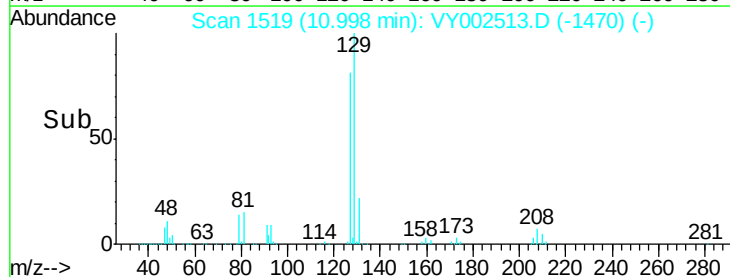
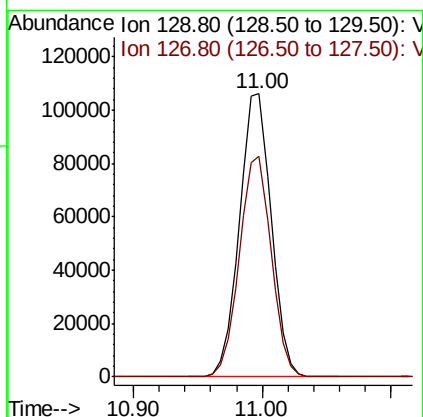
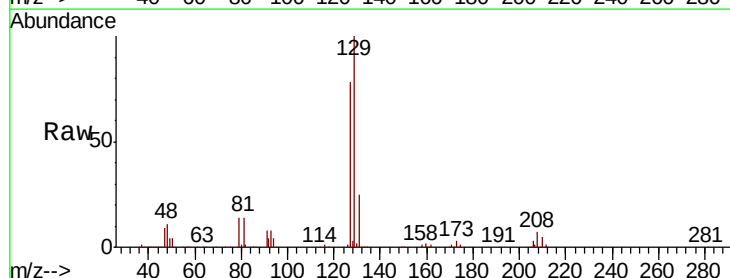
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

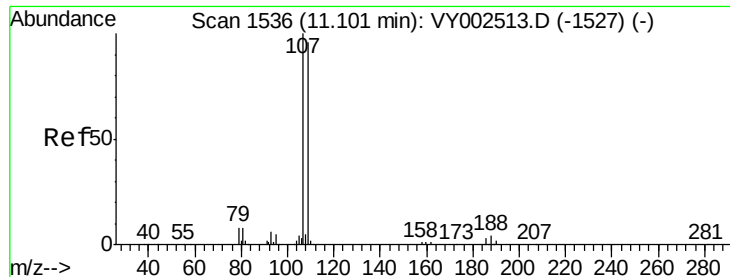
Tot Ion: 43 Resp: 433854
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3



#60
Dibromochloromethane
Concen: 52.493 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 129 Resp: 181151
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

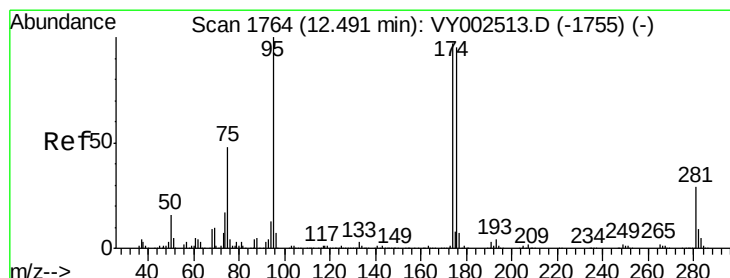
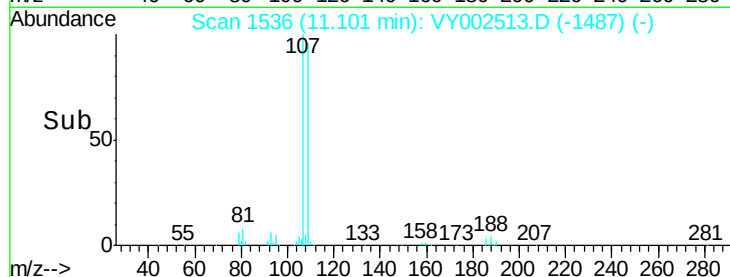
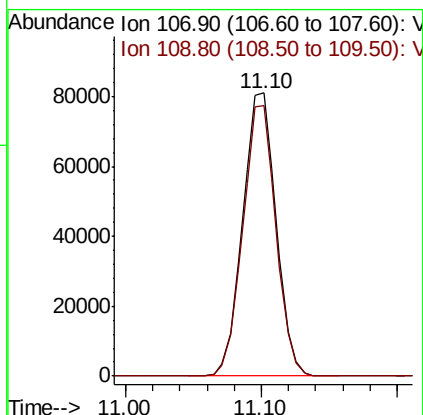
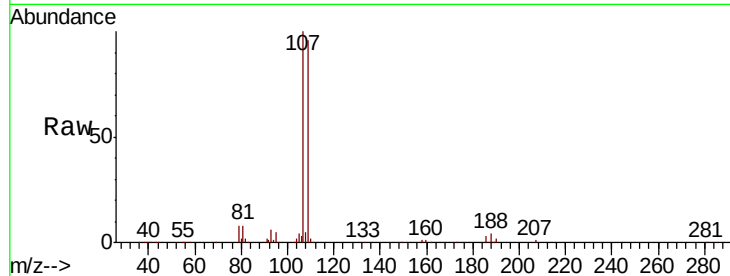




#61
 1,2-Dibromoethane
 Concen: 51.806 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

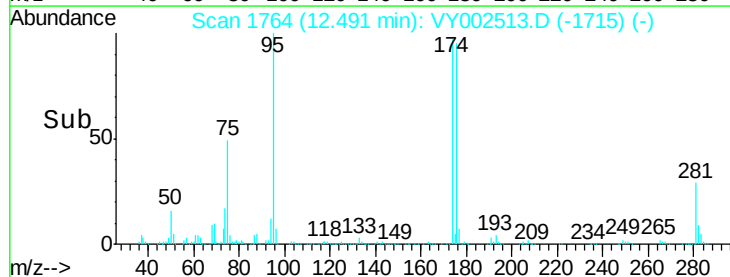
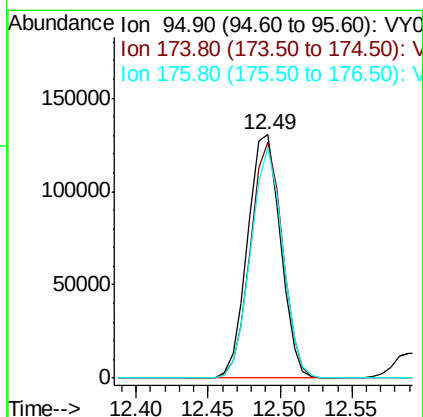
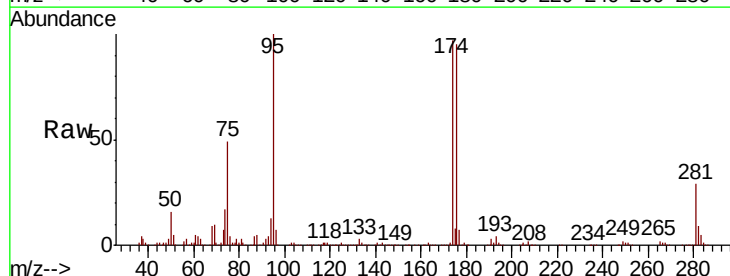
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

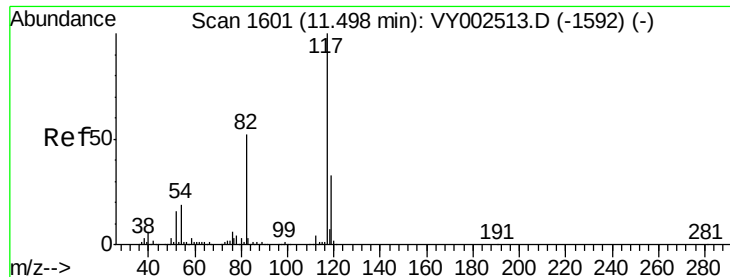
Tot Ion: 107 Resp: 139184
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 49.097 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 95 Resp: 205908
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 188.8
 176 91.6 0.0 183.2

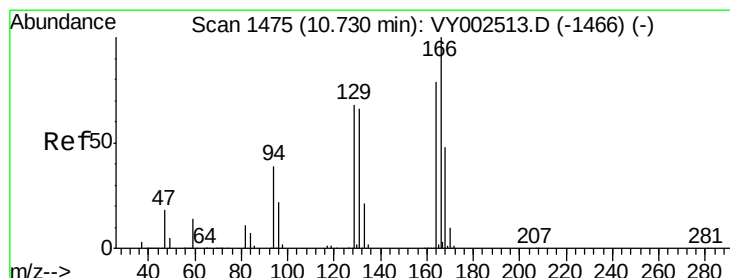
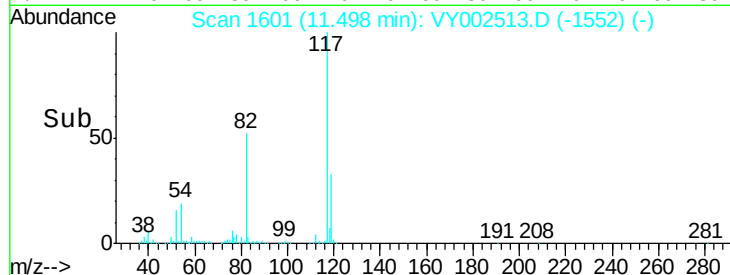
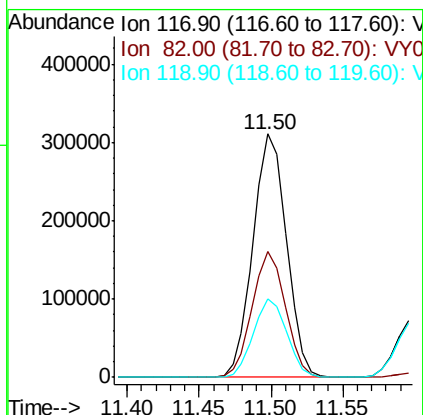
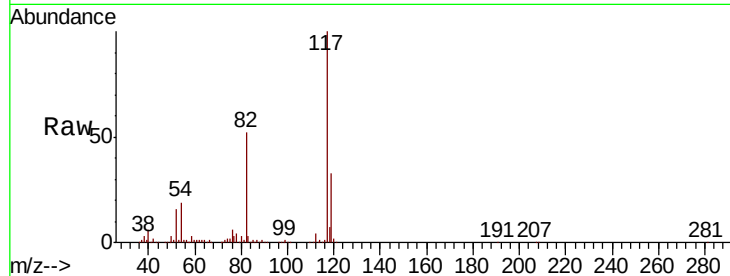




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

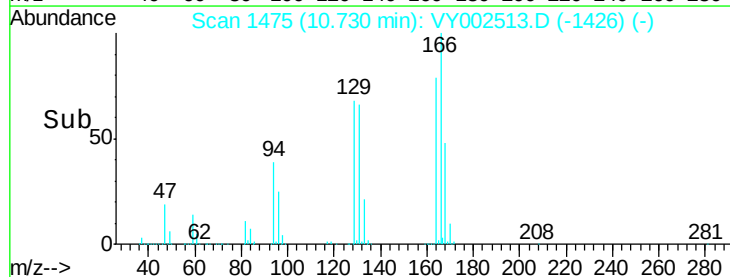
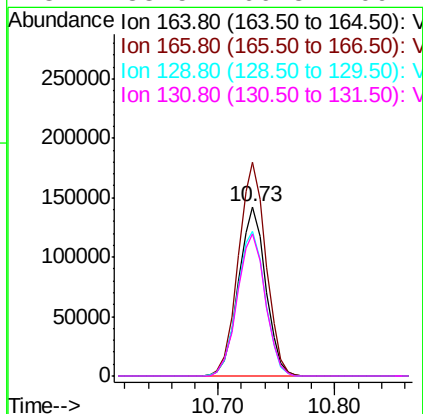
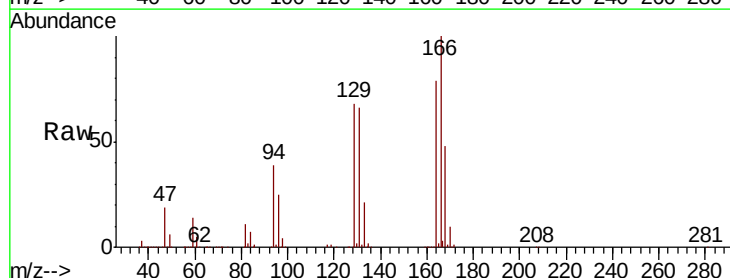
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

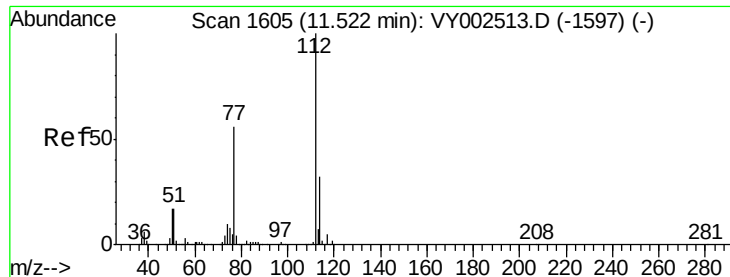
Tot Ion:117 Resp: 500941
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 52.210 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:164 Resp: 232380
Ion Ratio Lower Upper
164 100
166 125.9 100.7 151.1
129 85.4 68.3 102.5
131 83.5 66.8 100.2

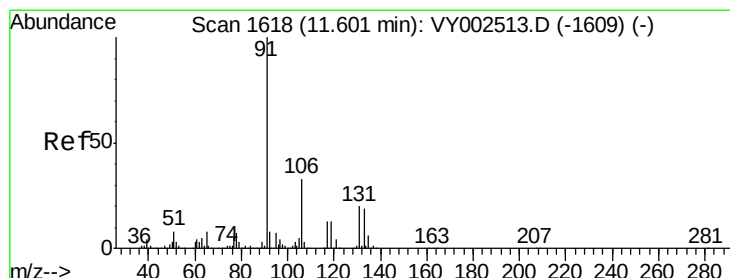
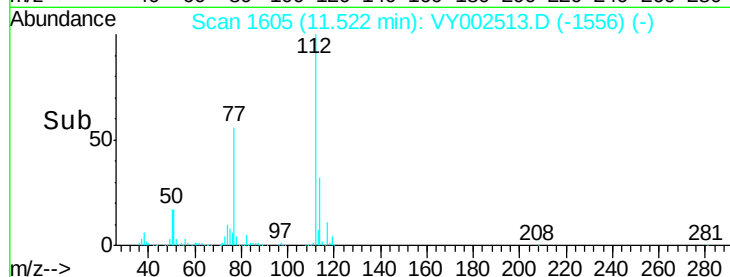
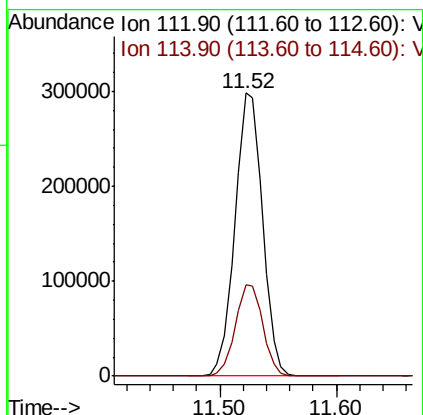
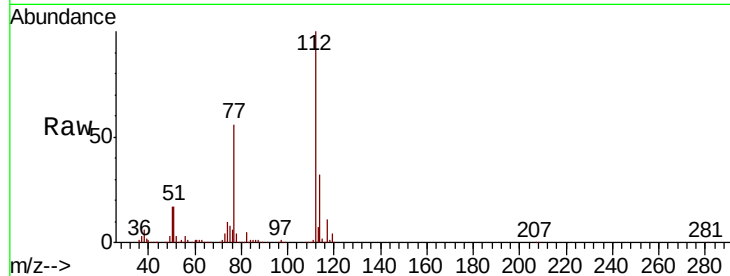




#65
Chlorobenzene
Concen: 51.585 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

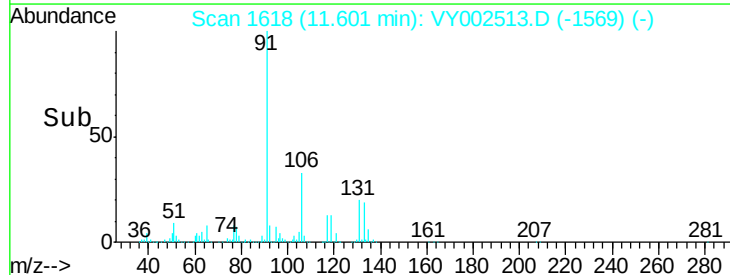
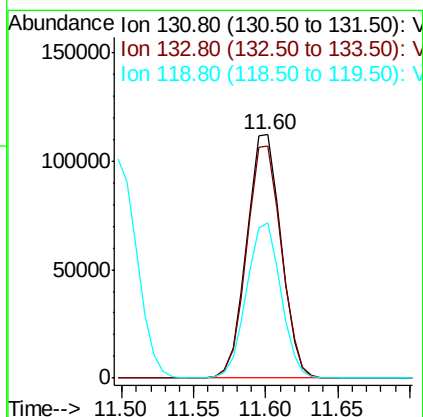
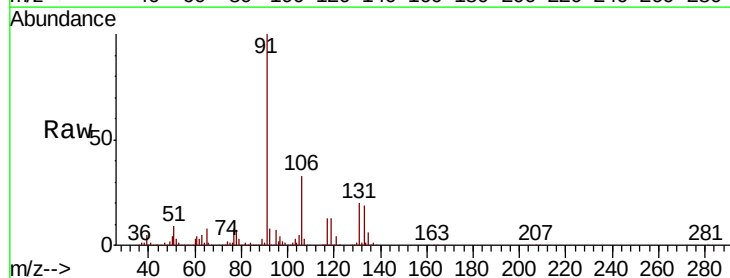
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

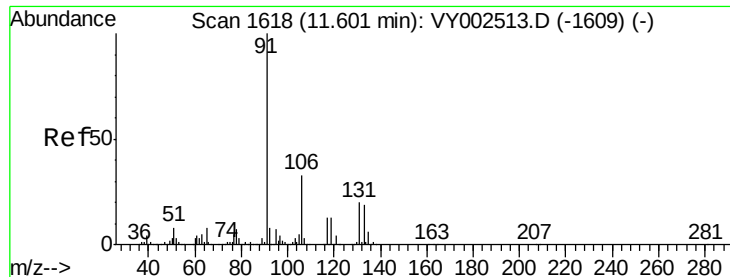
Tot Ion:112 Resp: 491234
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.384 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:131 Resp: 185173
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 63.3 31.6 95.0

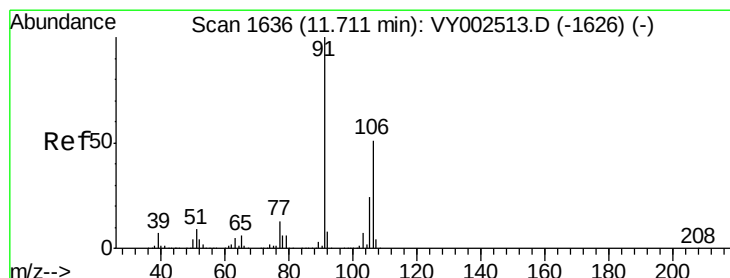
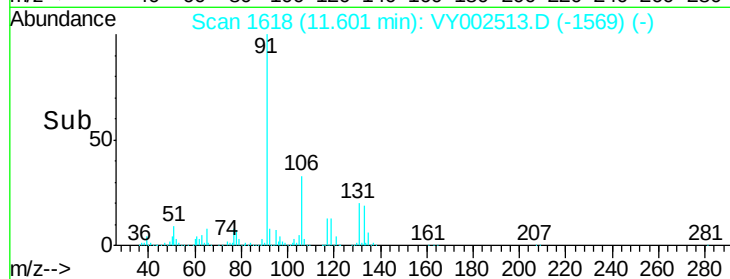
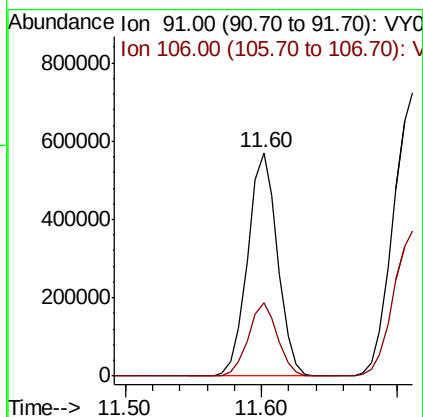
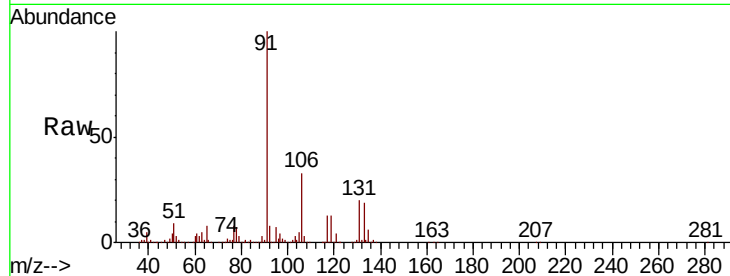




#67
Ethyl Benzene
Concen: 52.289 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

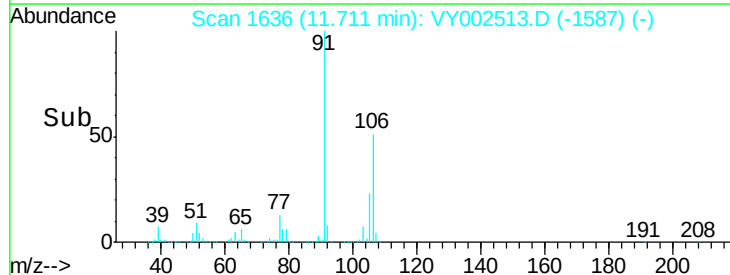
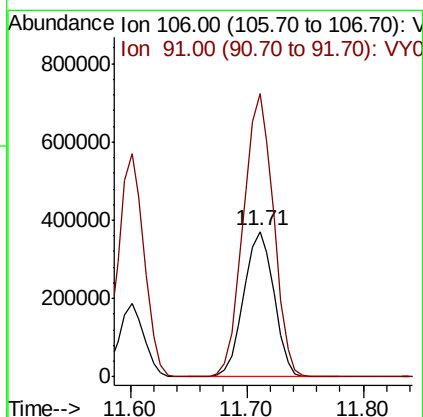
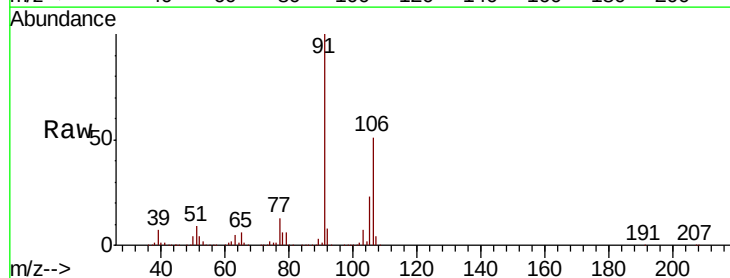
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

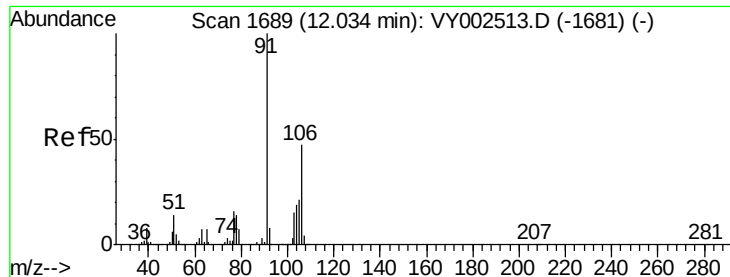
Tot Ion: 91 Resp: 874672
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 104.284 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 106 Resp: 674957
Ion Ratio Lower Upper
106 100
91 194.0 155.2 232.8

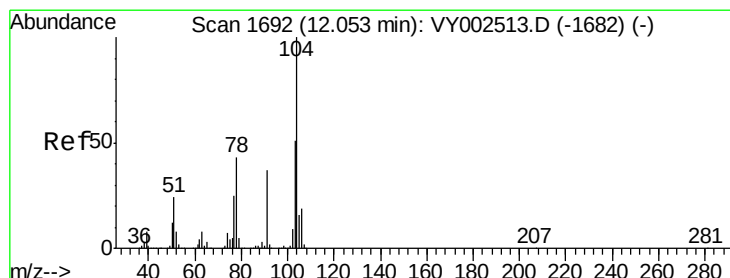
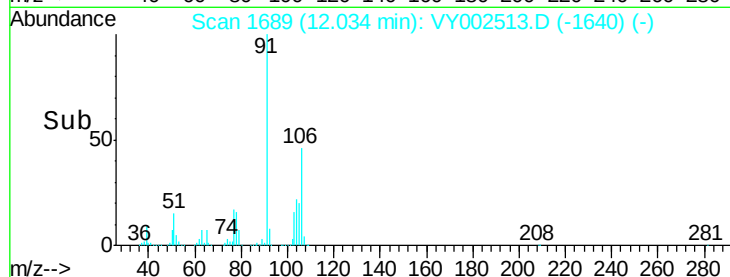
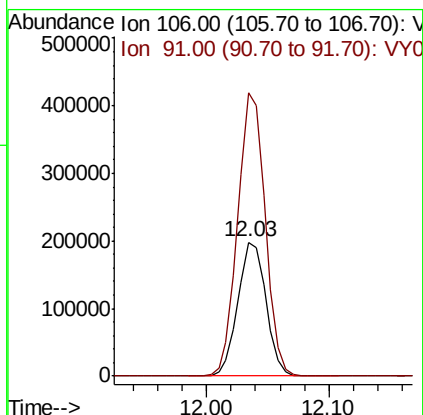
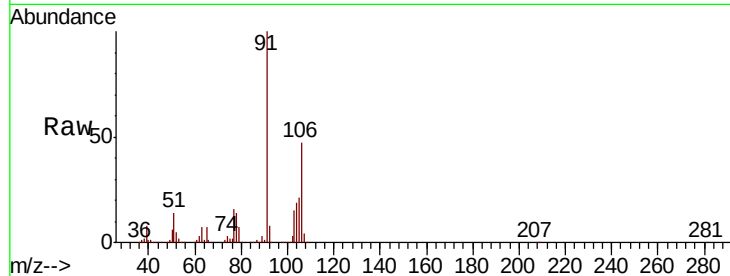




#69
o-Xylene
Concen: 51.808 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

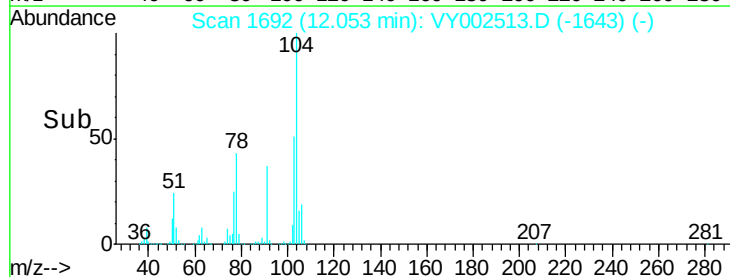
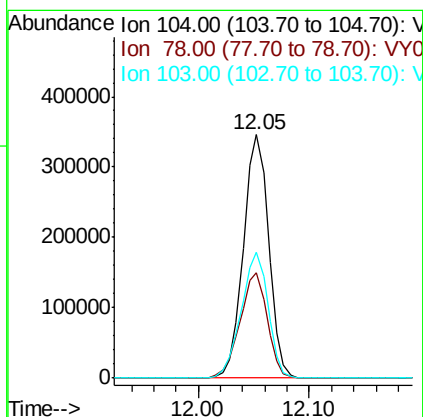
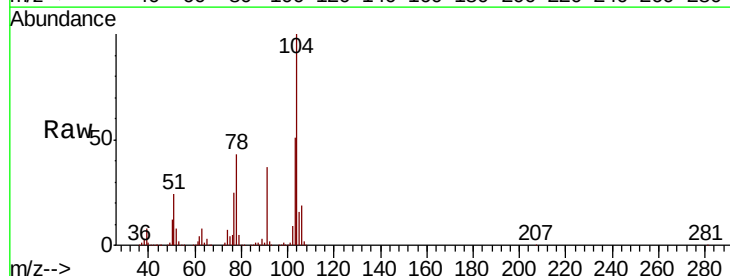
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

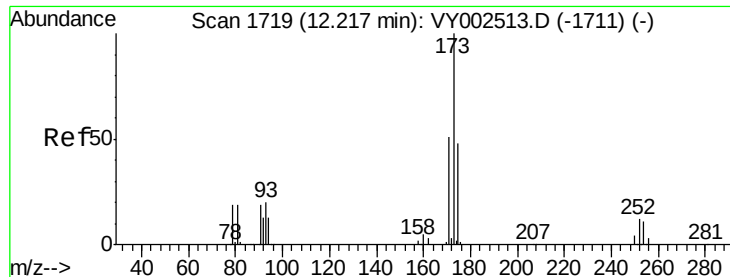
Tot Ion:106 Resp: 313960
Ion Ratio Lower Upper
106 100
91 207.5 103.8 311.3



#70
Styrene
Concen: 52.716 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:104 Resp: 546135
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 53.878 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

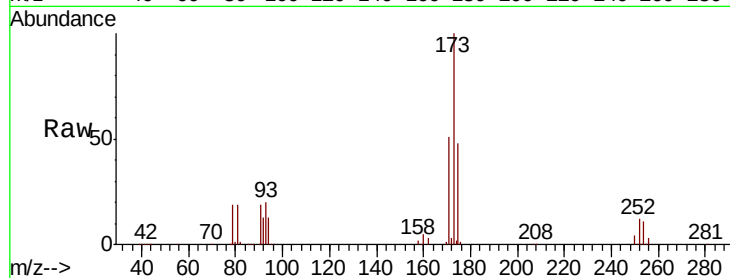
Tot Ion:173 Resp: 118209

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

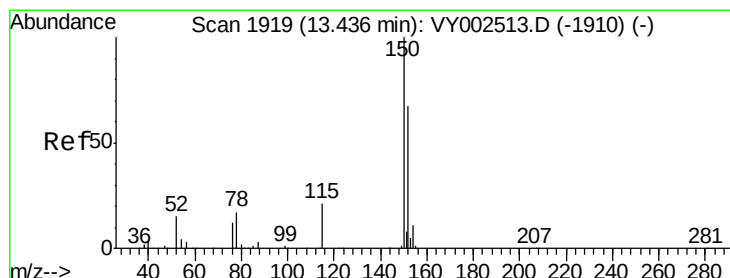
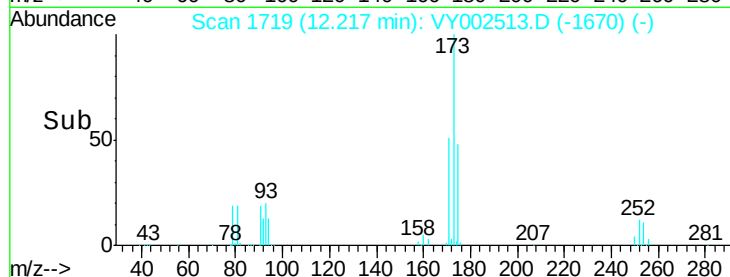
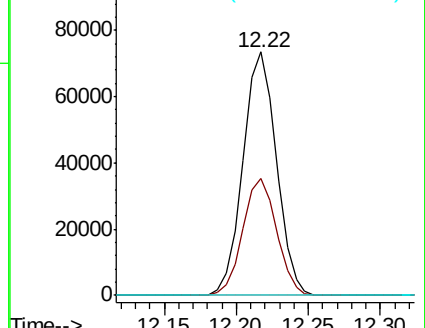
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

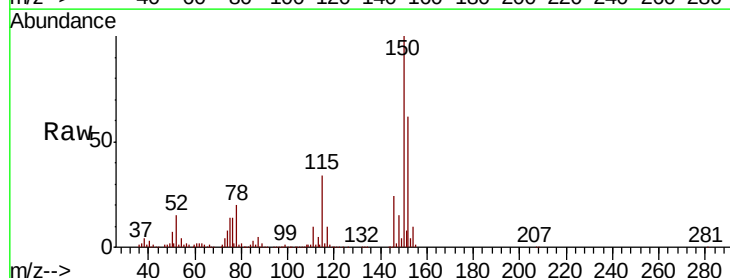
Tgt Ion:152 Resp: 256838

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

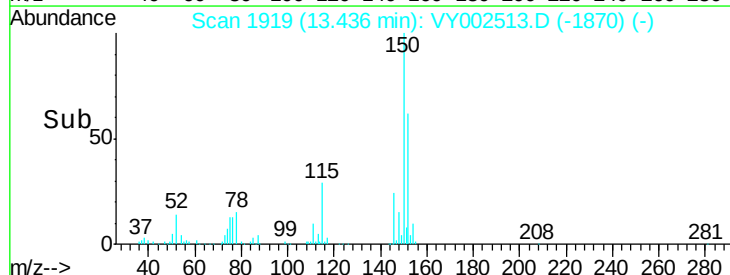
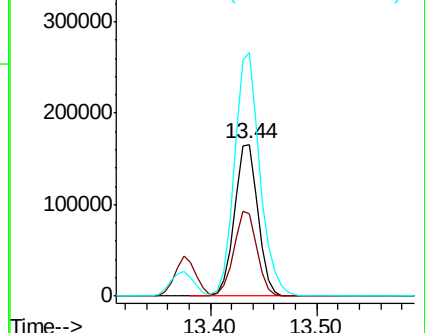
150 173.2 0.0 346.4

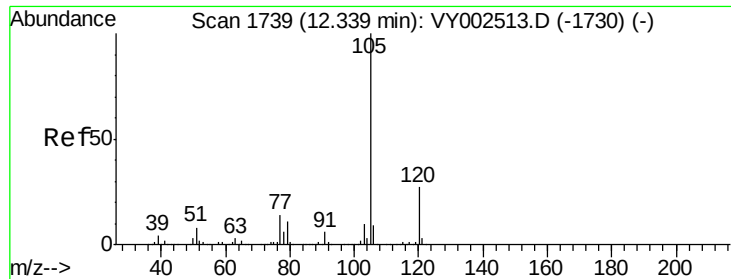


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.875 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

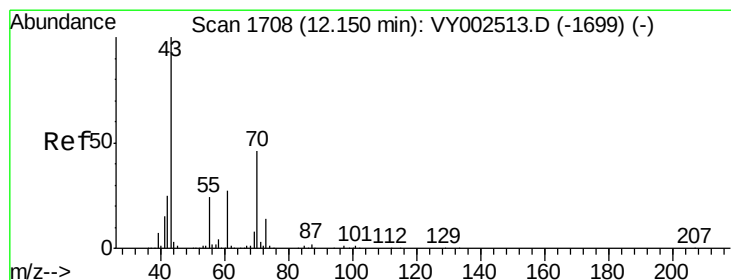
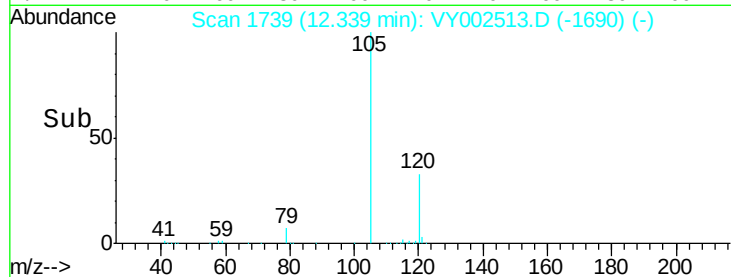
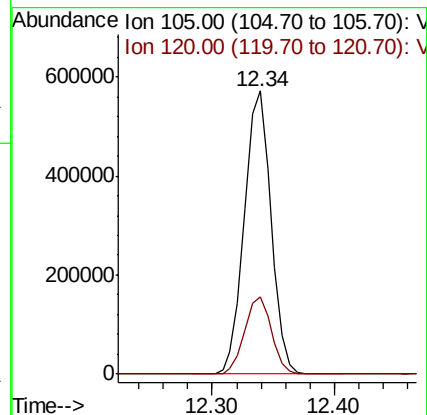
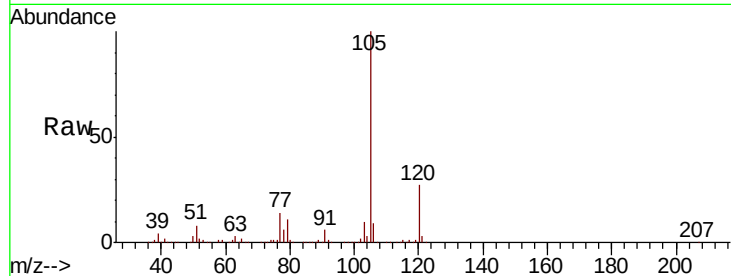
VSTDICCC050

Tot Ion:105 Resp: 863483

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 54.659 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Tgt Ion: 43 Resp: 218865

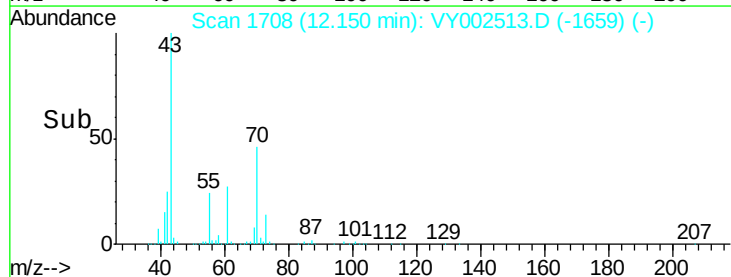
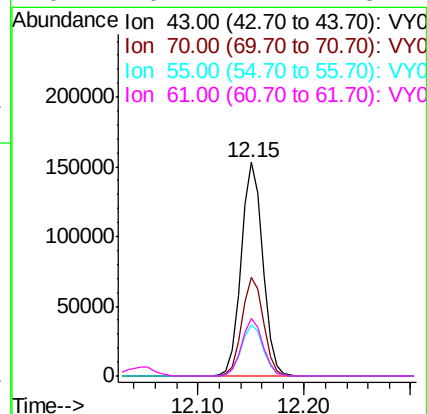
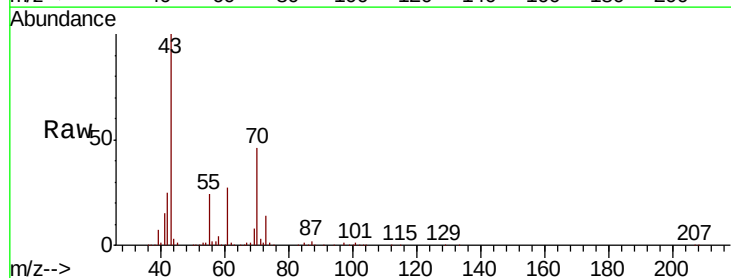
Ion Ratio Lower Upper

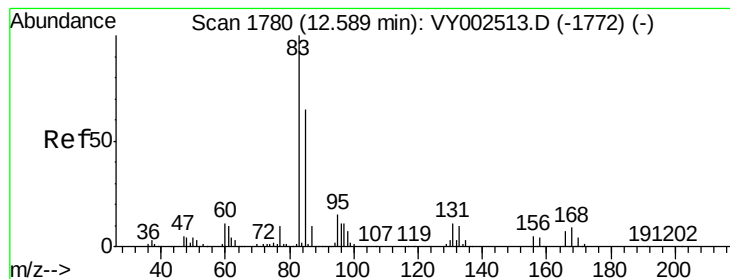
43 100

70 45.9 36.7 55.1

55 24.0 19.2 28.8

61 26.4 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.061 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

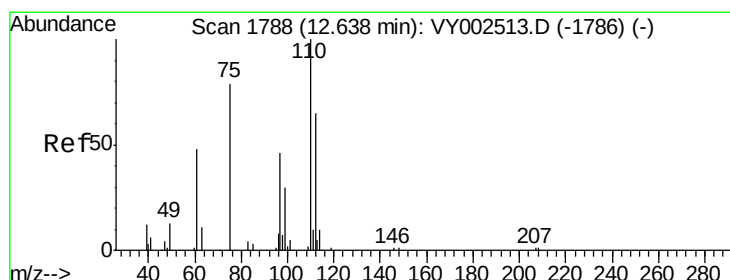
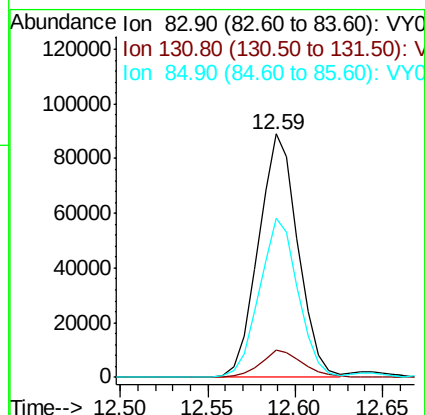
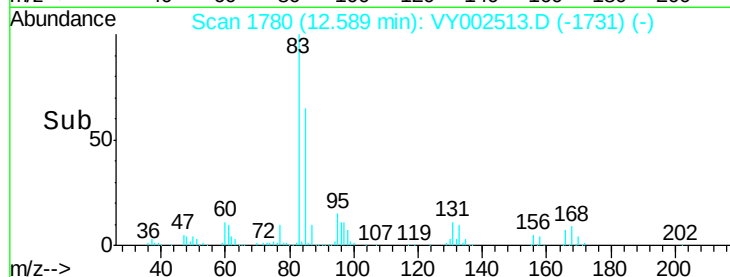
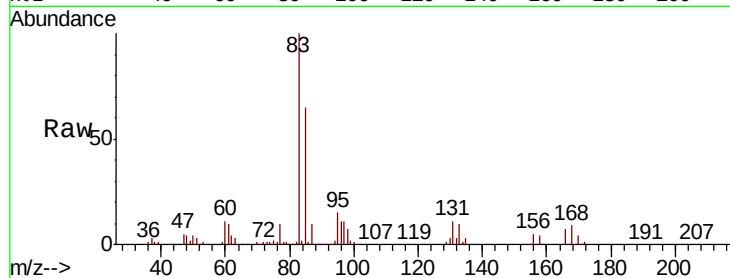
Tot Ion: 83 Resp: 140466

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.8

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 54.433 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002513.D

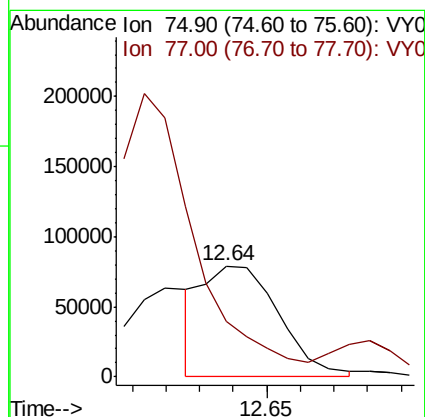
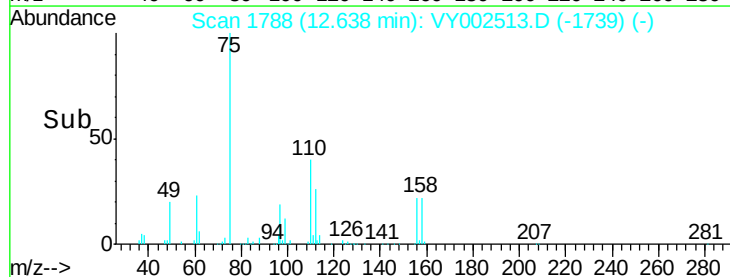
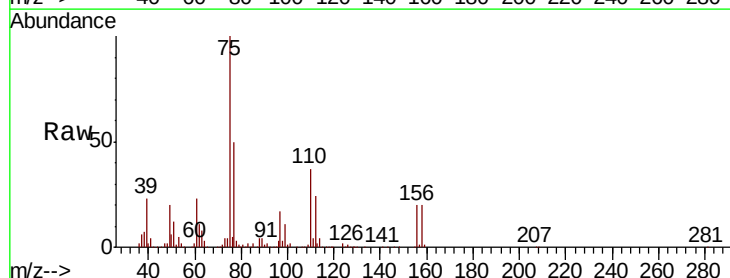
Acq: 30 Apr 2020 15:23

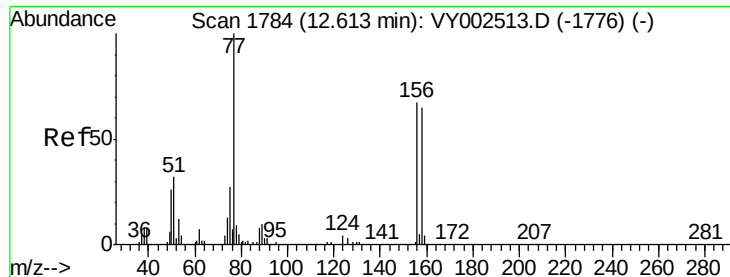
Tgt Ion: 75 Resp: 124791

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.980 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

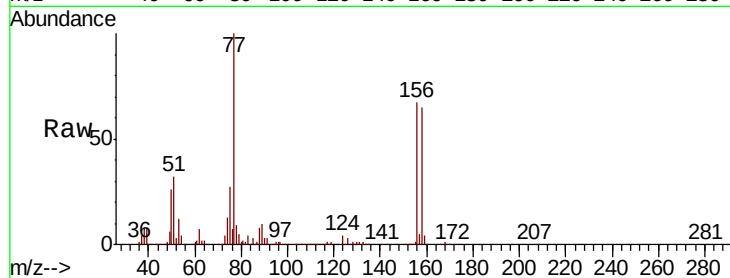
Tot Ion:156 Resp: 216171

Ion Ratio Lower Upper

156 100

77 163.9 82.0 245.8

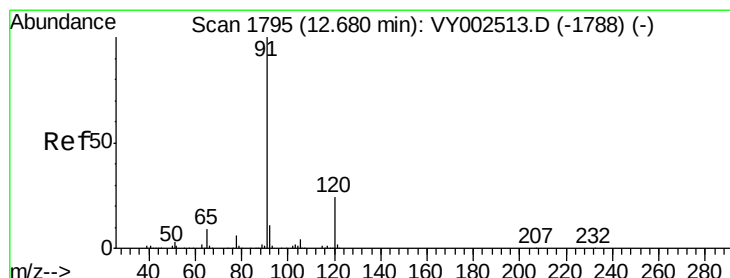
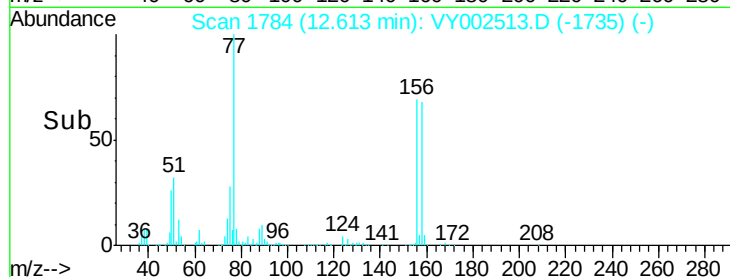
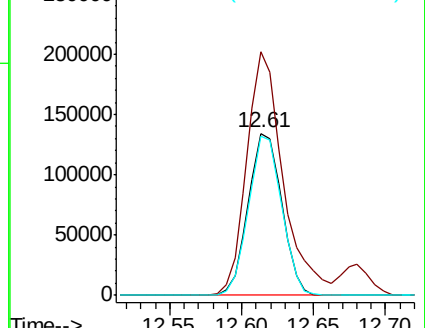
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.978 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002513.D

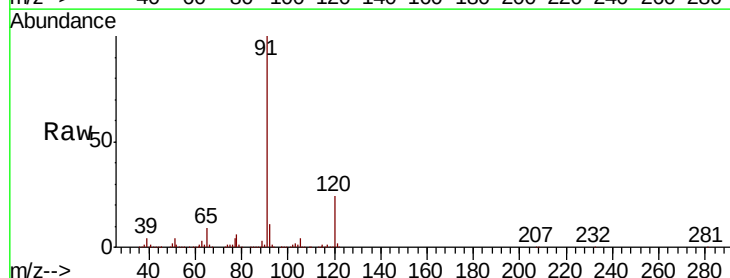
Acq: 30 Apr 2020 15:23

Tgt Ion: 91 Resp: 1004046

Ion Ratio Lower Upper

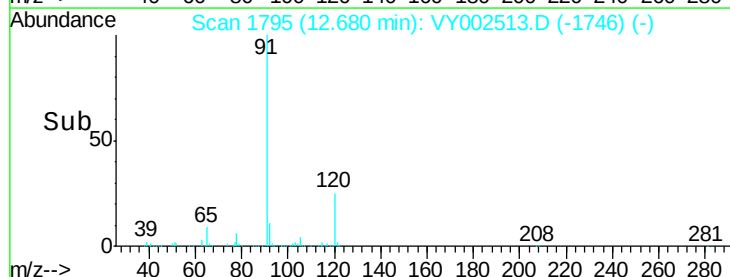
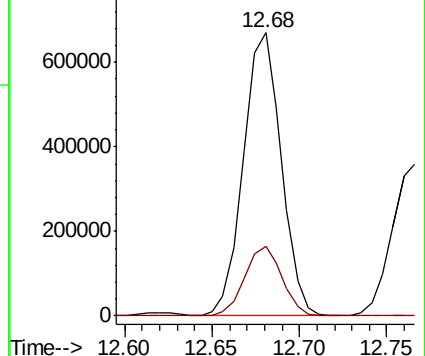
91 100

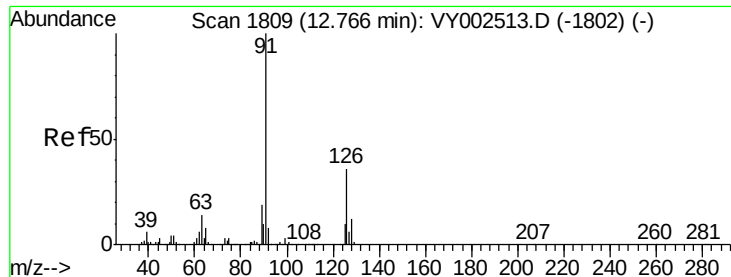
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.523 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

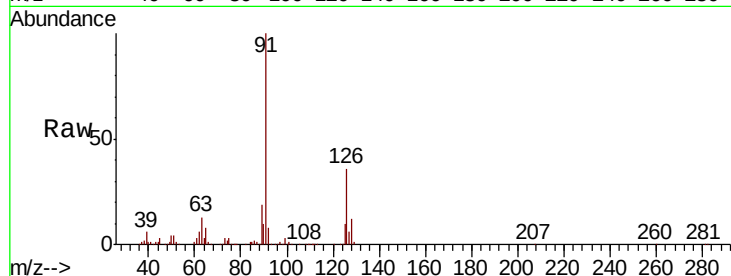
VSTDICCC050

Tot Ion: 91 Resp: 551302

Ion Ratio Lower Upper

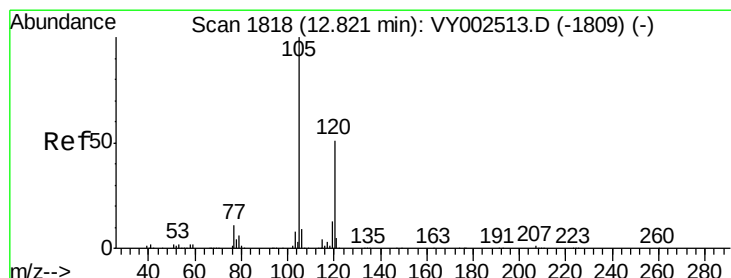
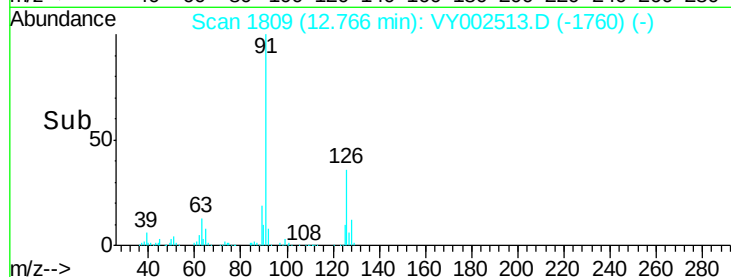
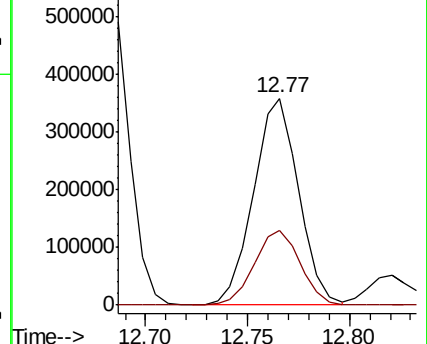
91 100

126 36.8 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.444 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002513.D

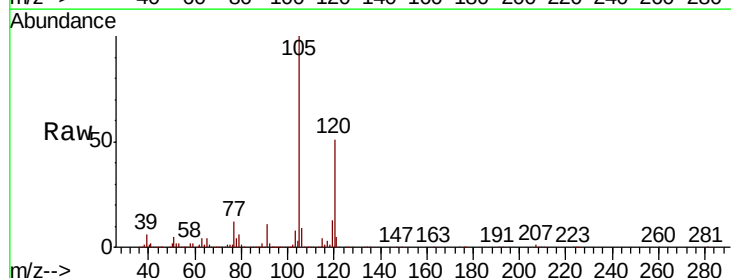
Acq: 30 Apr 2020 15:23

Tgt Ion:105 Resp: 723623

Ion Ratio Lower Upper

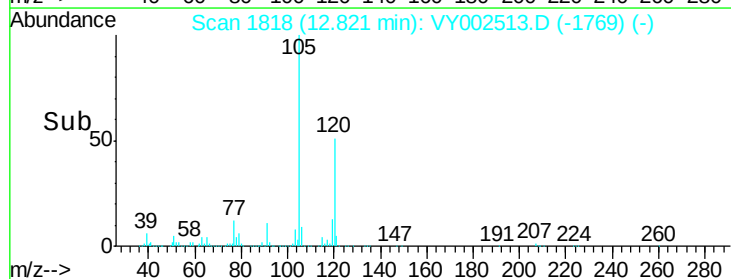
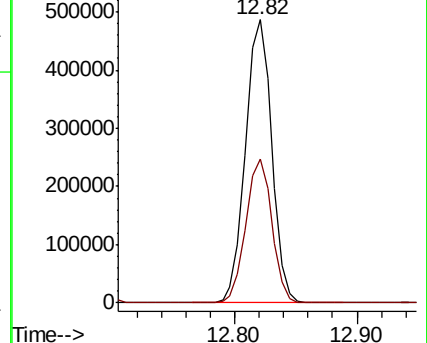
105 100

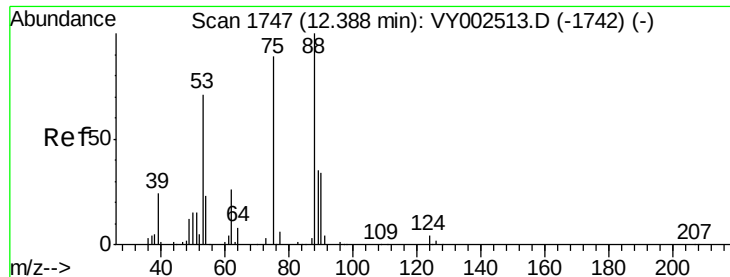
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.346 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002513.D

Acq: 30 Apr 2020 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

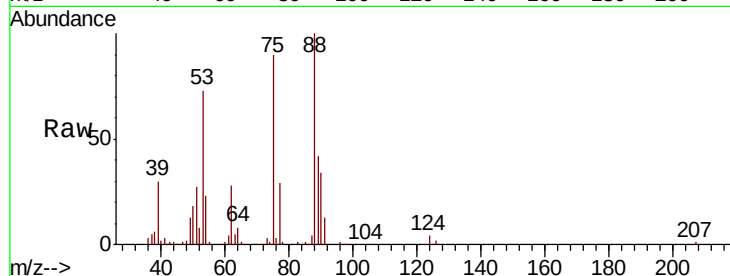
Tot Ion: 75 Resp: 60722

Ion Ratio Lower Upper

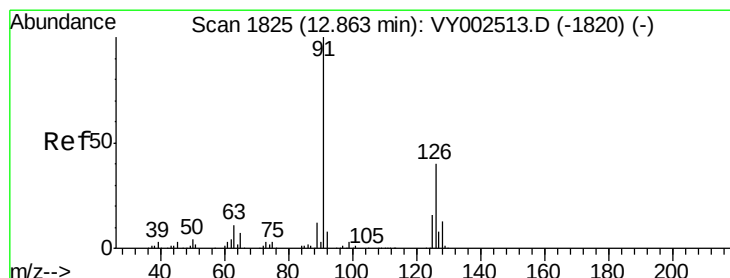
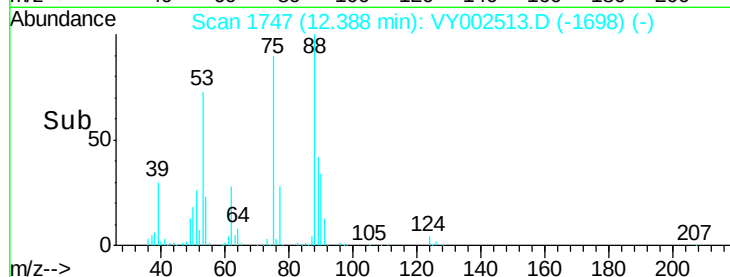
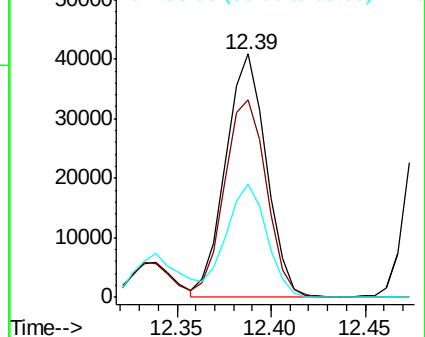
75 100

53 84.2 67.4 101.0

89 46.7 37.4 56.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.646 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002513.D

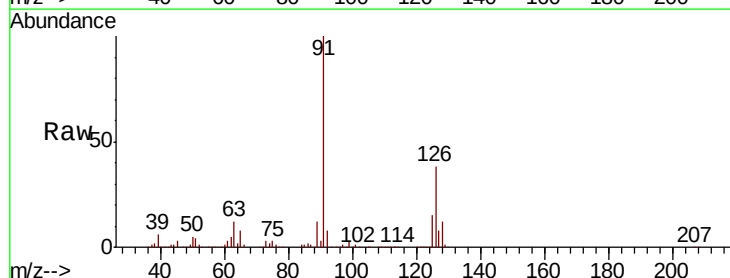
Acq: 30 Apr 2020 15:23

Tgt Ion: 91 Resp: 580481

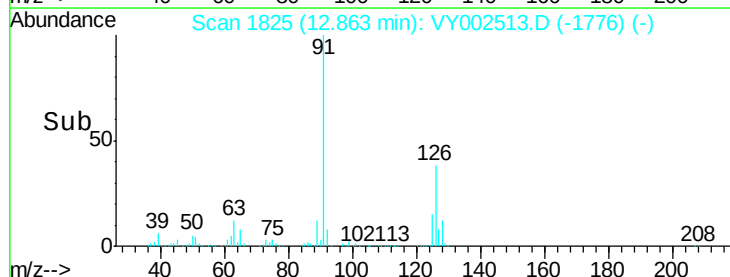
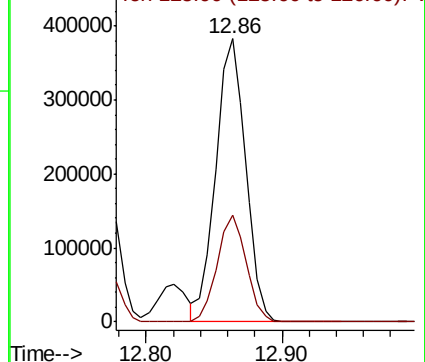
Ion Ratio Lower Upper

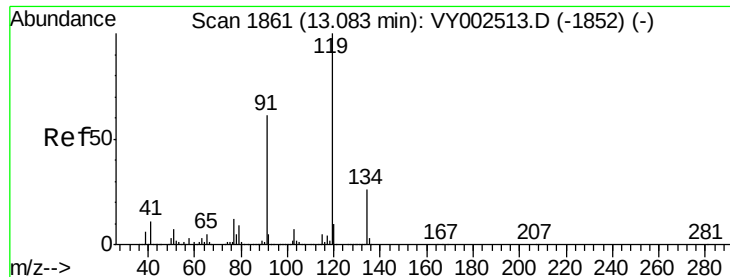
91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

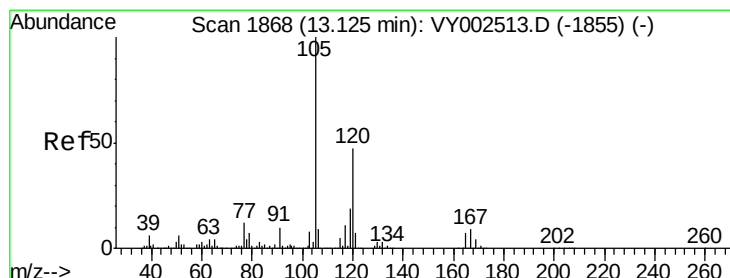
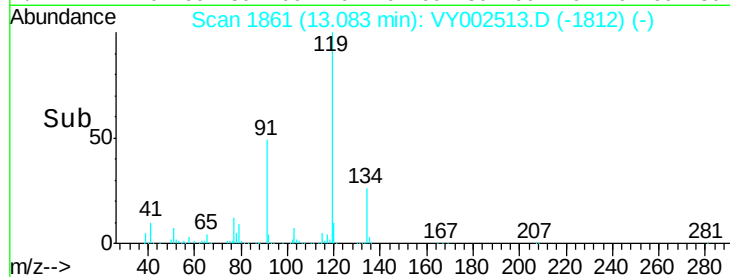
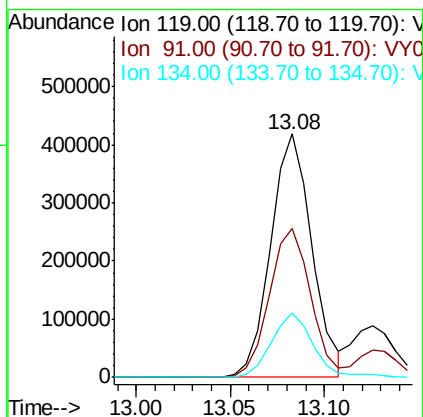
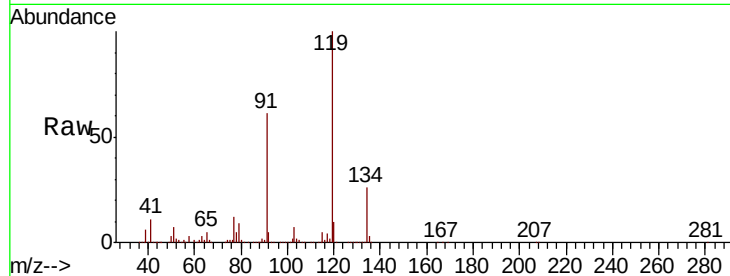




#83
 tert-Butylbenzene
 Concen: 52.513 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

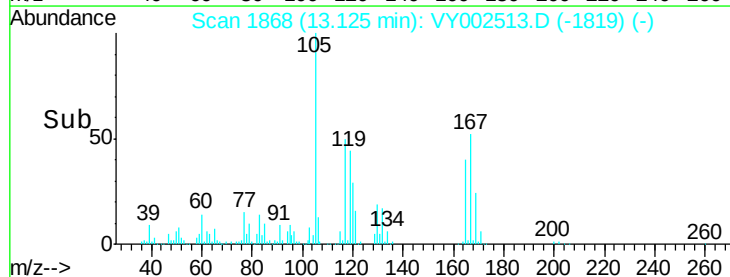
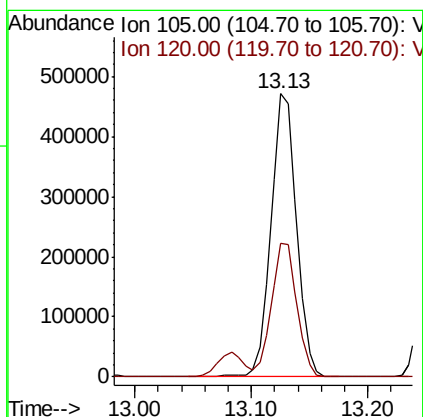
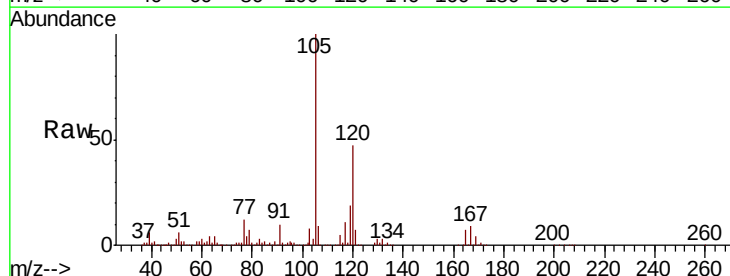
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

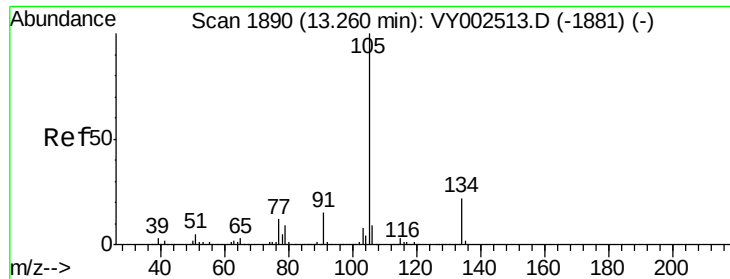
Tot Ion:119 Resp: 635315
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.6
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.147 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion:105 Resp: 717080
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3

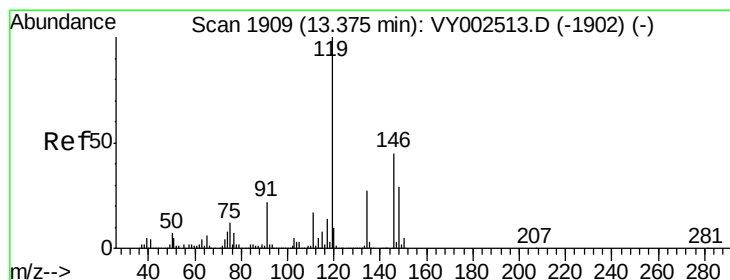
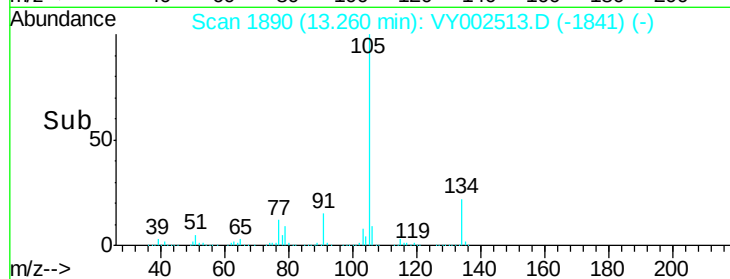
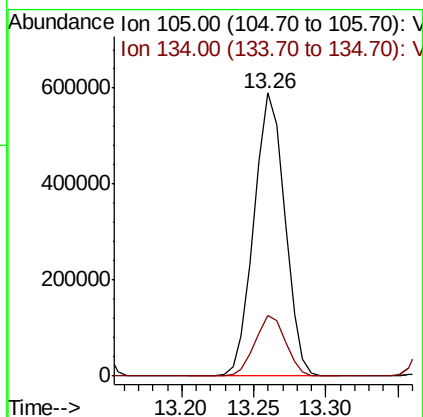
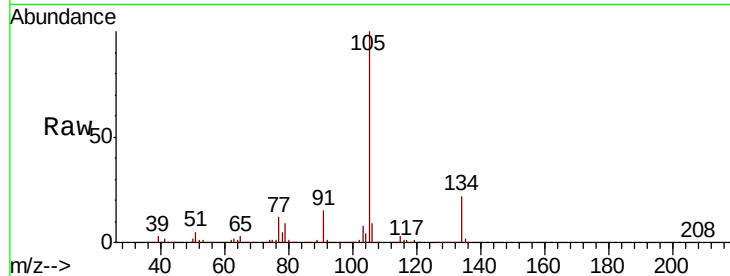




#85
 sec-Butylbenzene
 Concen: 52.151 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

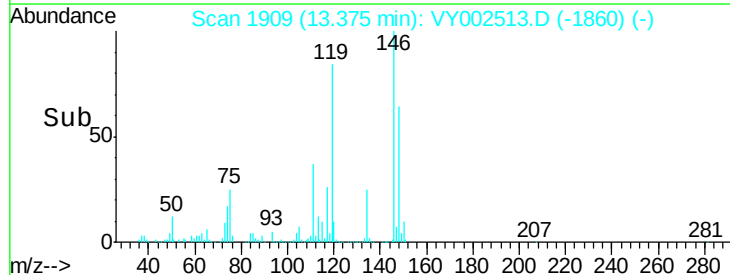
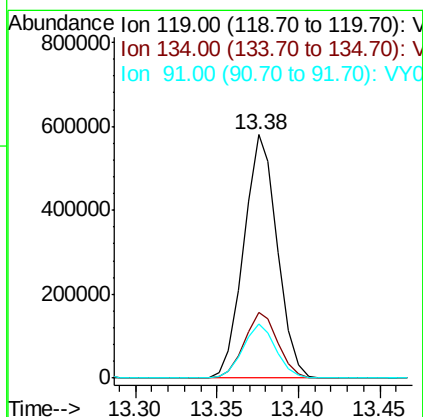
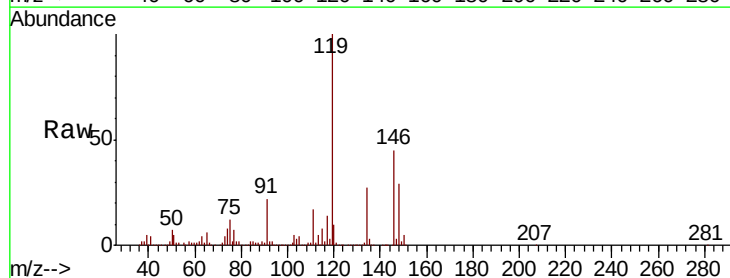
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

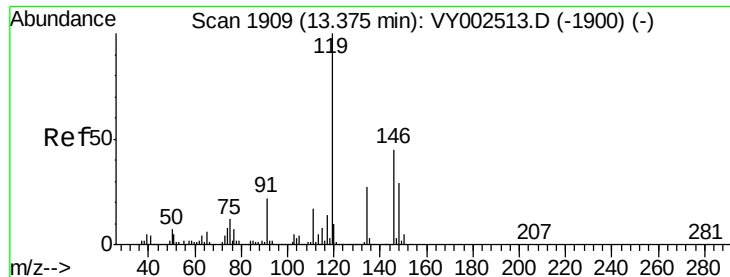
Tot Ion:105 Resp: 875502
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 52.486 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion:119 Resp: 825609
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 21.9 10.9 32.9

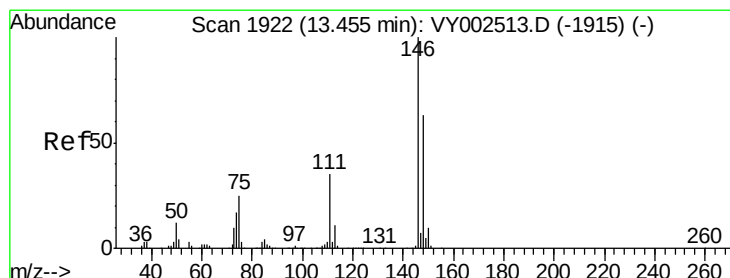
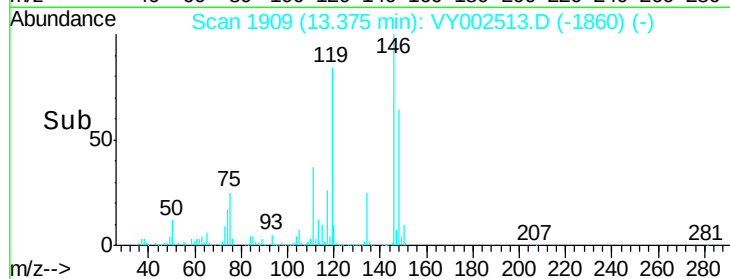
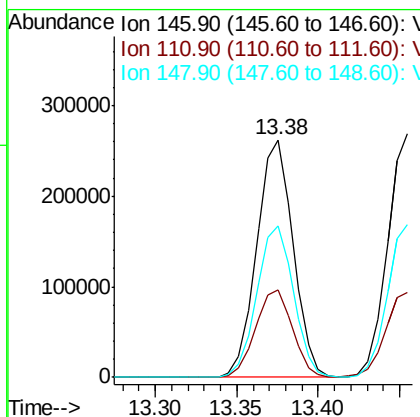
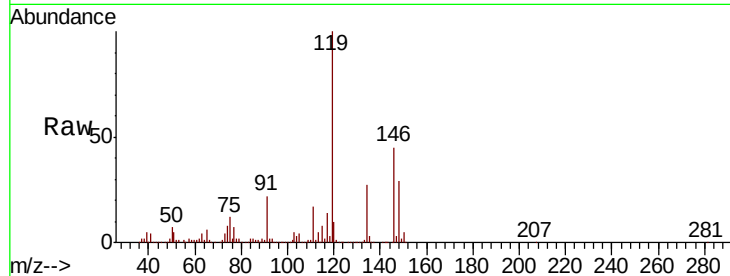




#87
 1,3-Dichlorobenzene
 Concen: 51.450 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

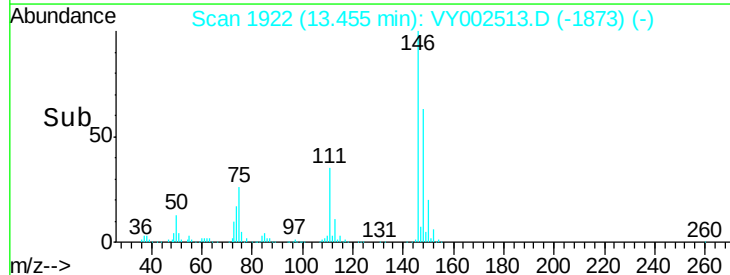
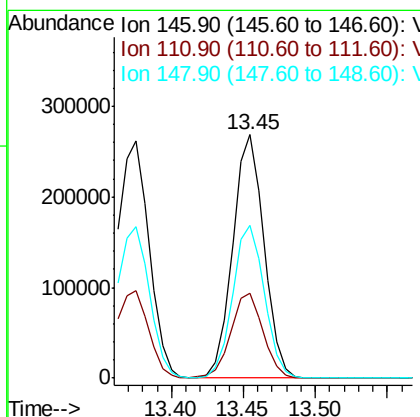
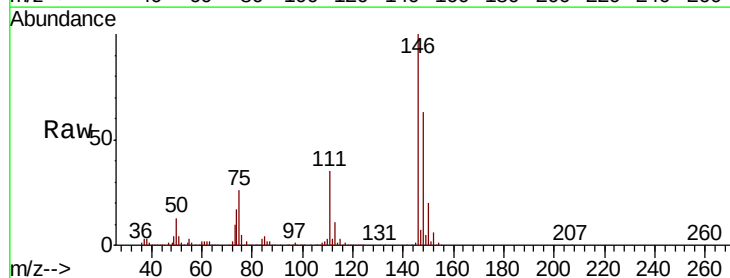
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

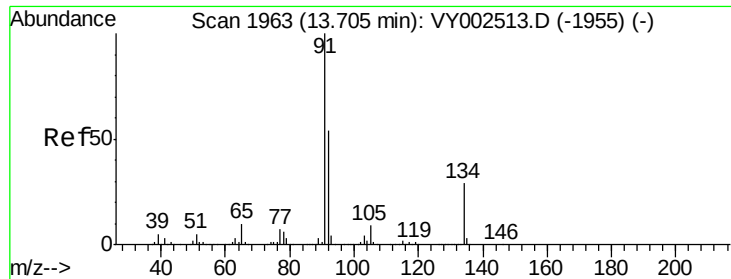
Tot Ion:146 Resp: 404967
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.072 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion:146 Resp: 405846
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.1 54.1
 148 63.7 31.9 95.5

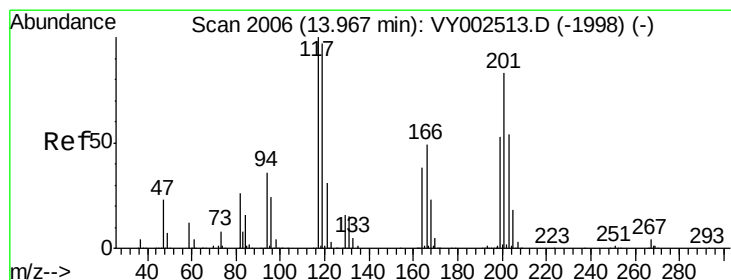
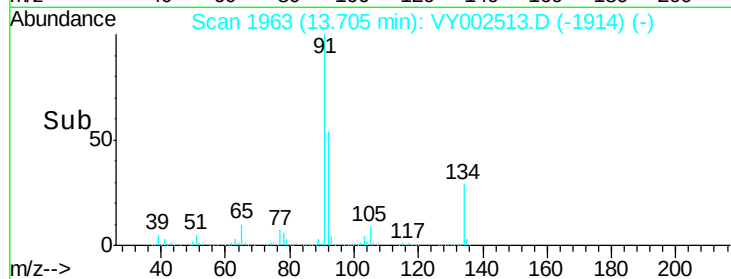
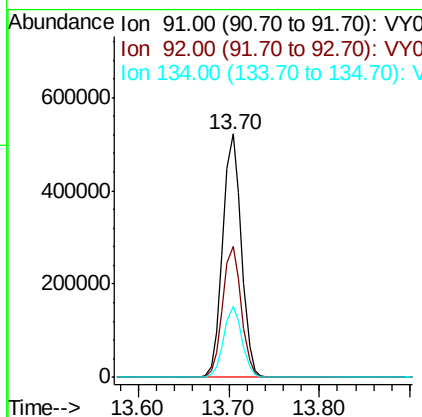
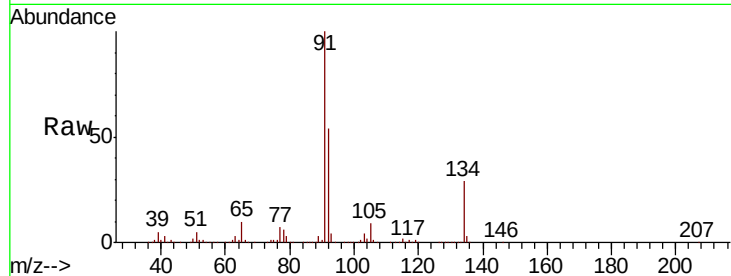




#89
n-Butylbenzene
Concen: 51.969 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

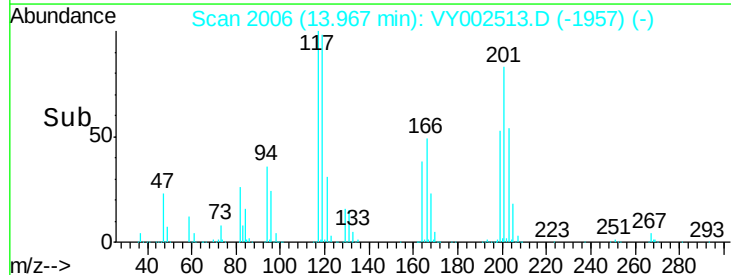
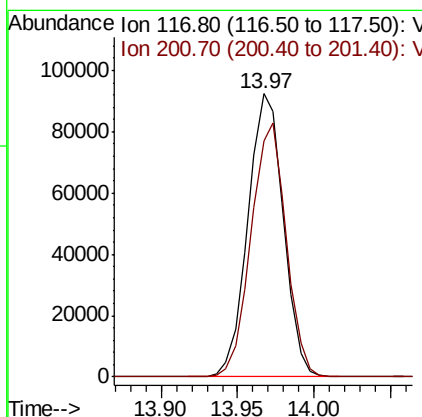
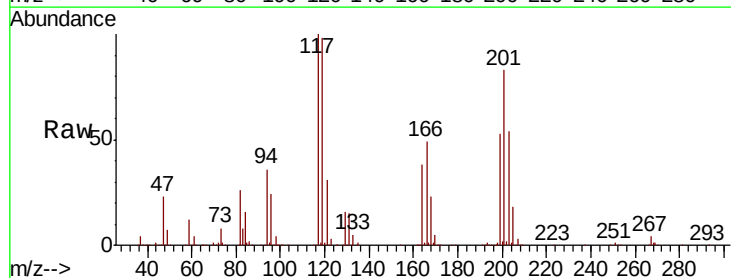
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

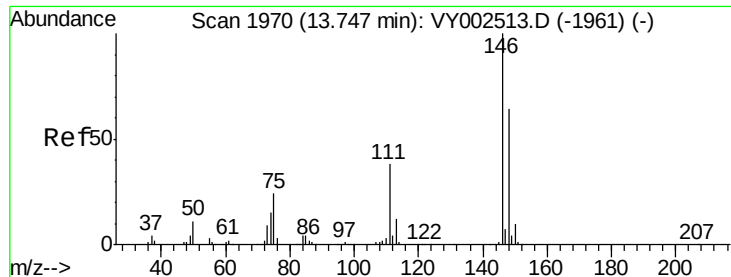
Tot Ion: 91 Resp: 744191
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.3
134 28.7 14.4 43.0



#90
Hexachloroethane
Concen: 52.035 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion: 117 Resp: 149061
Ion Ratio Lower Upper
117 100
201 88.8 44.4 133.2

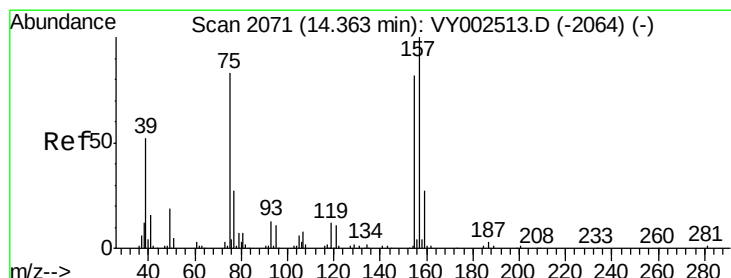
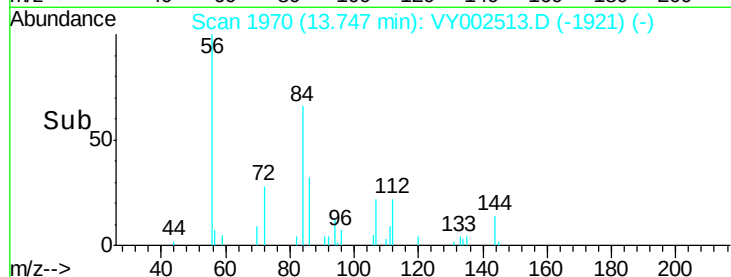
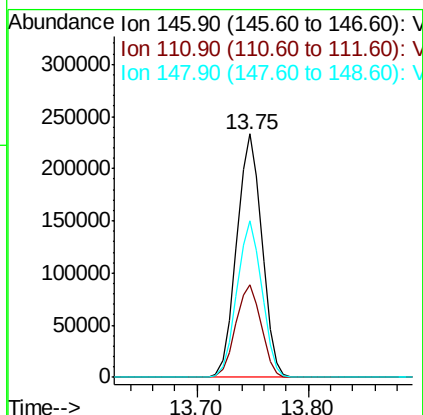
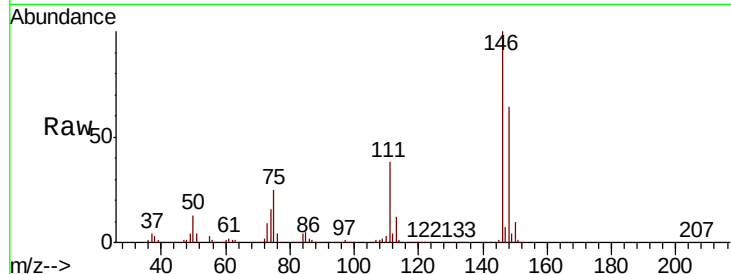




#91
 1,2-Dichlorobenzene
 Concen: 52.029 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

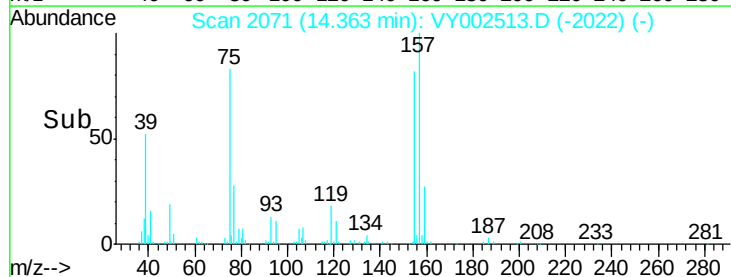
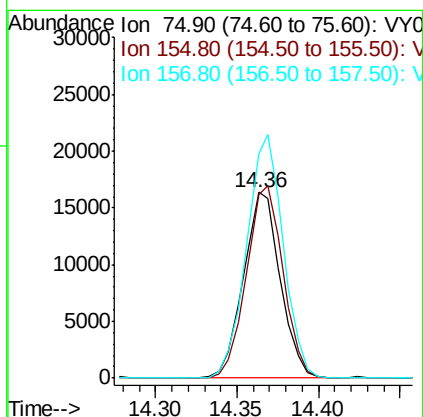
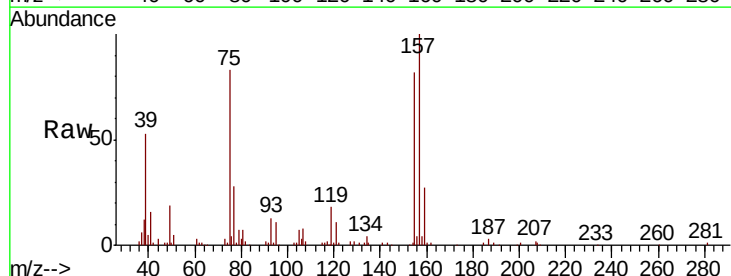
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

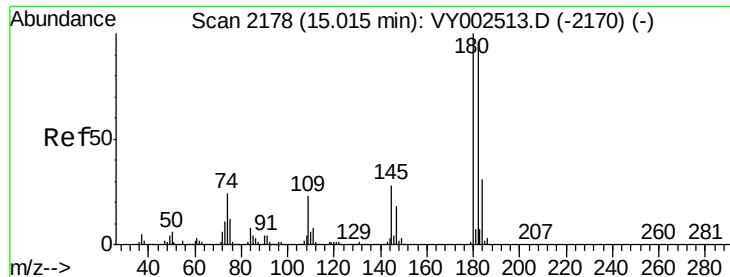
Tot Ion:146 Resp: 365421
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.239 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion: 75 Resp: 25778
 Ion Ratio Lower Upper
 75 100
 155 102.6 51.3 153.9
 157 130.0 65.0 195.0

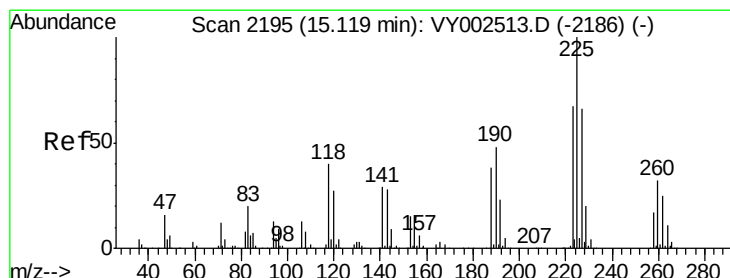
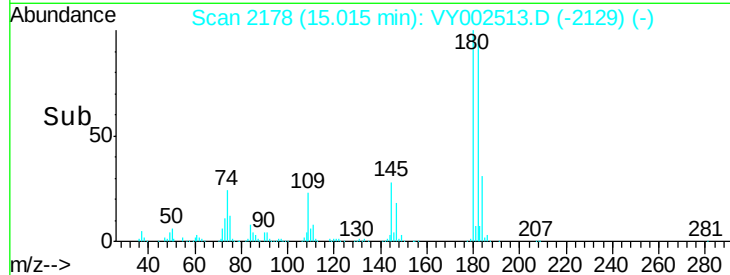
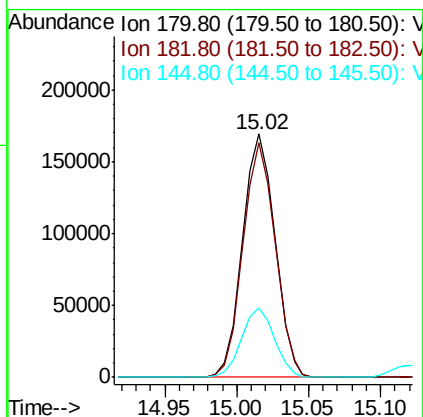
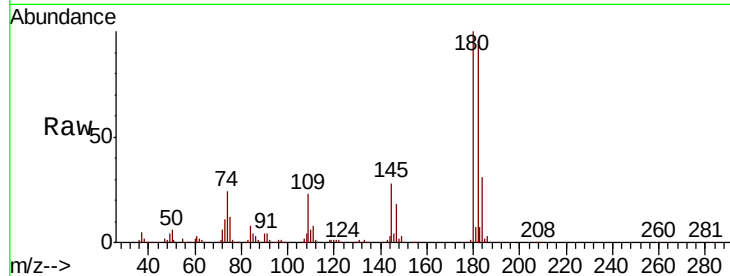




#93
 1,2,4-Trichlorobenzene
 Concen: 51.960 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

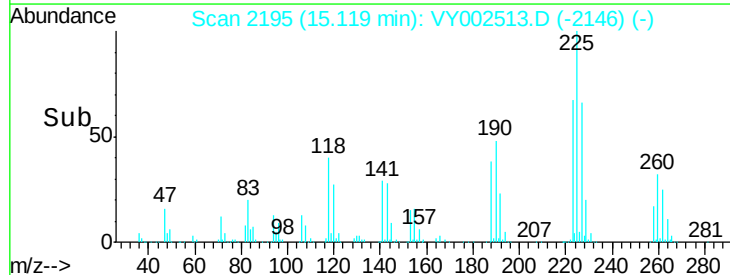
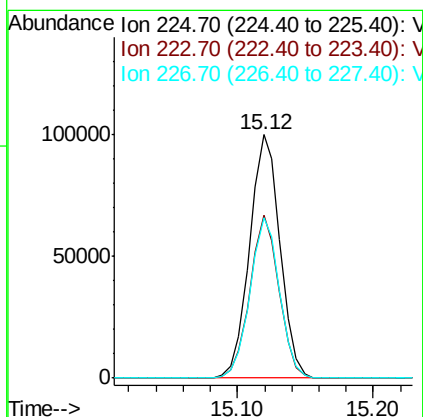
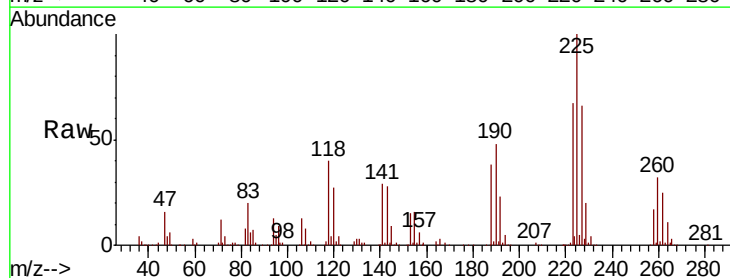
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

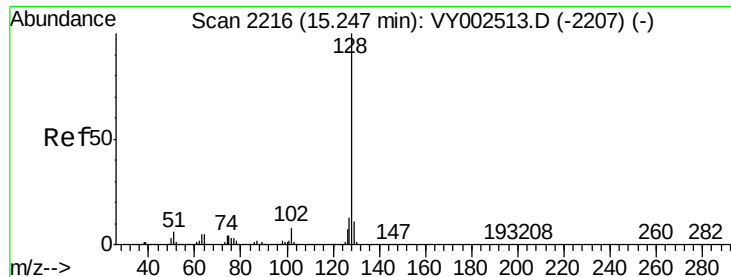
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 51.165 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002513.D
 Acq: 30 Apr 2020 15:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.1	96.5
227	64.1	32.0	96.2

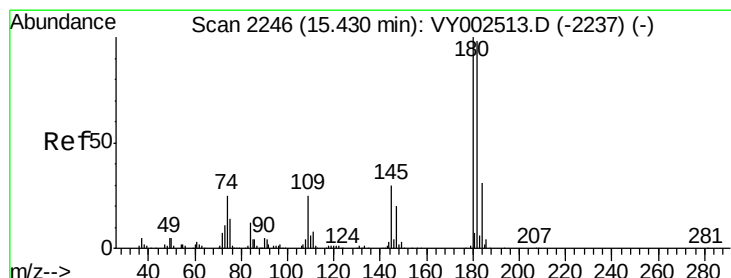
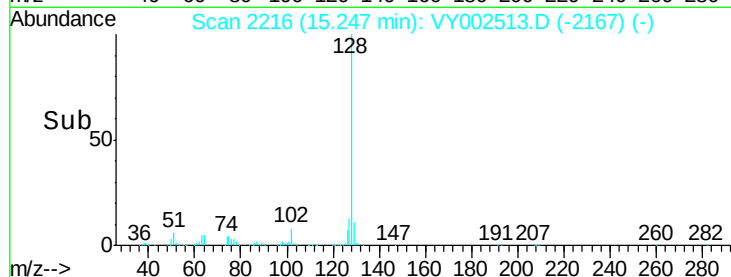
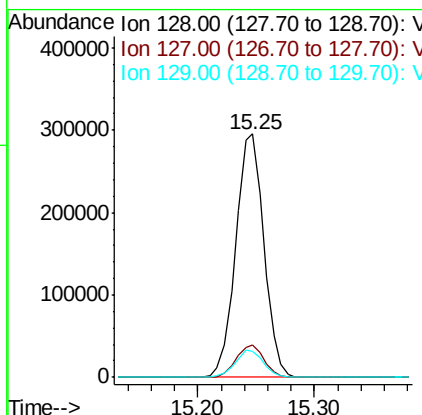
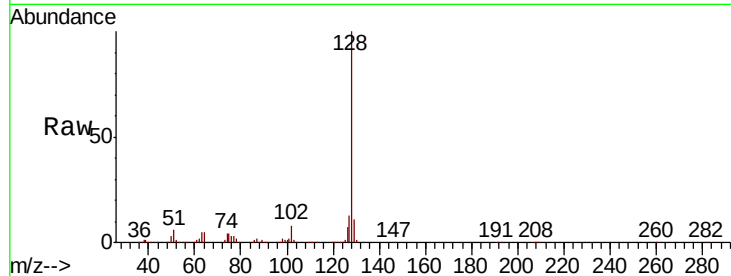




#95
Naphthalene
Concen: 53.504 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 497696
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.975 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY002513.D
Acq: 30 Apr 2020 15:23

Tgt Ion:180 Resp: 224987
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 30.1 15.0 45.1

