

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002618.D
 Acq On : 07 May 2020 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 07 12:42:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	367269	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	545724	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	487412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	251802	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	149708	48.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.72	113	158534	50.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	10.18	98	622769	51.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.49	95	211159	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	163487	53.734	ug/l	97
3) Chloromethane	2.12	50	173205	58.209	ug/l	99
4) Vinyl Chloride	2.26	62	198120	57.662	ug/l	100
5) Bromomethane	2.65	94	127248	53.704	ug/l	99
6) Chloroethane	2.80	64	111159	54.183	ug/l	99
7) Trichlorofluoromethane	3.13	101	280043	52.590	ug/l	99
8) Diethyl Ether	3.54	74	95201	53.200	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	172111	52.884	ug/l	100
10) Methyl Iodide	4.10	142	240427	54.224	ug/l	99
11) Tert butyl alcohol	4.97	59	69065	217.385	ug/l	99
12) 1,1-Dichloroethene	3.88	96	169782	53.701	ug/l	96
13) Acrolein	3.74	56	49980	227.495	ug/l	96
14) Allyl chloride	4.49	41	250278	54.331	ug/l	98
15) Acrylonitrile	5.17	53	221989	263.056	ug/l	99
16) Acetone	3.96	43	162881	255.576	ug/l	97
17) Carbon Disulfide	4.20	76	520110	54.682	ug/l	99
18) Methyl Acetate	4.48	43	108348	50.882	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	430999	52.251	ug/l	98
20) Methylene Chloride	4.72	84	179132	50.263	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	186392	53.939	ug/l	96
22) Diisopropyl ether	6.13	45	498899	53.525	ug/l	99
23) Vinyl Acetate	6.07	43	1564609	266.916	ug/l	100
24) 1,1-Dichloroethane	6.03	63	294638	53.433	ug/l	99
25) 2-Butanone	6.99	43	257232	246.571	ug/l	99
26) 2,2-Dichloropropane	6.99	77	269726	51.461	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	200925	52.549	ug/l	99
28) Bromochloromethane	7.34	49	114528	50.693	ug/l	99
29) Tetrahydrofuran	7.35	42	181134	262.428	ug/l	100
30) Chloroform	7.52	83	299018	52.153	ug/l	99
31) Cyclohexane	7.79	56	284669	51.288	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	280474	52.631	ug/l	99
36) 1,1-Dichloropropene	7.93	75	243852	53.303	ug/l	99
37) Ethyl Acetate	7.08	43	122081	51.929	ug/l	99
38) Carbon Tetrachloride	7.91	117	261430	52.342	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	319041	52.800	ug/l	99
40) Benzene	8.17	78	700532	53.018	ug/l	100
41) Methacrylonitrile	7.35	41	165928	131.271	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	185905	50.159	ug/l	98
43) Isopropyl Acetate	8.28	43	230800	52.368	ug/l	100
44) Trichloroethene	8.94	130	222855	53.969	ug/l	98
45) 1,2-Dichloropropane	9.22	63	168363	52.796	ug/l	99
46) Dibromomethane	9.31	93	94980	51.766	ug/l	99
47) Bromodichloromethane	9.50	83	233617	52.365	ug/l	98
48) Methyl methacrylate	9.30	41	103955	52.118	ug/l	98
49) 1,4-Dioxane	9.30	88	25091	1032.842	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	599483	263.894	ug/l	100
52) Toluene	10.25	92	453854	53.446	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	246605	52.757	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	285142	52.767	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	139118	51.994	ug/l	97
56) Ethyl methacrylate	10.51	69	192014	53.945	ug/l	98
57) 1,3-Dichloropropane	10.80	76	236401	52.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	493434	262.875	ug/l	99
59) 2-Hexanone	10.84	43	414515	265.115	ug/l	99
60) Dibromochloromethane	10.99	129	179061	52.618	ug/l	100
61) 1,2-Dibromoethane	11.10	107	137501	51.900	ug/l	99
64) Tetrachloroethene	10.72	164	243918	56.324	ug/l	99
65) Chlorobenzene	11.52	112	493376	53.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	186300	54.166	ug/l	99
67) Ethyl Benzene	11.60	91	872613	53.614	ug/l	99
68) m/p-Xylenes	11.71	106	673293	106.914	ug/l	100
69) o-Xylene	12.03	106	318183	53.962	ug/l	99
70) Styrene	12.05	104	546939	54.259	ug/l	99
71) Bromoform	12.21	173	115704	54.200	ug/l #	99
73) Isopropylbenzene	12.33	105	860523	52.731	ug/l	100
74) N-amyl acetate	12.15	43	213360	54.350	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	129665	49.961	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	208802	93.312	ug/l #	100
77) Bromobenzene	12.61	156	214906	52.709	ug/l	99
78) n-propylbenzene	12.67	91	1002935	52.959	ug/l	100
79) 2-Chlorotoluene	12.76	91	556898	53.087	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	716555	52.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59939	53.712	ug/l #	74
82) 4-Chlorotoluene	12.86	91	576699	52.335	ug/l	99
83) tert-Butylbenzene	13.08	119	635833	53.607	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	713523	52.926	ug/l	100
85) sec-Butylbenzene	13.26	105	875994	53.224	ug/l	100
86) p-Isopropyltoluene	13.38	119	815077	52.853	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	405631	52.565	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	398785	52.189	ug/l	100
89) n-Butylbenzene	13.70	91	744800	53.052	ug/l	100
90) Hexachloroethane	13.97	117	150520	53.595	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	358584	52.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24609	50.867	ug/l	99

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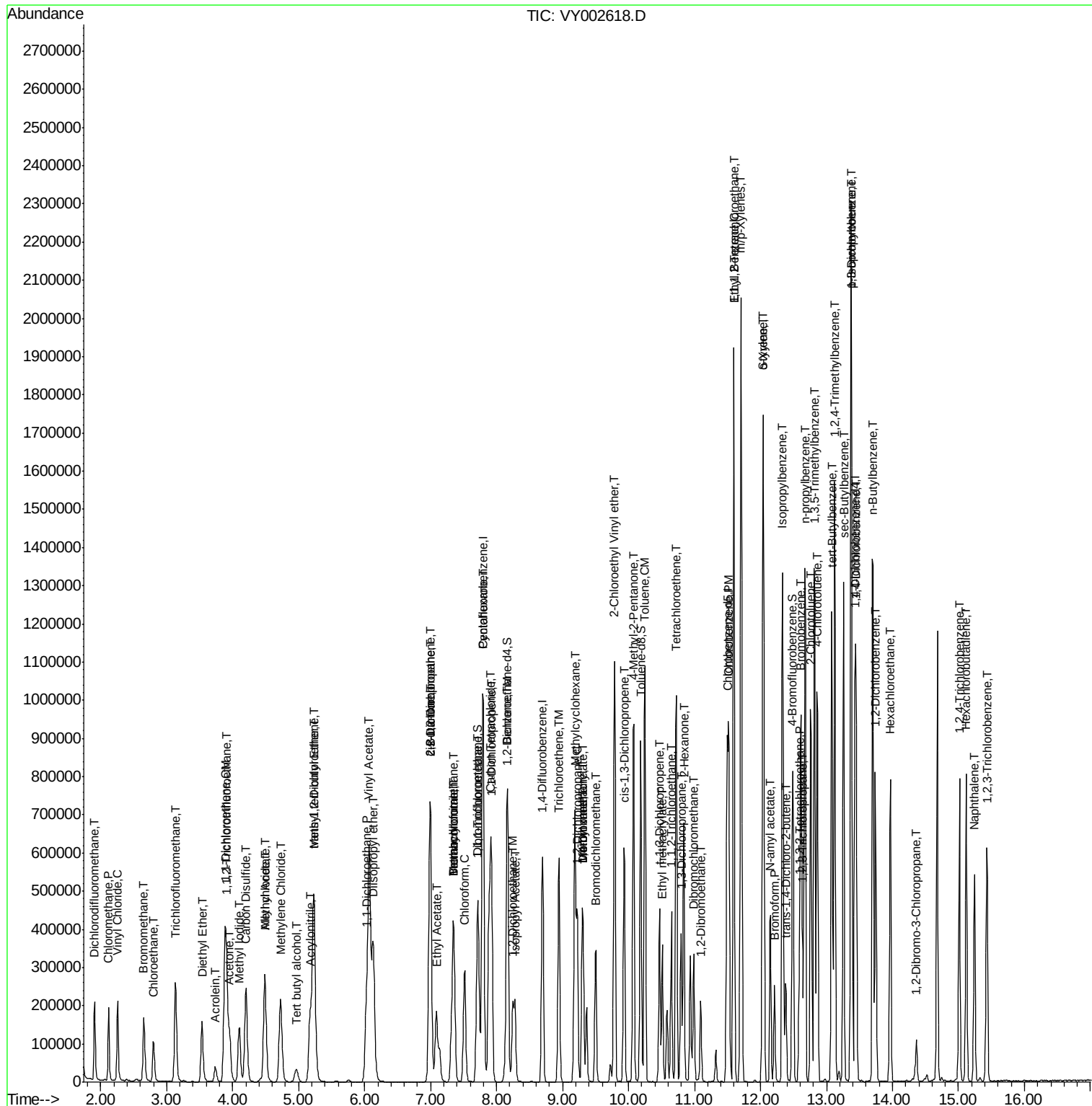
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	259177	51.845	ug/l	99
94) Hexachlorobutadiene	15.12	225	157145	52.369	ug/l	99
95) Naphthalene	15.24	128	468612	51.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	215888	50.871	ug/l	99

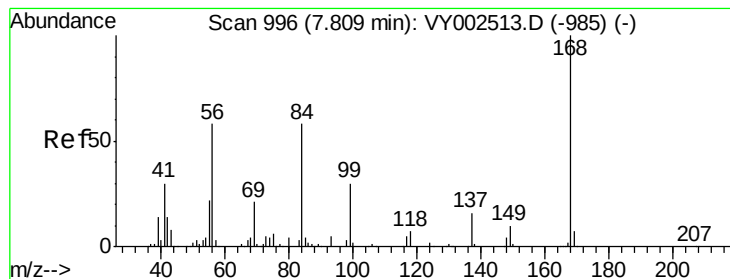
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

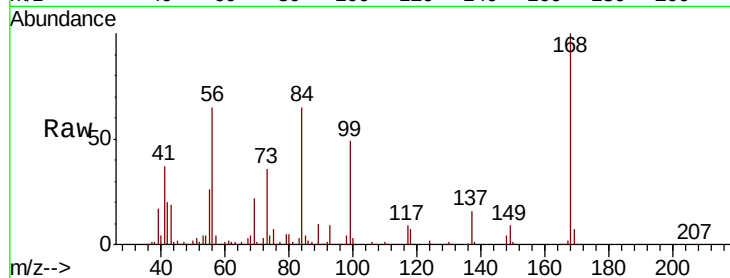
VSTDCCC050

Tot Ion:168 Resp: 367269

Ion Ratio Lower Upper

168 100

99 49.4 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) (-)

7.80

150000

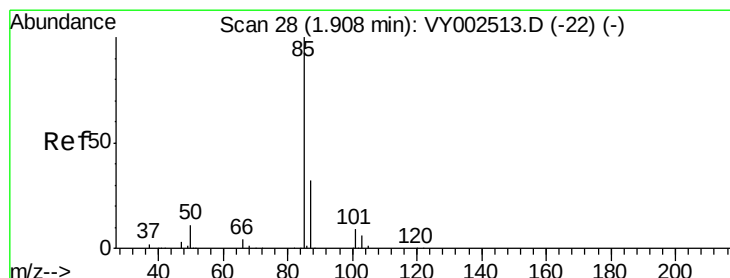
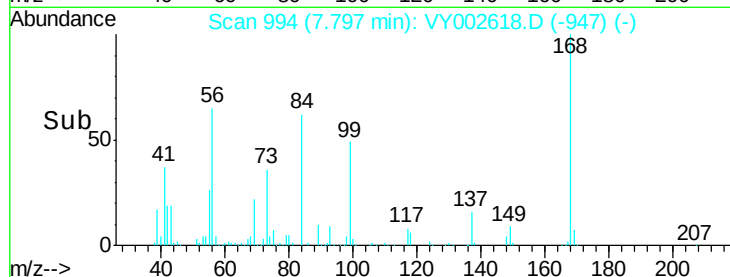
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.734 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002618.D

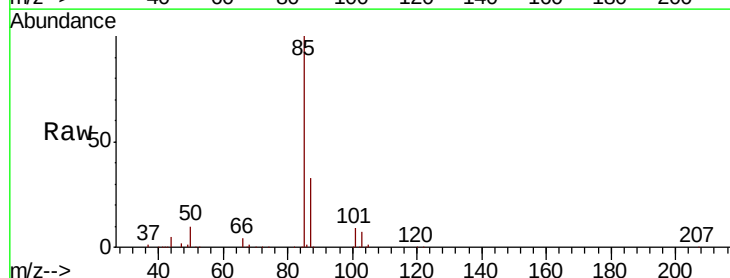
Acq: 07 May 2020 09:55

Tgt Ion: 85 Resp: 163487

Ion Ratio Lower Upper

85 100

87 33.3 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

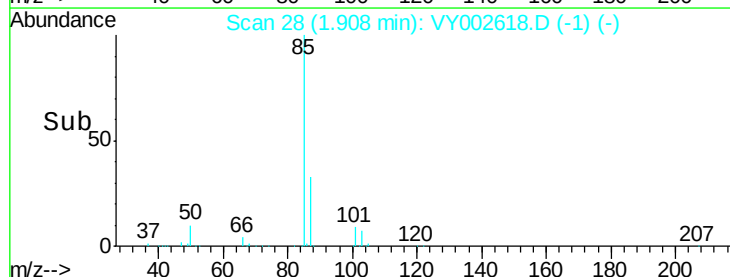
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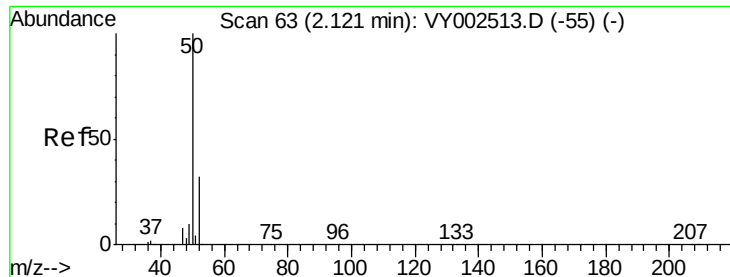
50000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 58.209 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

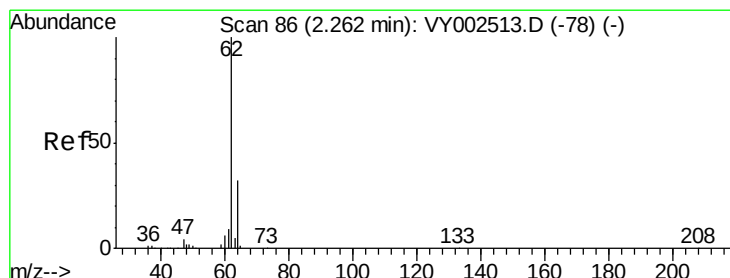
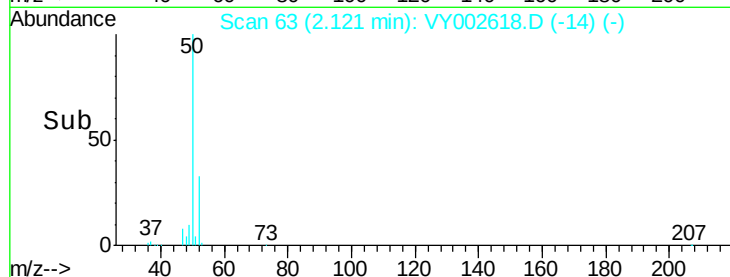
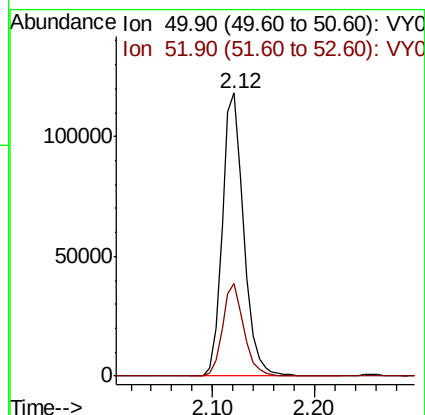
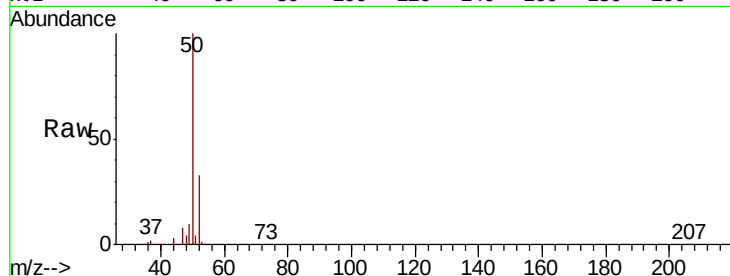
VSTDCCC050

Tot Ion: 50 Resp: 173205

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 57.662 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002618.D

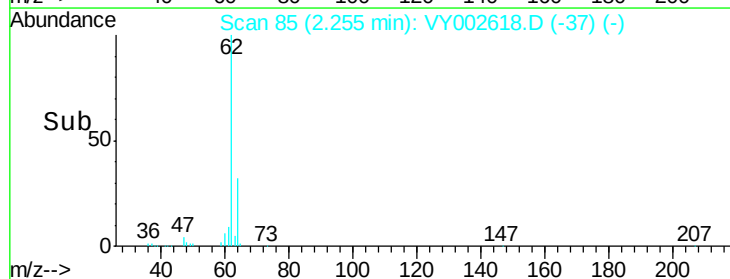
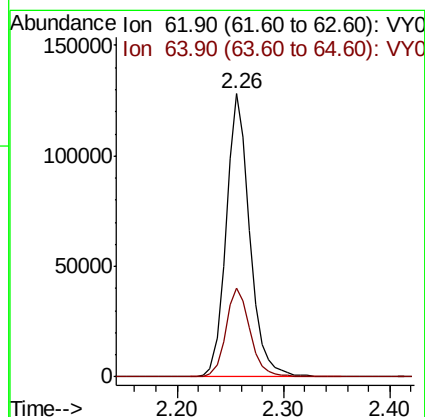
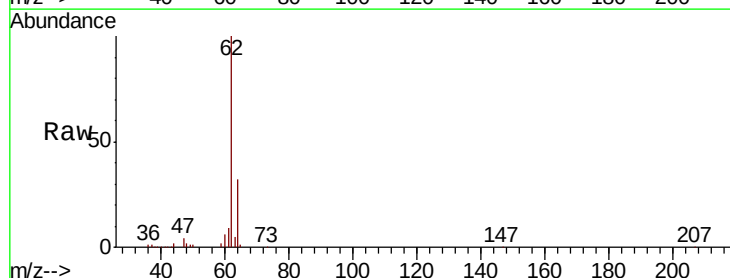
Acq: 07 May 2020 09:55

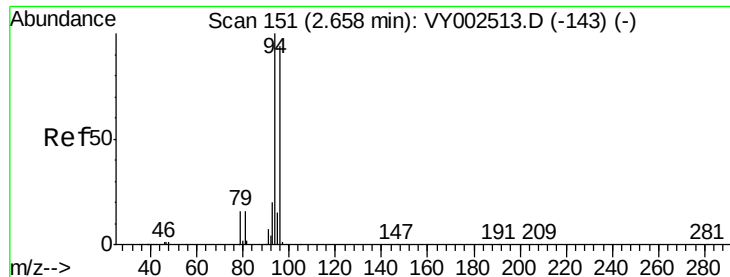
Tgt Ion: 62 Resp: 198120

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 53.704 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

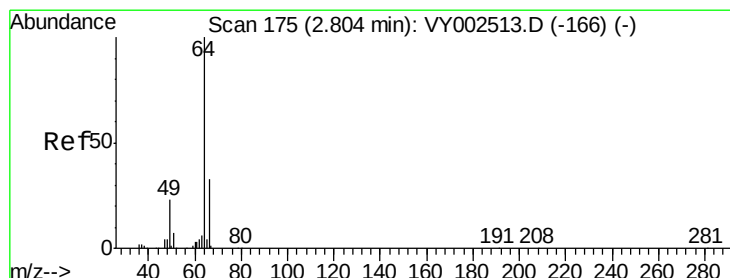
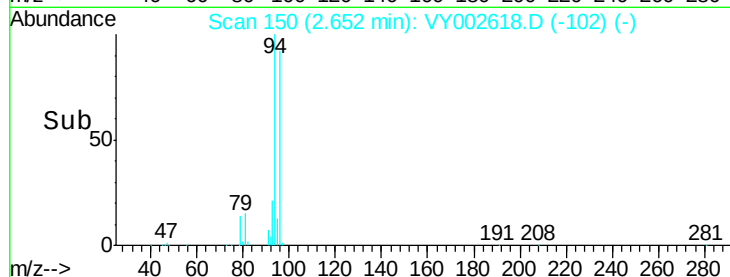
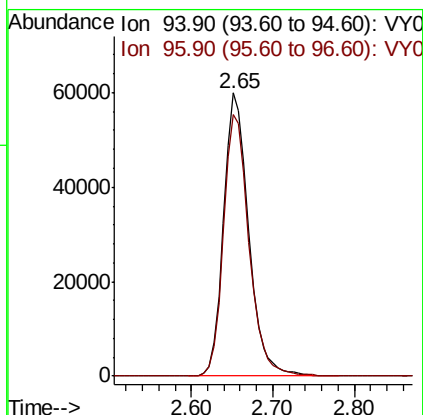
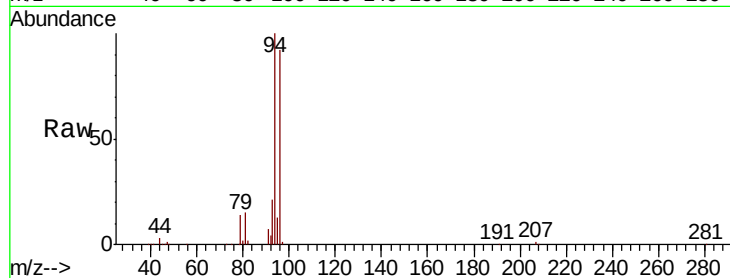
VSTDCCC050

Tot Ion: 94 Resp: 127248

Ion Ratio Lower Upper

94 100

96 92.5 74.9 112.3



#6

Chloroethane

Concen: 54.183 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002618.D

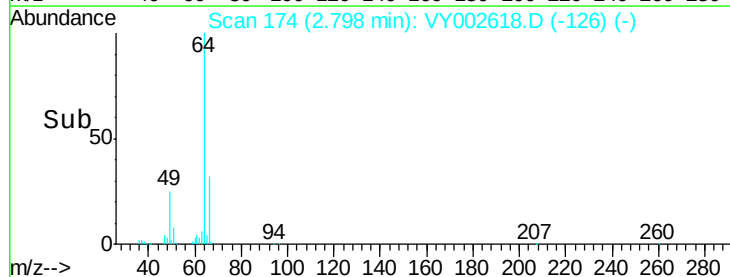
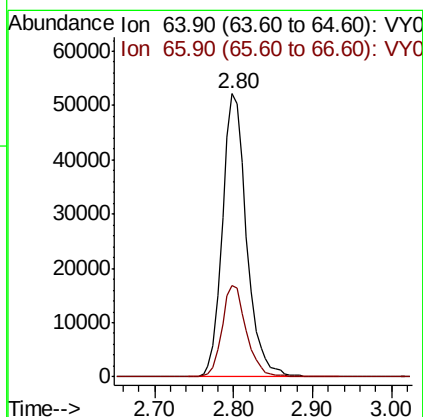
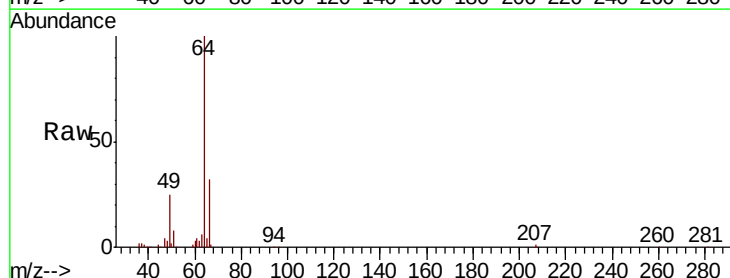
Acq: 07 May 2020 09:55

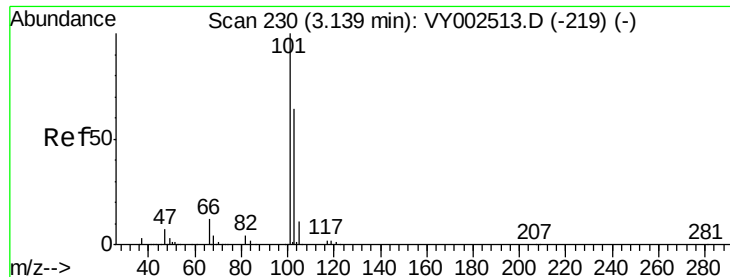
Tgt Ion: 64 Resp: 111159

Ion Ratio Lower Upper

64 100

66 32.4 26.3 39.5





#7

Trichlorofluoromethane

Concen: 52.590 ug/l

RT: 3.13 min Scan# 229

Delta R.T. -0.01 min

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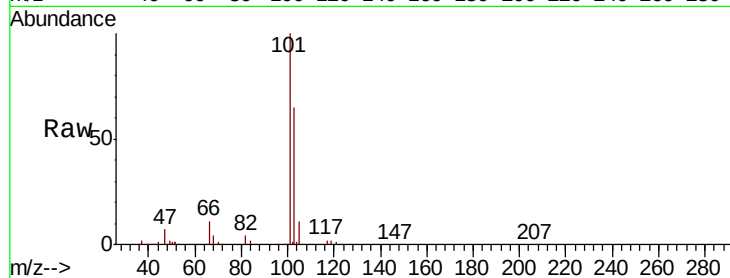
VSTDCCC050

Tot Ion:101 Resp: 280043

Ion Ratio Lower Upper

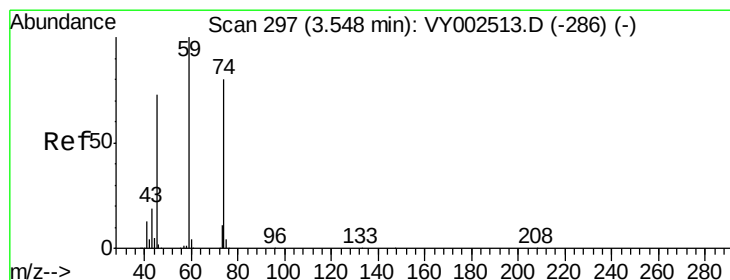
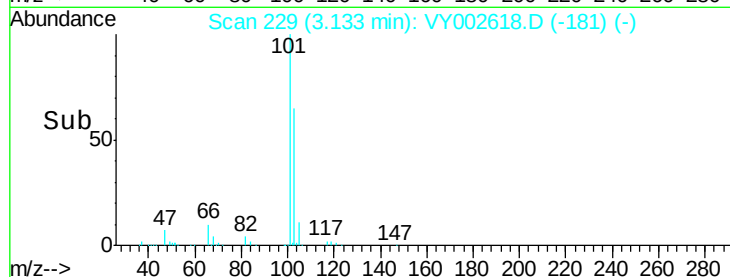
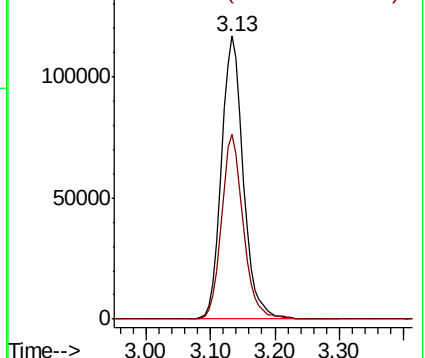
101 100

103 65.2 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.200 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.01 min

Lab File: VY002618.D

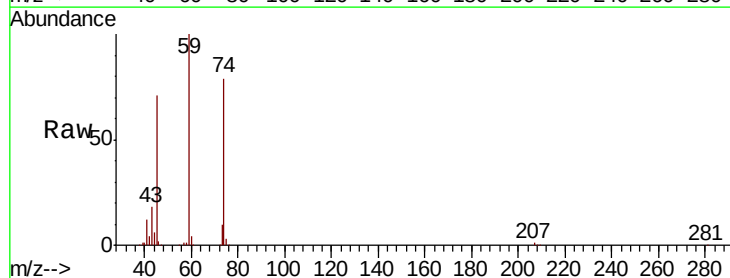
Acq: 07 May 2020 09:55

Tgt Ion: 74 Resp: 95201

Ion Ratio Lower Upper

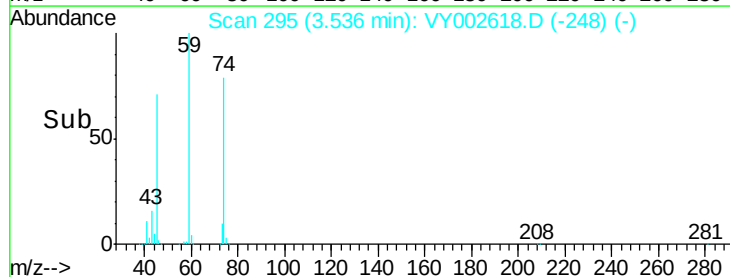
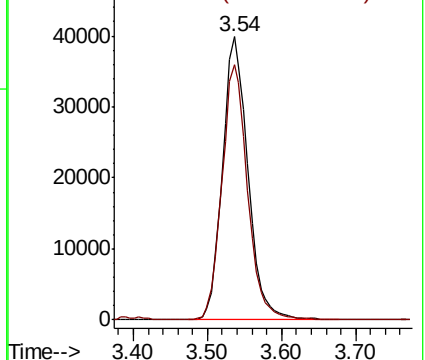
74 100

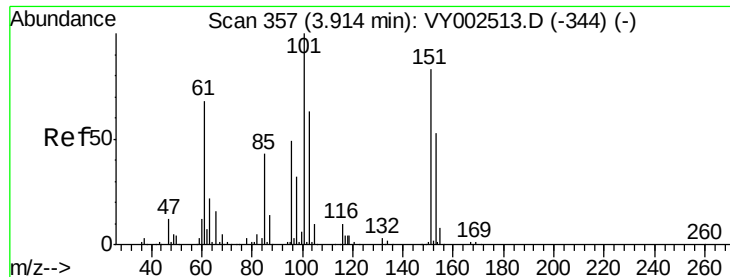
45 90.6 46.2 138.5



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.884 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

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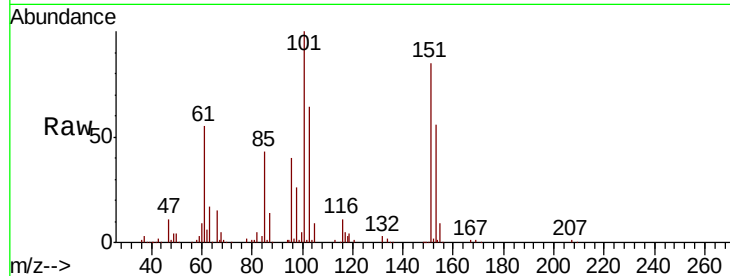
Tot Ion:101 Resp: 172111

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

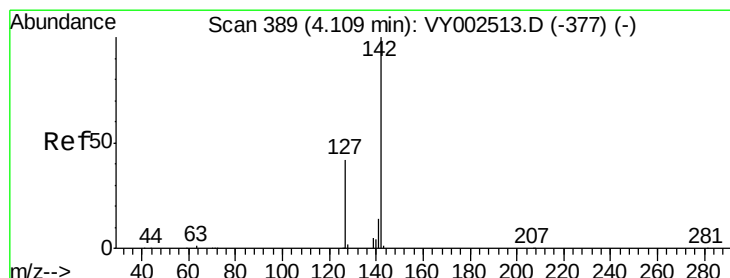
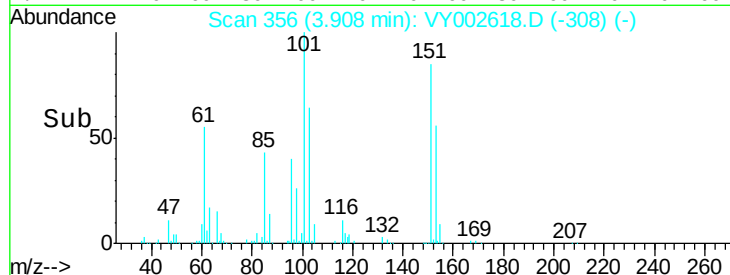
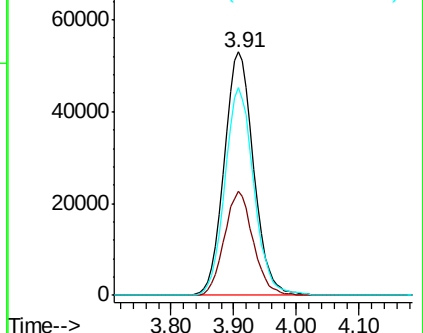
151 84.0 66.8 100.2



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: 54.224 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

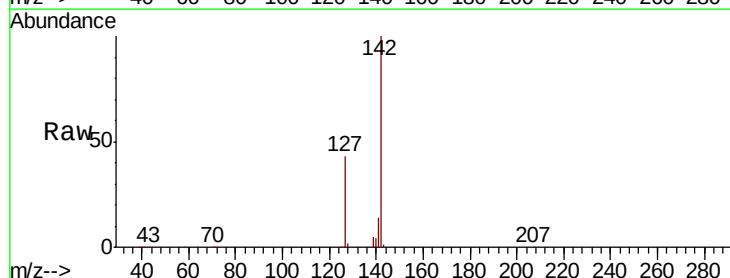
Tgt Ion:142 Resp: 240427

Ion Ratio Lower Upper

142 100

127 41.4 33.7 50.5

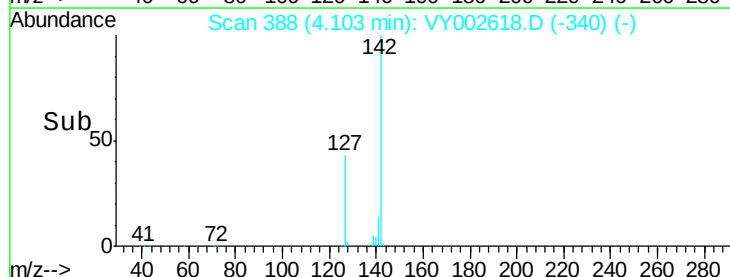
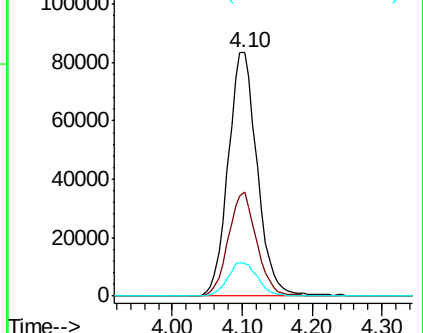
141 14.3 11.4 17.0

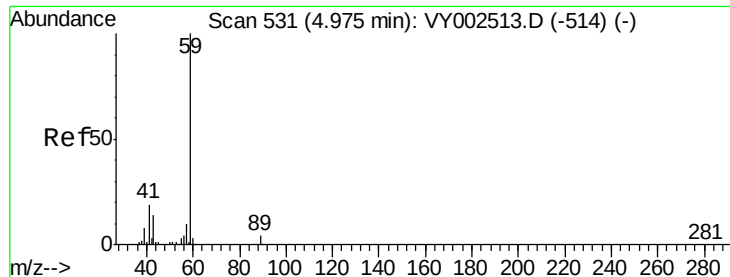


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

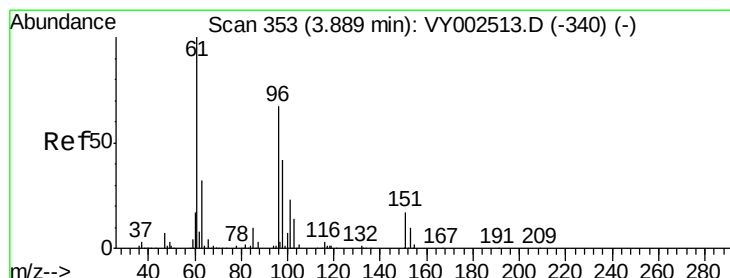
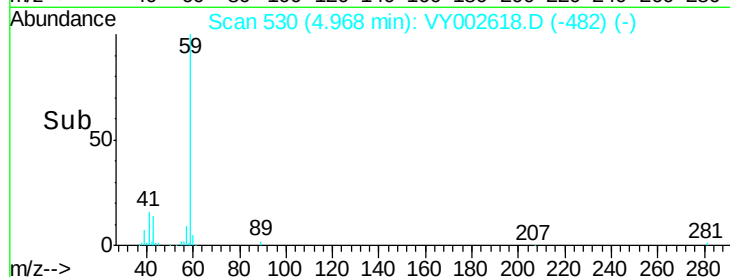
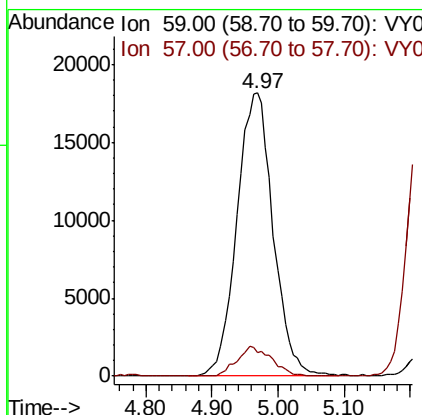
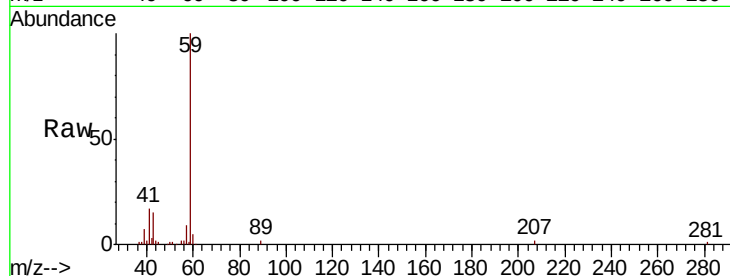




#11
Tert butyl alcohol
Concen: 217.385 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

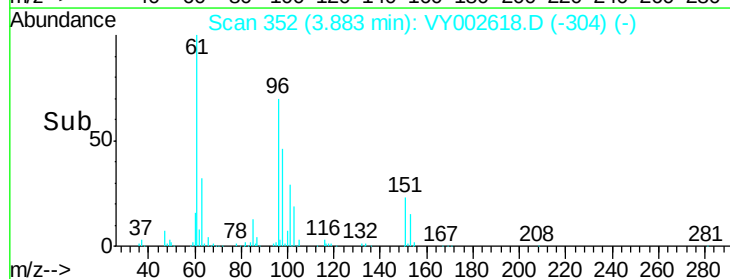
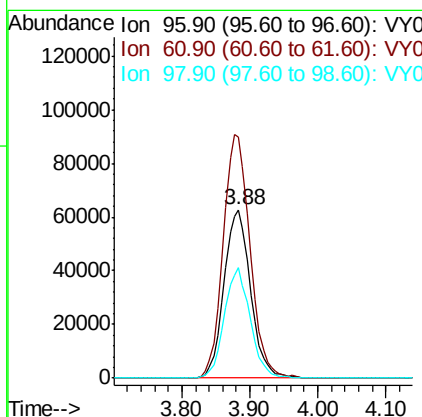
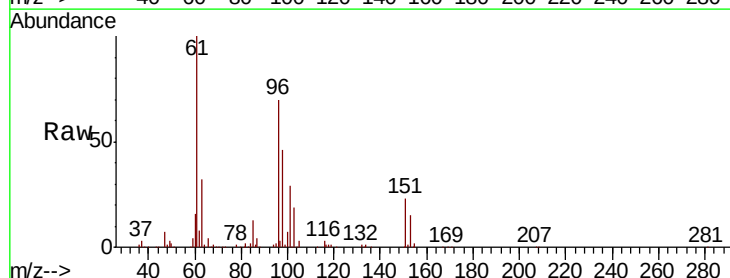
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

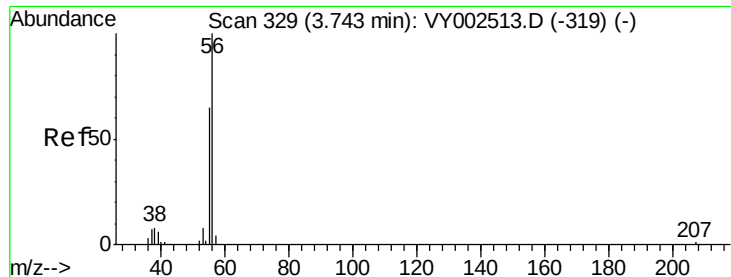
Tot Ion: 59 Resp: 69065
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 53.701 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 96 Resp: 169782
Ion Ratio Lower Upper
96 100
61 143.3 118.8 178.2
98 65.7 49.6 74.4





#13

Acrolein

Concen: 227.495 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

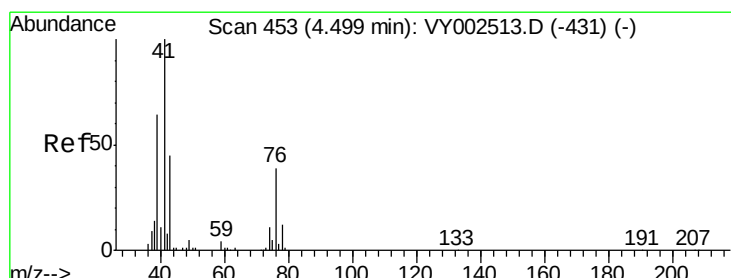
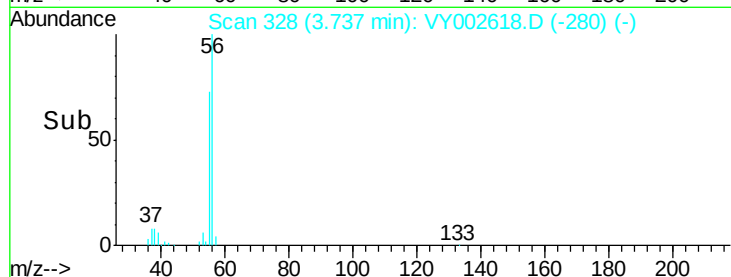
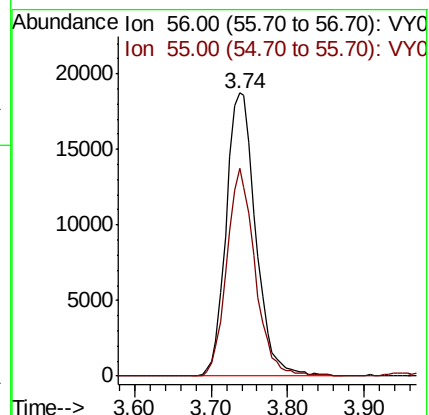
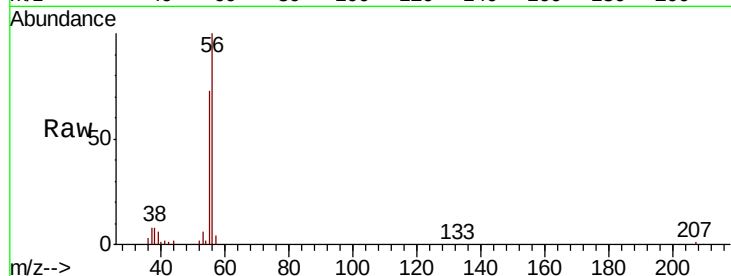
VSTDCCC050

Tot Ion: 56 Resp: 49980

Ion Ratio Lower Upper

56 100

55 70.2 53.8 80.6



#14

Allyl chloride

Concen: 54.331 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

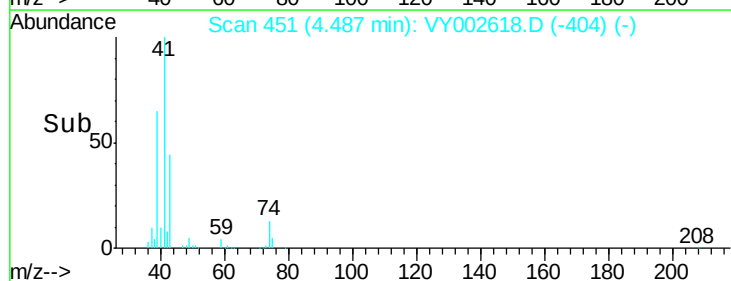
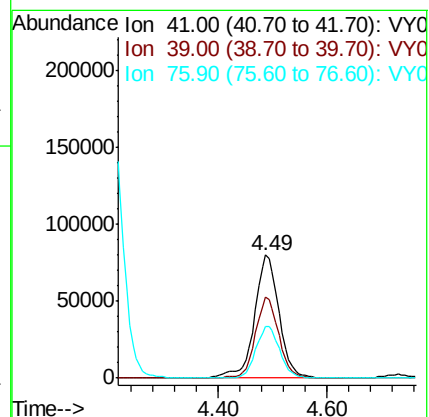
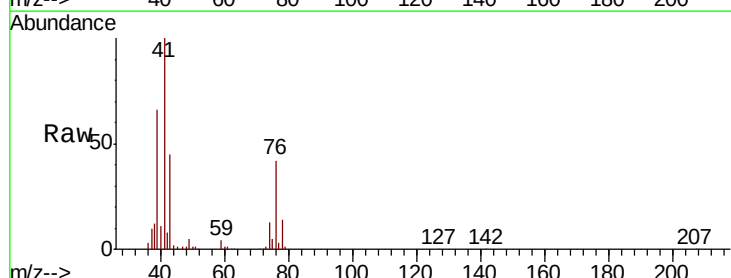
Tgt Ion: 41 Resp: 250278

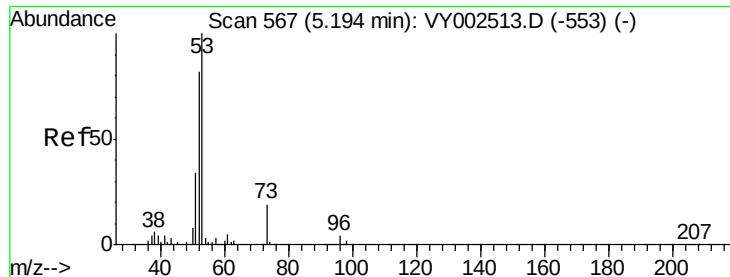
Ion Ratio Lower Upper

41 100

39 62.7 51.8 77.6

76 40.8 31.7 47.5





#15

Acrylonitrile

Concen: 263.056 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.02 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

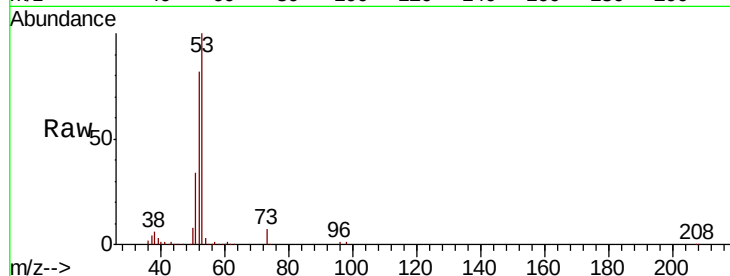
Tot Ion: 53 Resp: 221989

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.0

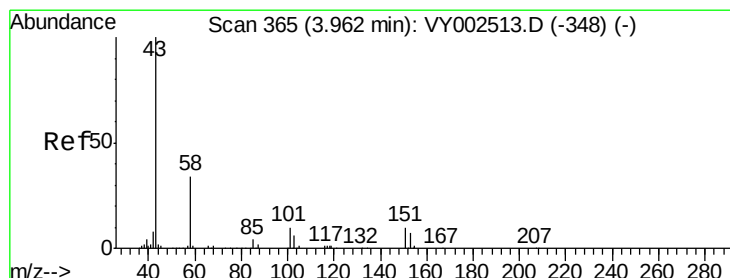
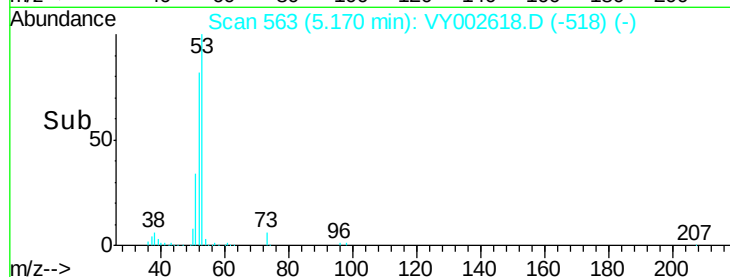
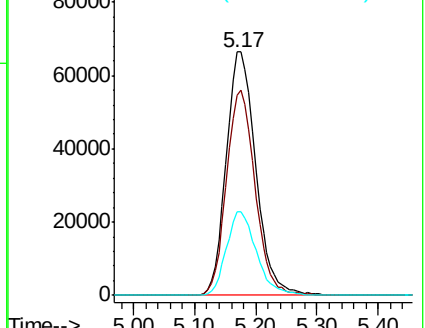
51 34.8 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 255.576 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002618.D

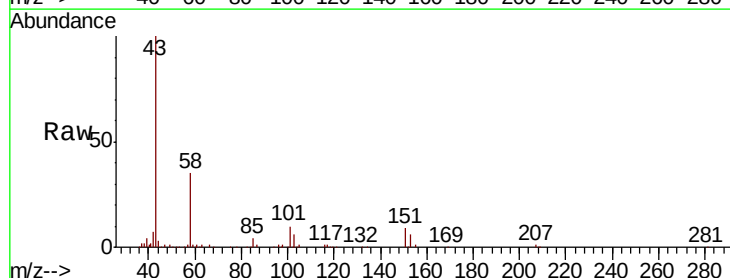
Acq: 07 May 2020 09:55

Tgt Ion: 43 Resp: 162881

Ion Ratio Lower Upper

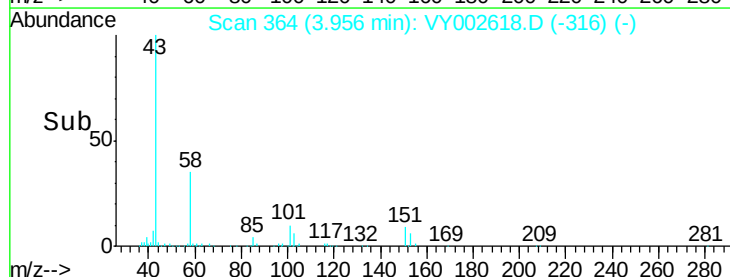
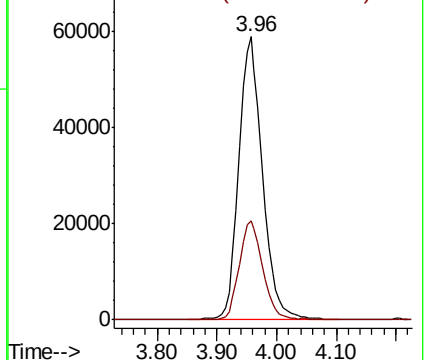
43 100

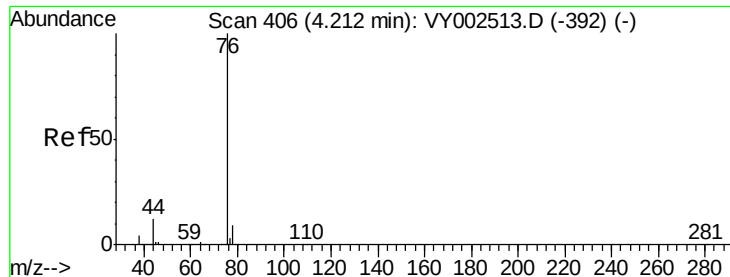
58 35.1 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 54.682 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

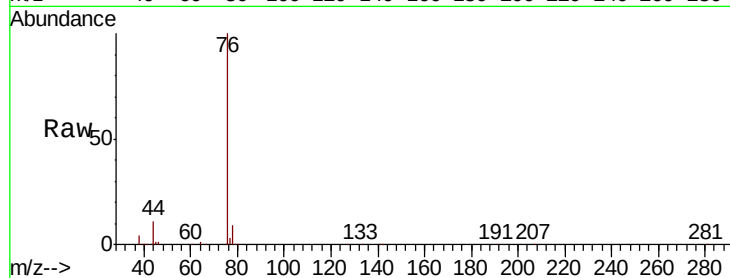
VSTDCCC050

Tot Ion: 76 Resp: 520110

Ion Ratio Lower Upper

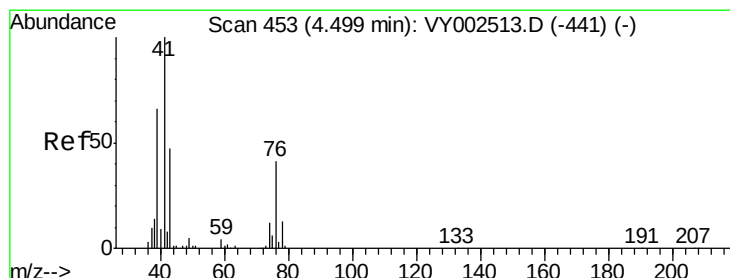
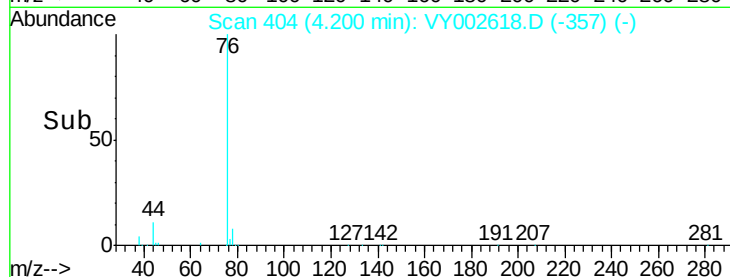
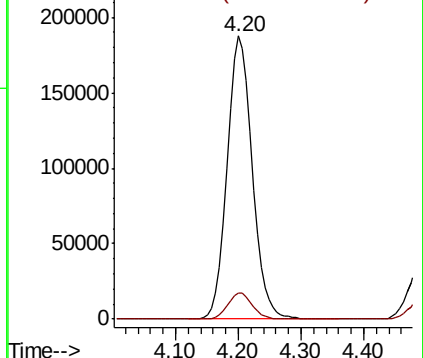
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 50.882 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY002618.D

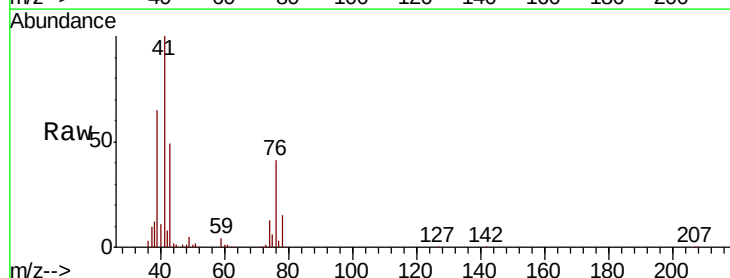
Acq: 07 May 2020 09:55

Tgt Ion: 43 Resp: 108348

Ion Ratio Lower Upper

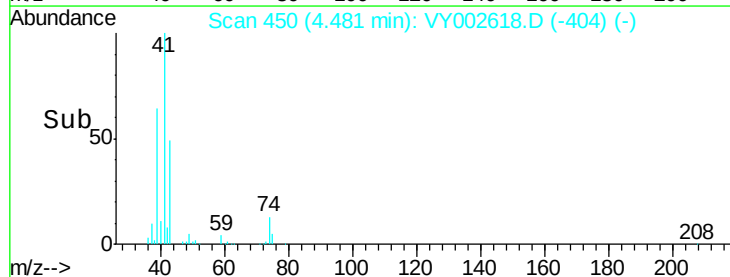
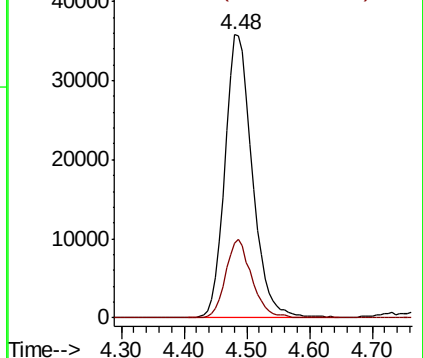
43 100

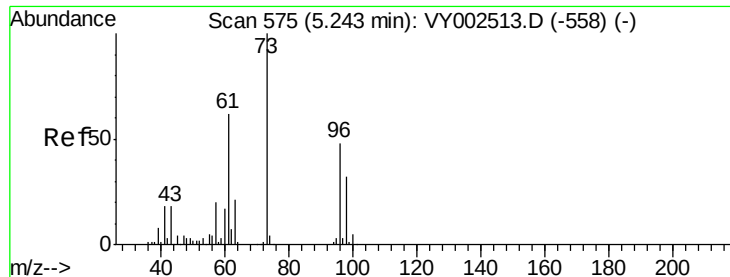
74 26.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

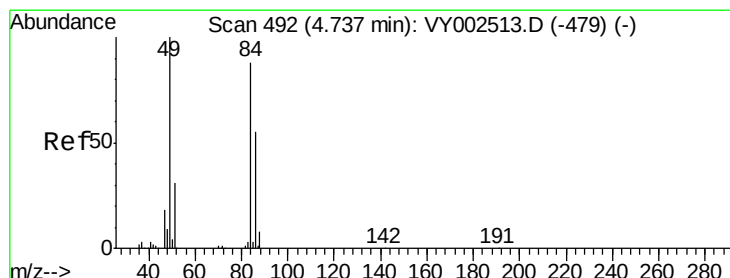
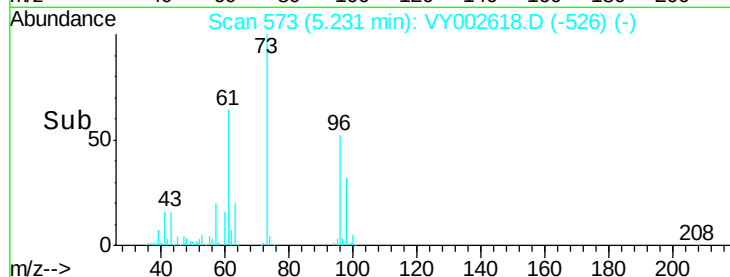
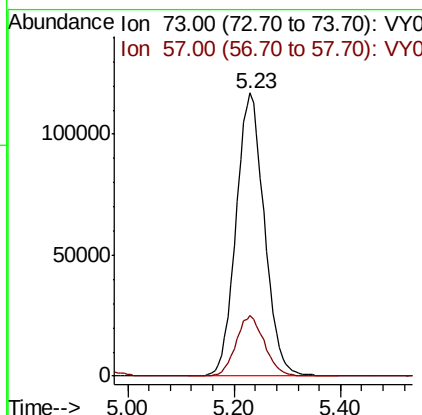
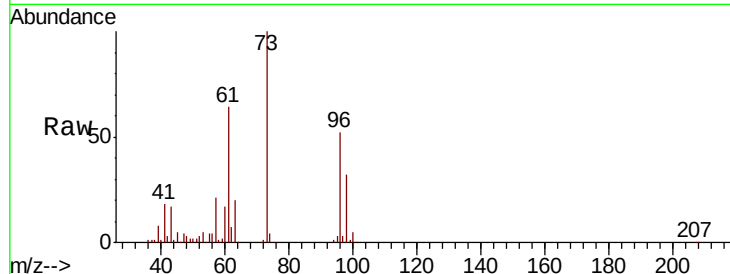




#19
Methyl tert-butyl Ether
Concen: 52.251 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

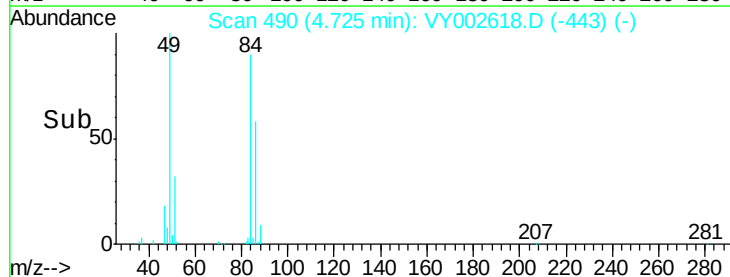
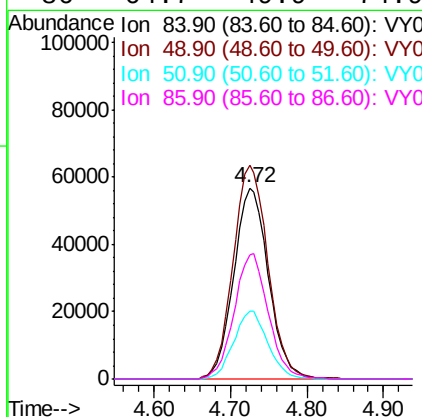
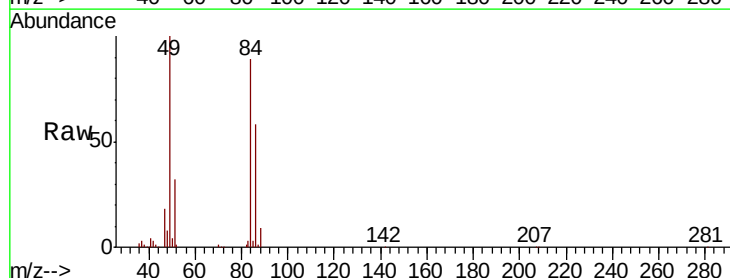
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

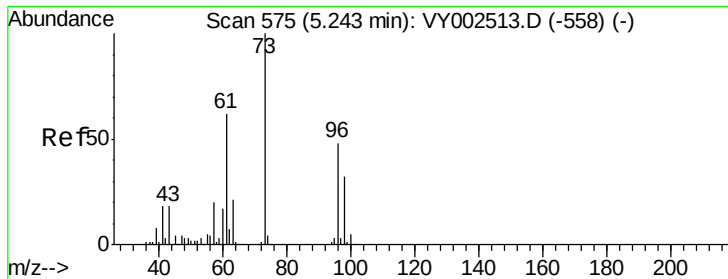
Tot Ion: 73 Resp: 430999
Ion Ratio Lower Upper
73 100
57 21.3 16.3 24.5



#20
Methylene Chloride
Concen: 50.263 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 84 Resp: 179132
Ion Ratio Lower Upper
84 100
49 111.9 90.5 135.7
51 35.6 28.3 42.5
86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.939 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

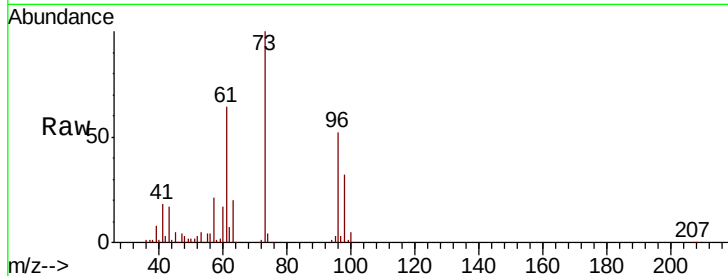
Tot Ion: 96 Resp: 186392

Ion Ratio Lower Upper

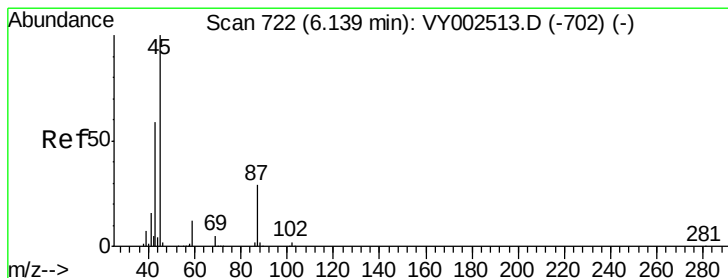
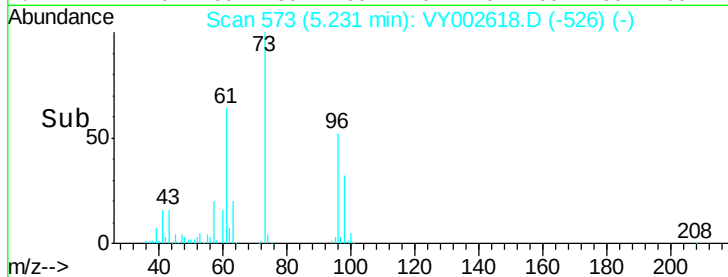
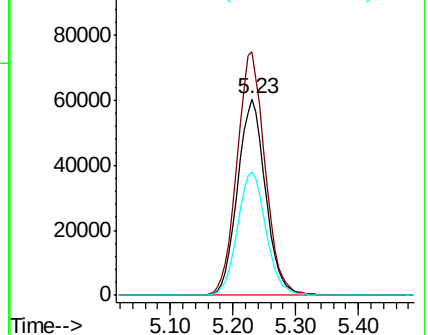
96 100

61 123.8 102.0 153.0

98 62.5 53.0 79.4



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



#22

Diisopropyl ether

Concen: 53.525 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Tgt Ion: 45 Resp: 498899

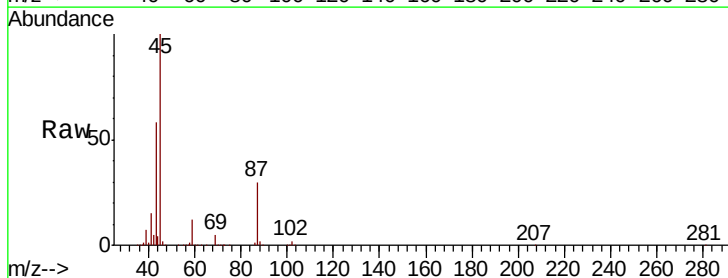
Ion Ratio Lower Upper

45 100

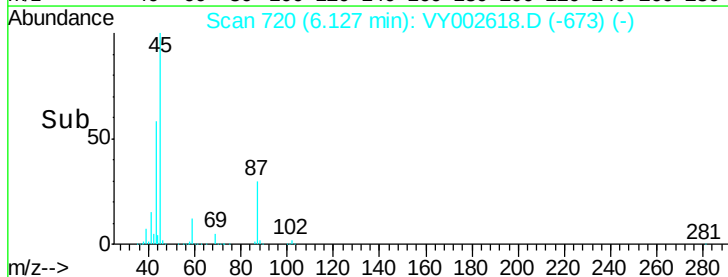
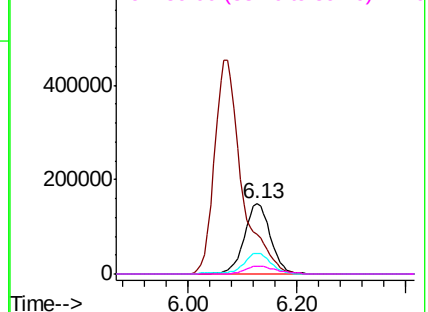
43 57.5 47.4 71.0

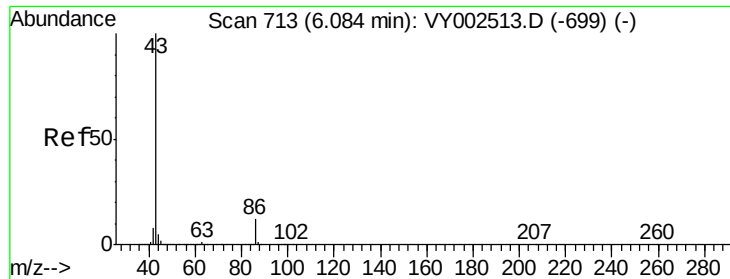
87 29.9 24.0 36.0

59 11.8 9.8 14.8



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

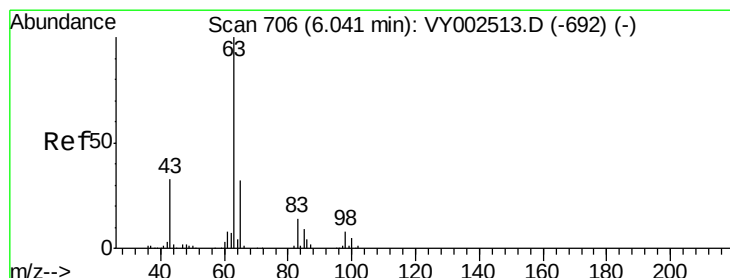
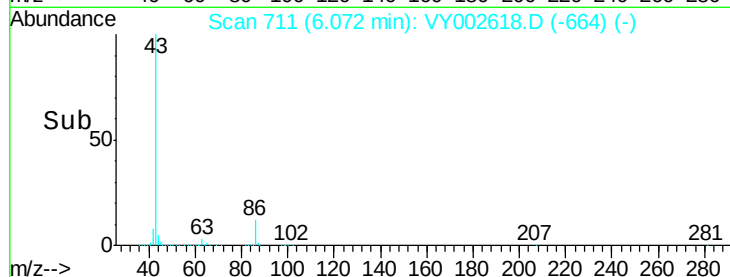
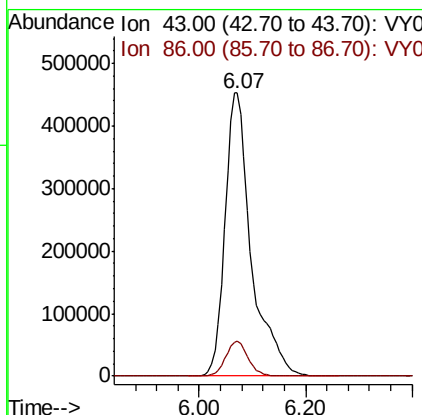
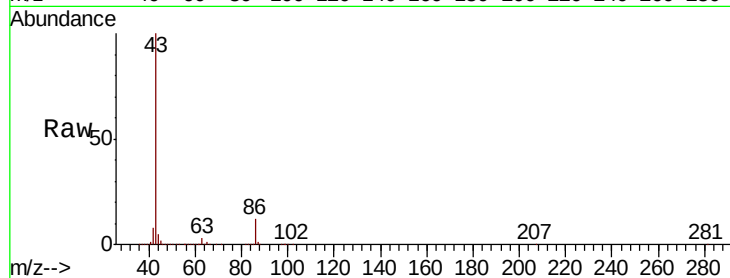




#23
 Vinyl Acetate
 Concen: 266.916 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

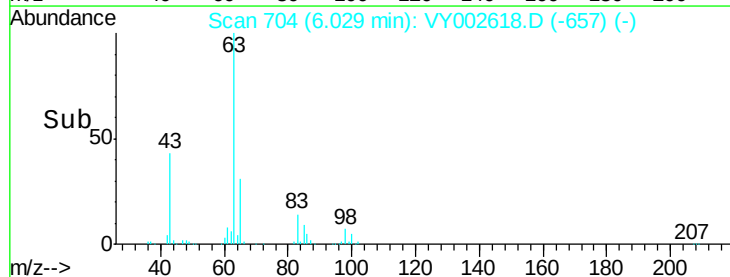
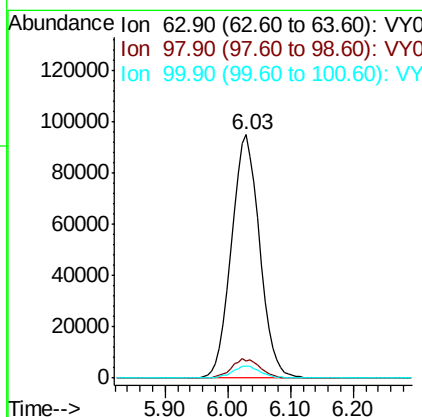
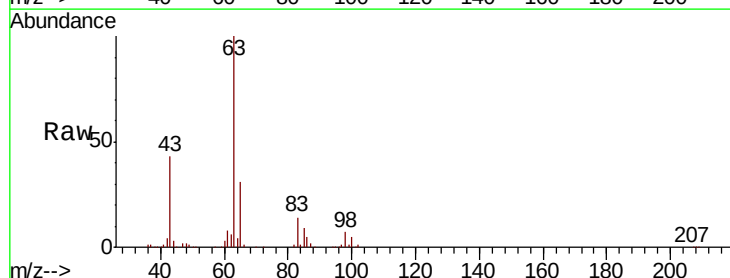
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

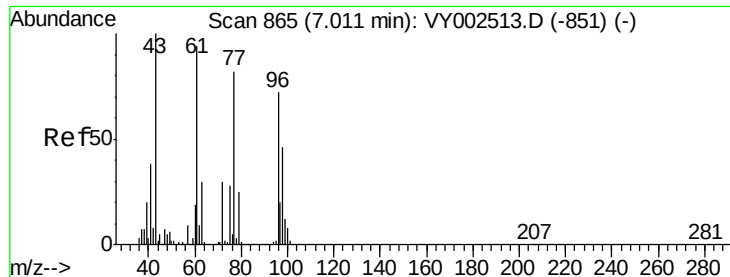
Tot Ion: 43 Resp: 1564609
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 53.433 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion: 63 Resp: 294638
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 5.1 2.4 7.2

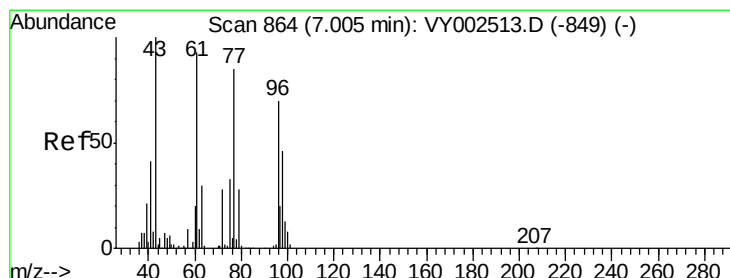
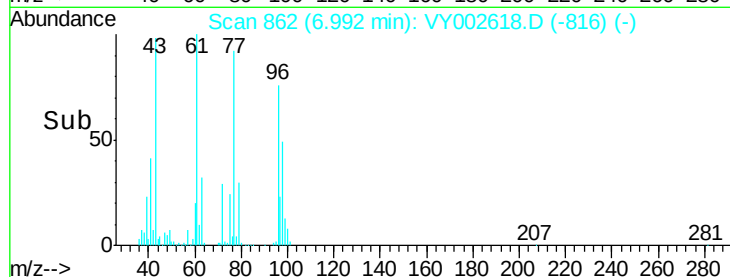
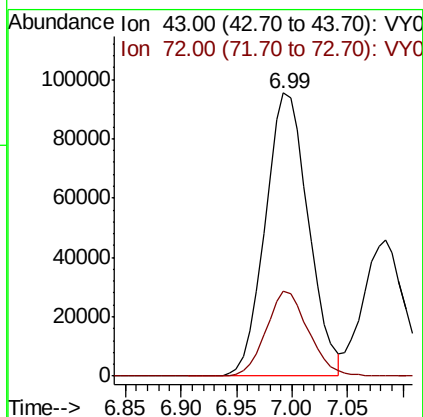
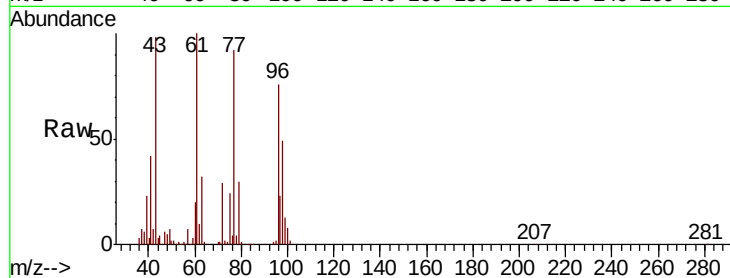




#25
2-Butanone
Concen: 246.571 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

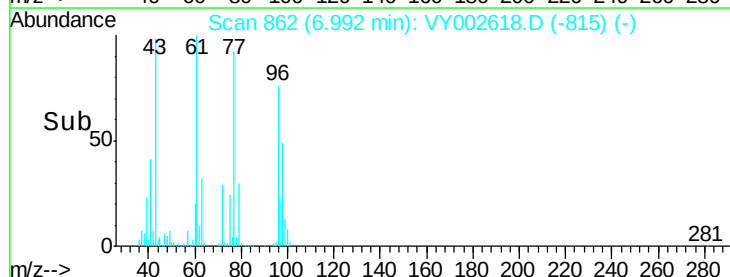
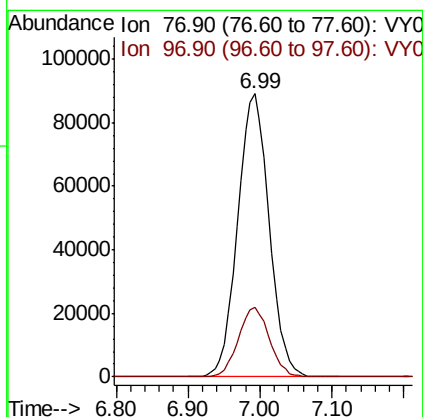
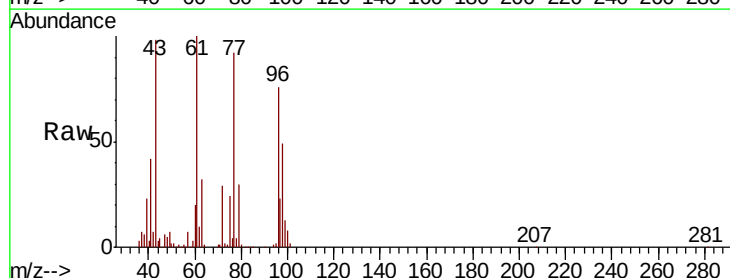
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

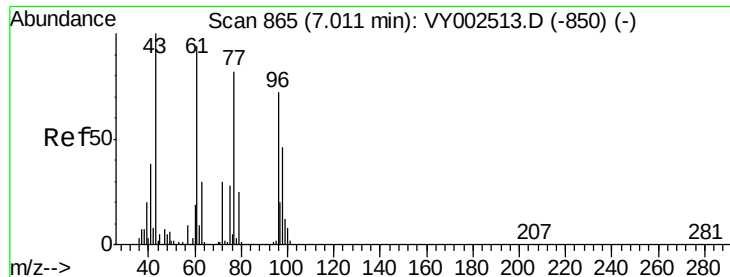
Tot Ion: 43 Resp: 257232
Ion Ratio Lower Upper
43 100
72 29.8 24.1 36.1



#26
2,2-Dichloropropane
Concen: 51.461 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 77 Resp: 269726
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5



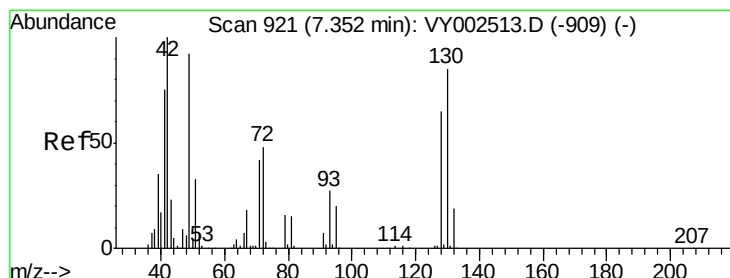
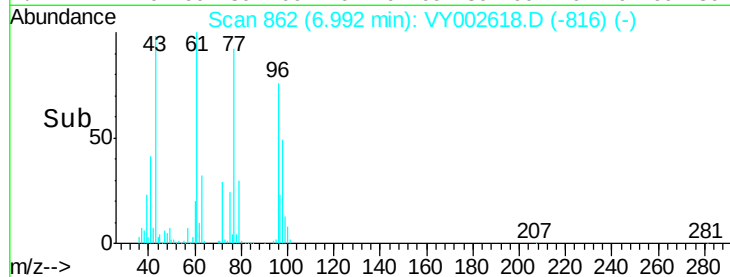
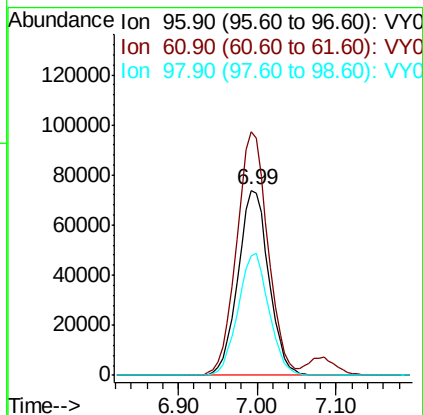
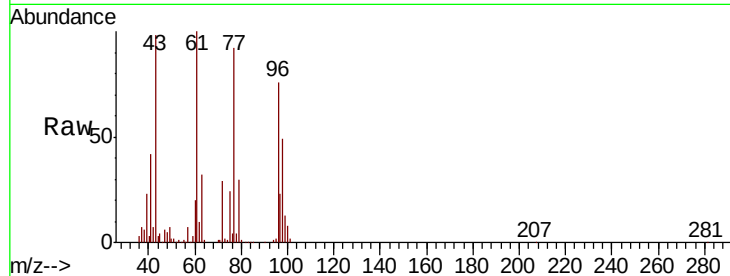


#27

cis-1,2-Dichloroethene
 Concen: 52.549 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

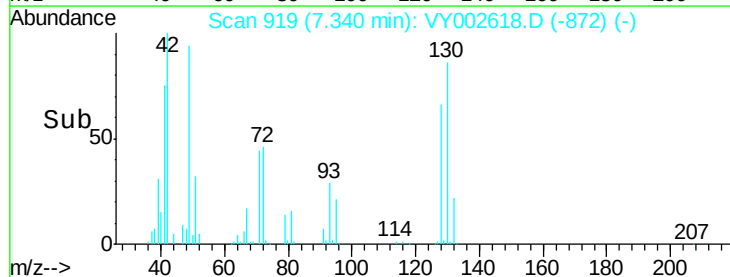
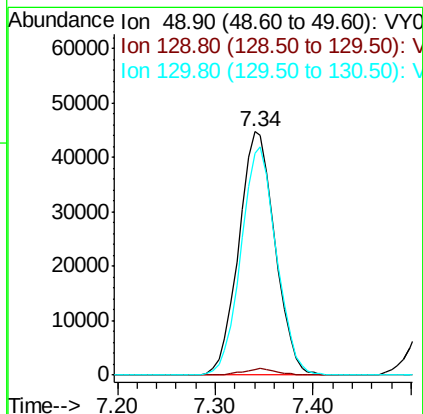
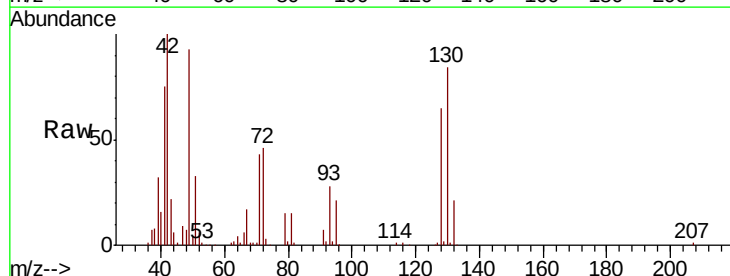
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	266.6
98	66.0	0.0	129.2

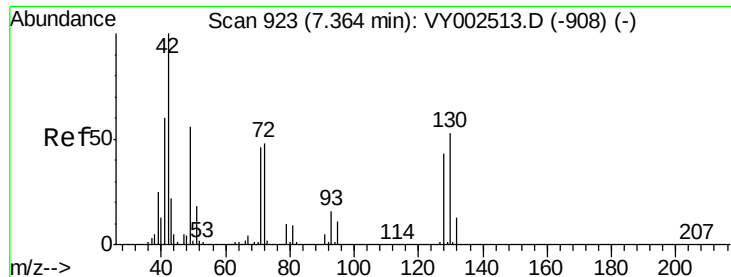


#28

Bromochloromethane
 Concen: 50.693 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	91.5	72.5	108.7





#29

Tetrahydrofuran

Concen: 262.428 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

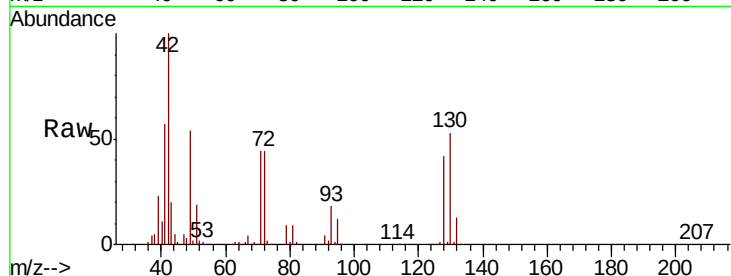
Tot Ion: 42 Resp: 181134

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.2

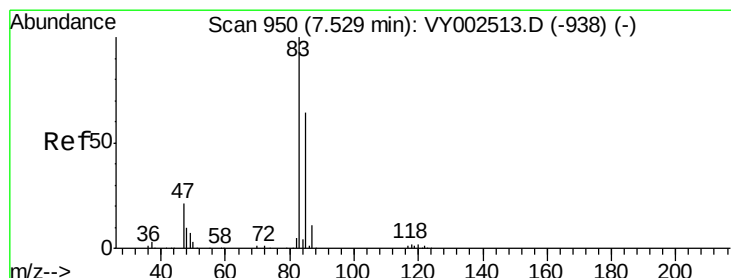
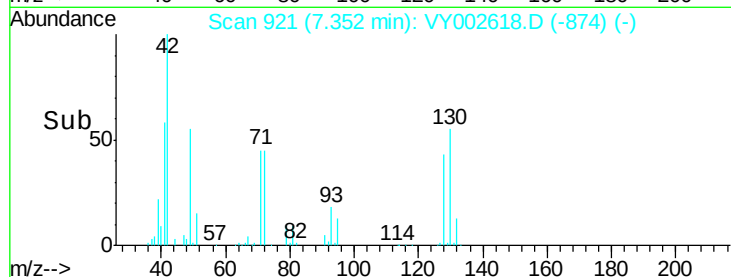
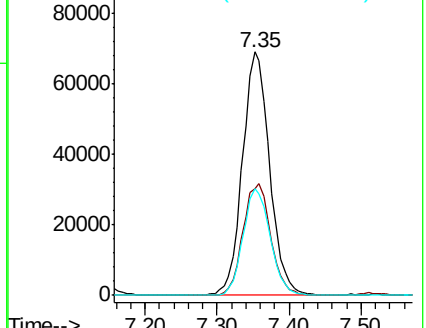
71 43.9 35.0 52.4



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: 52.153 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY002618.D

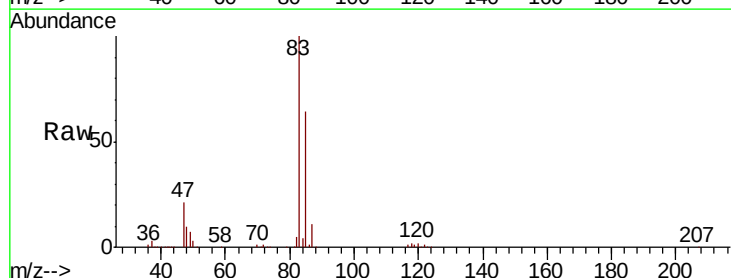
Acq: 07 May 2020 09:55

Tgt Ion: 83 Resp: 299018

Ion Ratio Lower Upper

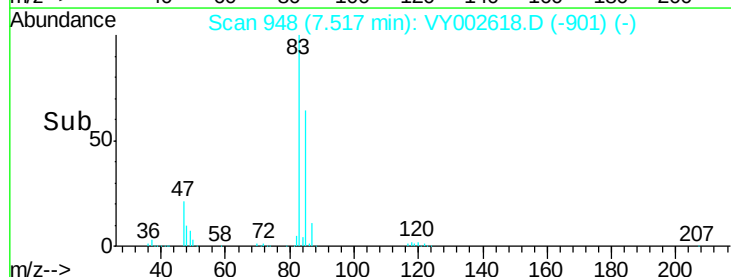
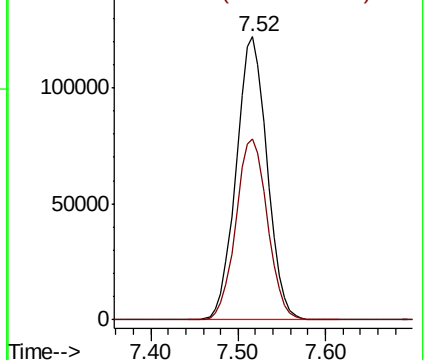
83 100

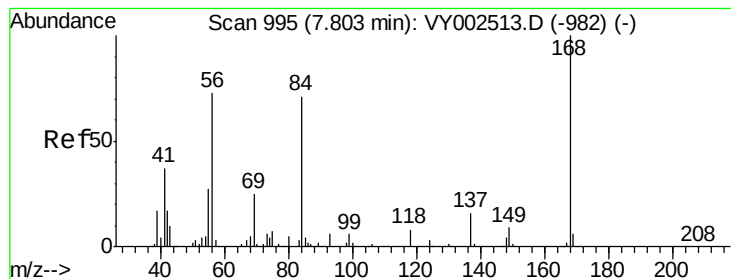
85 63.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 51.288 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

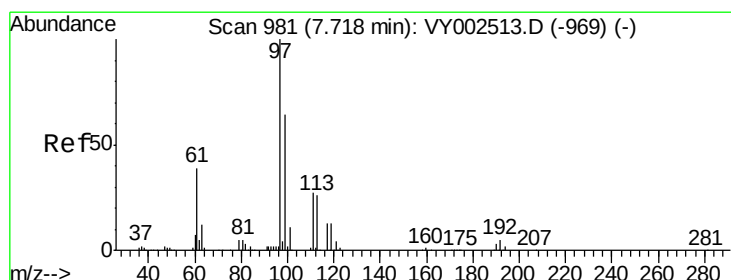
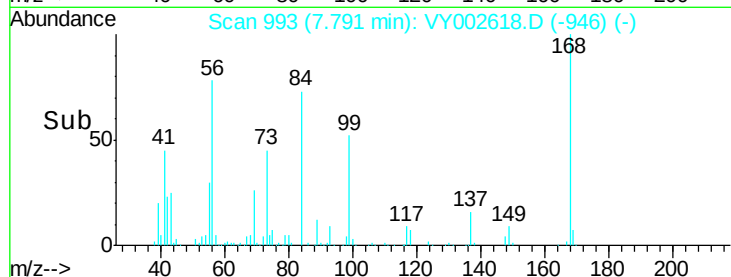
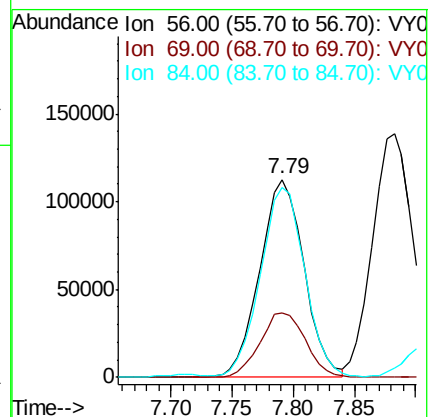
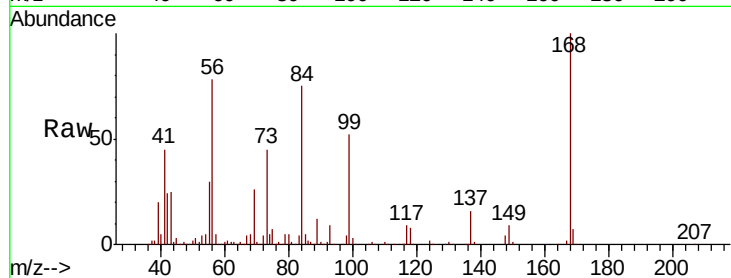
Tot Ion: 56 Resp: 284669

Ion Ratio Lower Upper

56 100

69 32.8 27.6 41.4

84 94.5 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 52.631 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

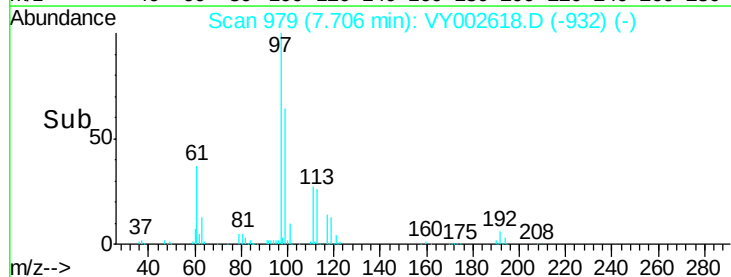
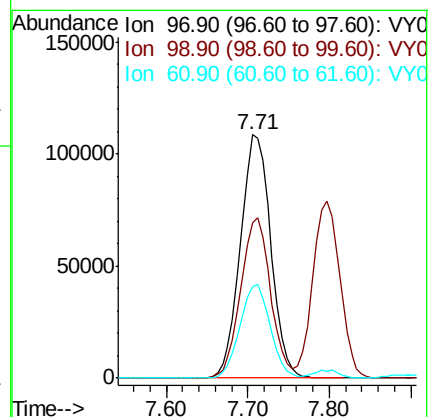
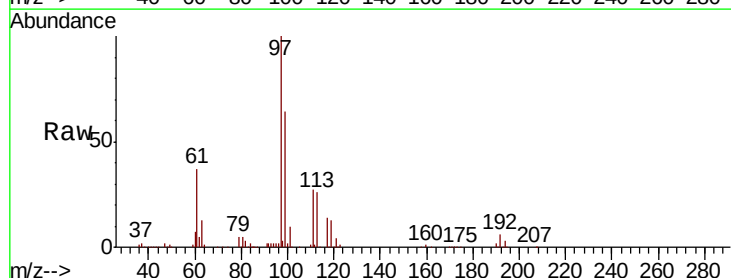
Tgt Ion: 97 Resp: 280474

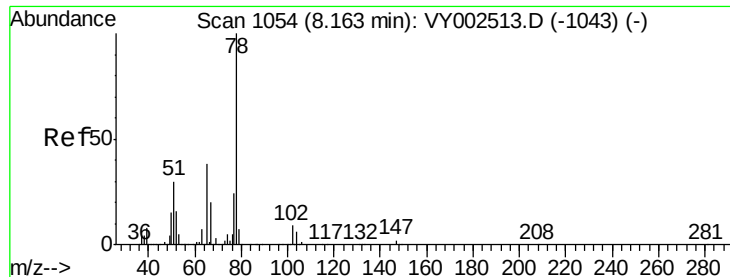
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 38.4 31.0 46.6

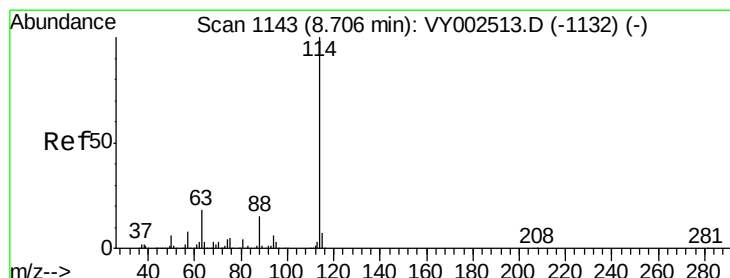
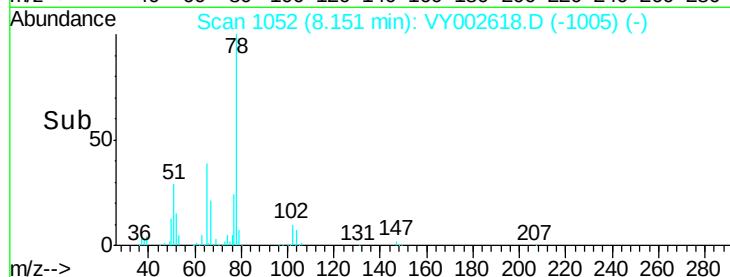
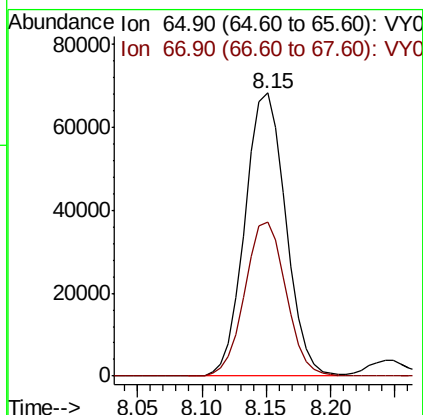
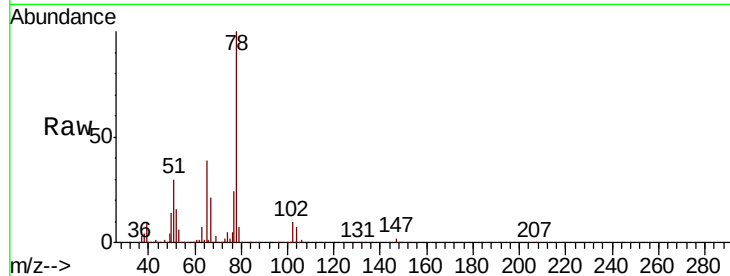




#33
 1,2-Dichloroethane-d4
 Concen: 48.480 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

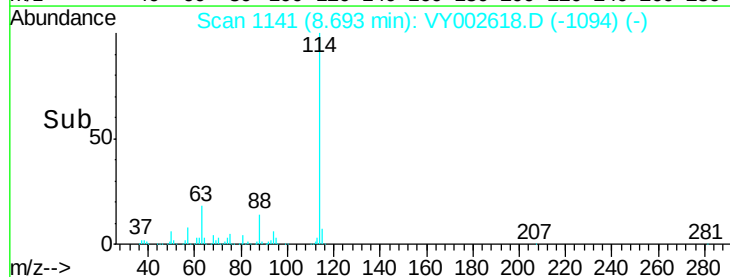
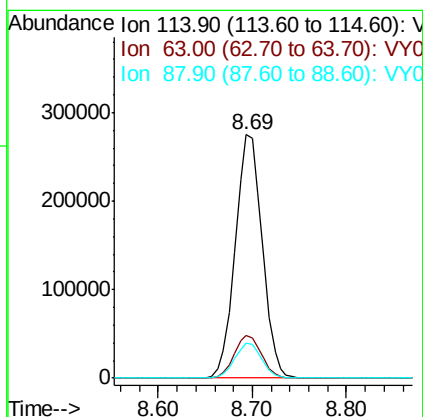
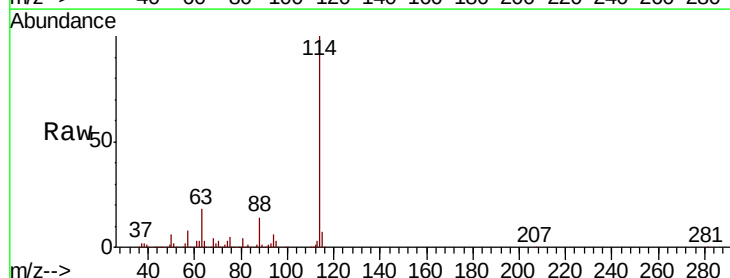
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

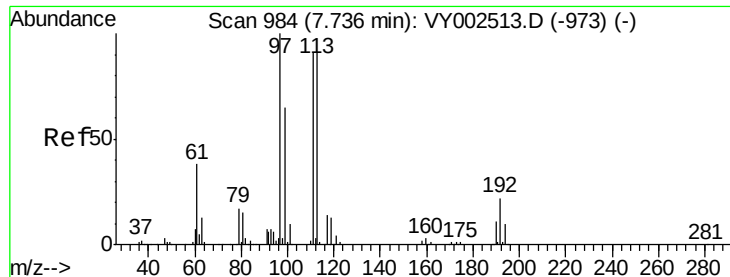
Tot Ion: 65 Resp: 149708
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion: 114 Resp: 545724
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.4
 88 14.4 0.0 29.6

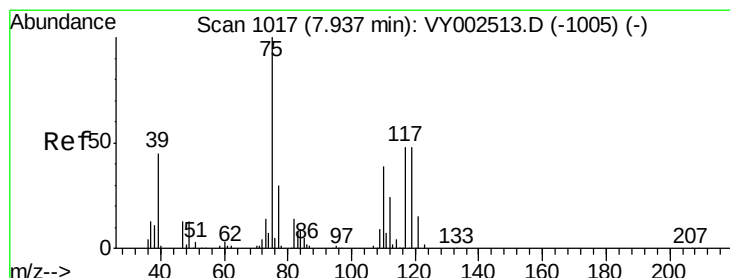
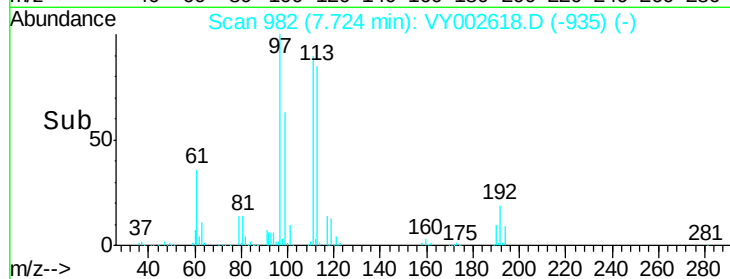
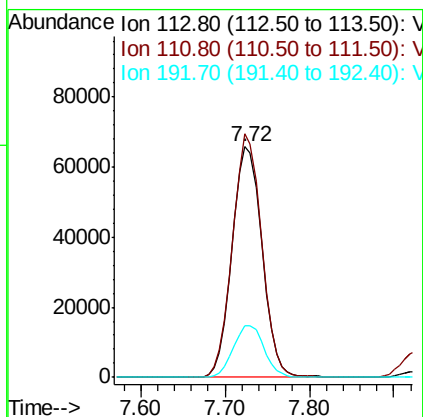
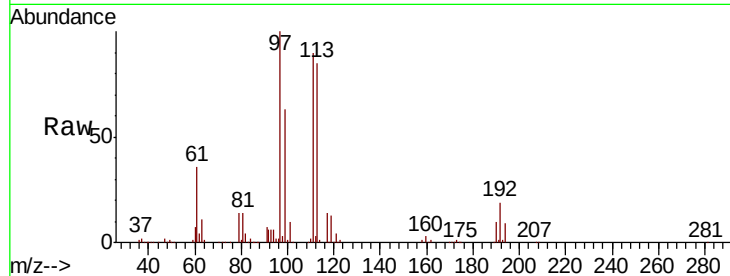




#35
 Dibromofluoromethane
 Concen: 50.796 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

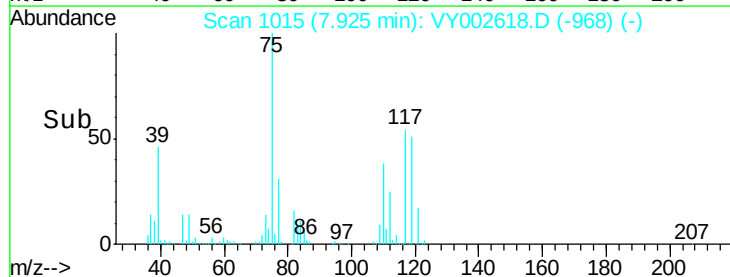
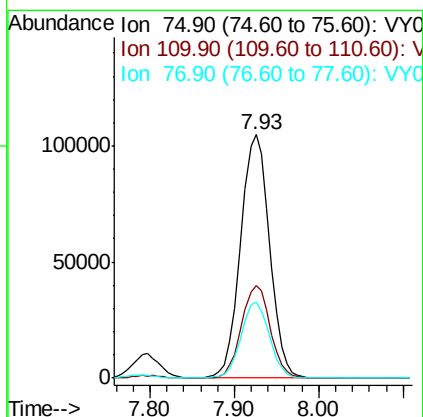
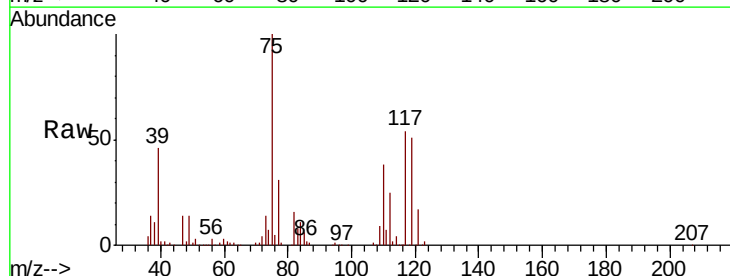
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

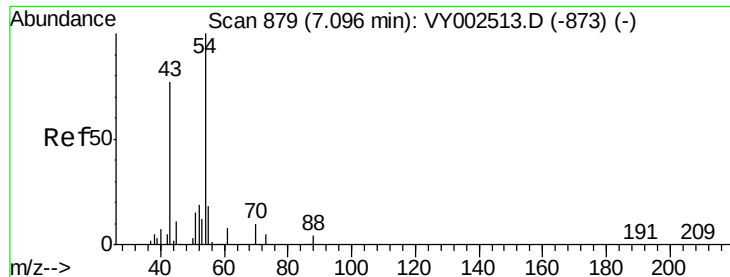
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	23.0	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 53.303 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.1	57.3
77	30.6	24.6	37.0

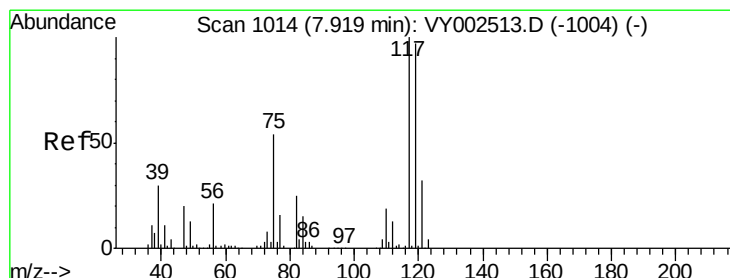
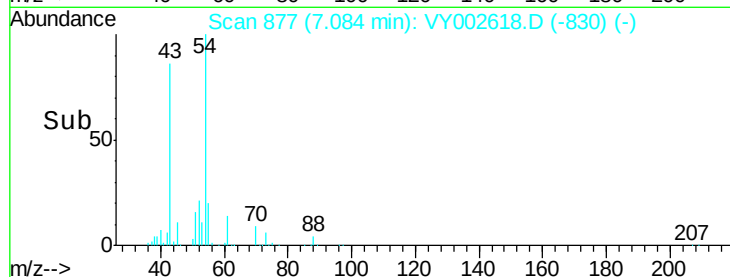
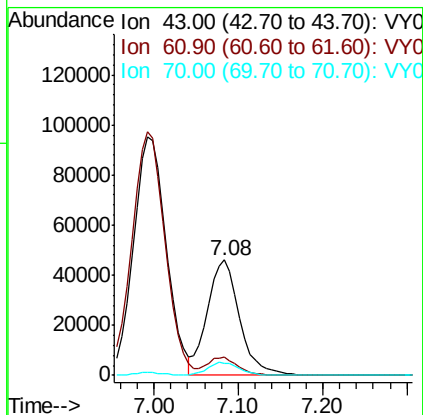
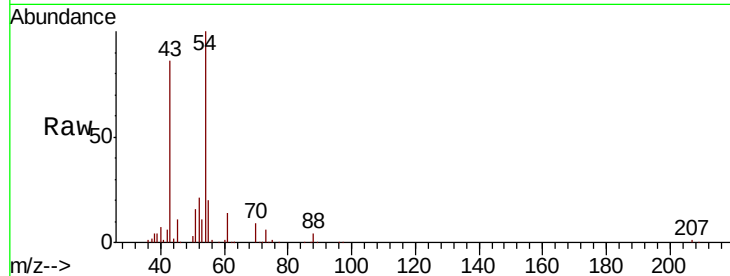




#37
Ethyl Acetate
Concen: 51.929 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

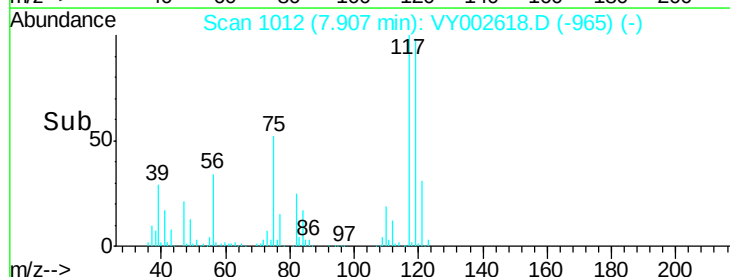
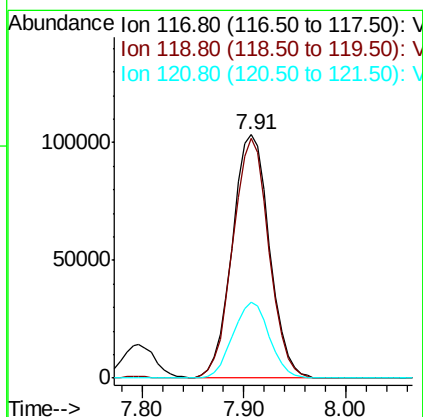
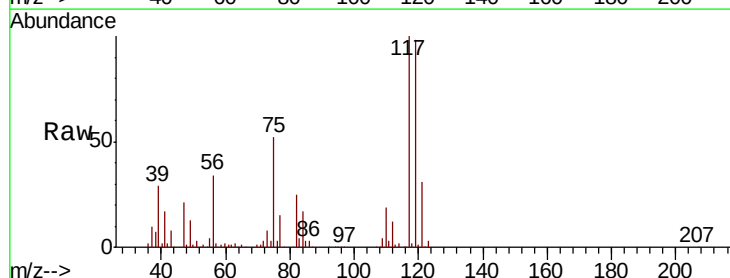
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

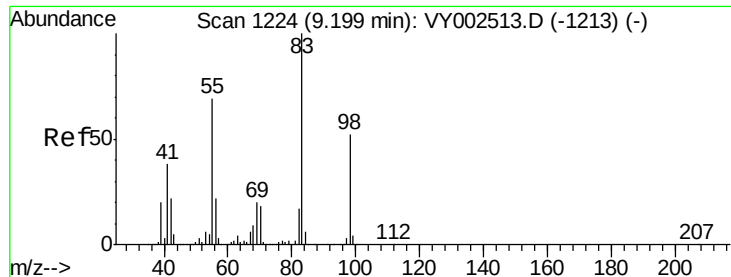
Tot Ion: 43 Resp: 122081
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 52.342 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 117 Resp: 261430
Ion Ratio Lower Upper
117 100
119 98.4 77.1 115.7
121 31.0 25.2 37.8

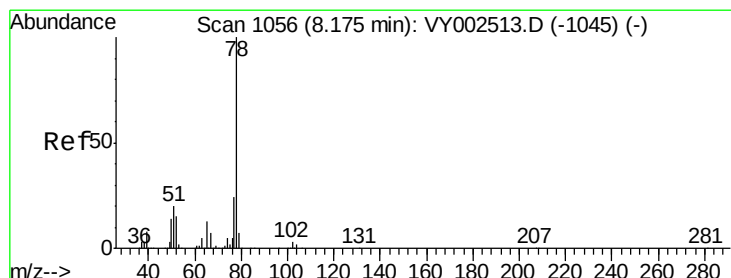
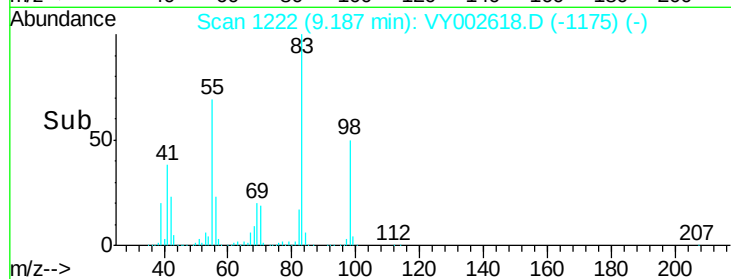
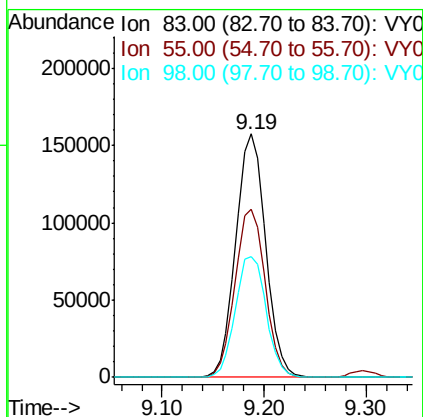
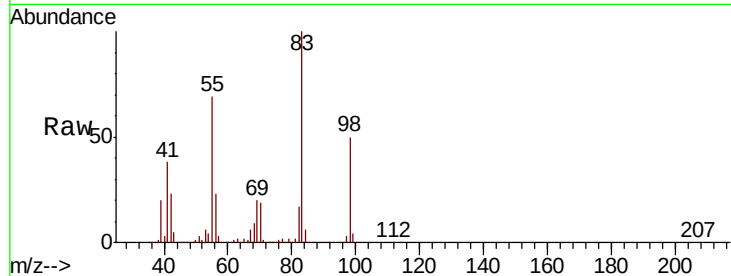




#39
Methylvlcyclohexane
Concen: 52.800 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

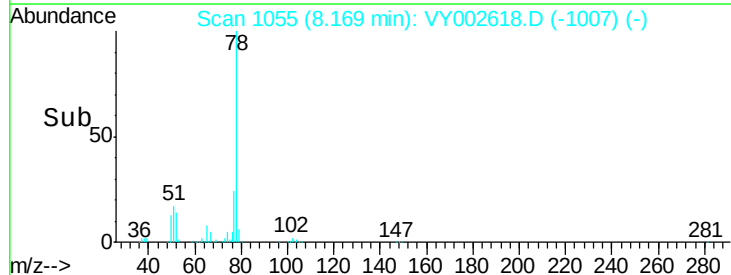
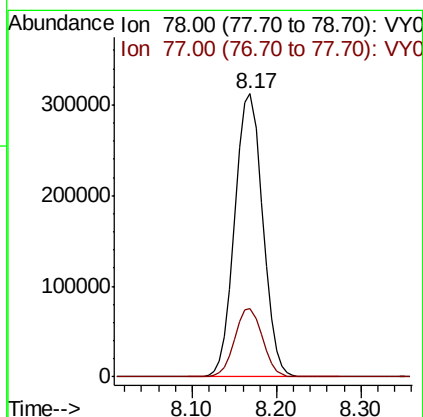
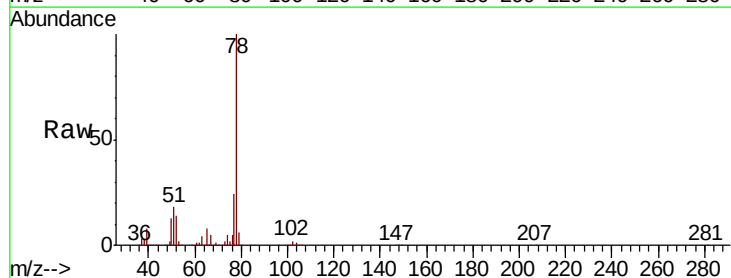
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

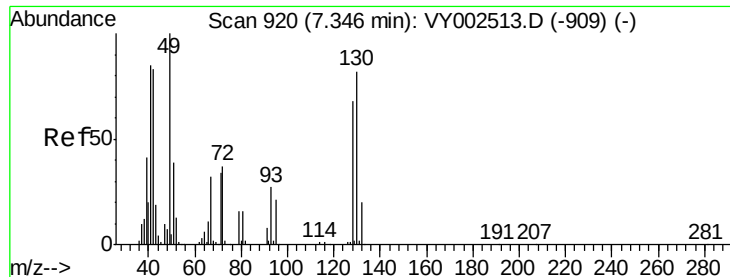
Tot Ion: 83 Resp: 319041
Ion Ratio Lower Upper
83 100
55 68.9 55.4 83.0
98 49.7 41.3 61.9



#40
Benzene
Concen: 53.018 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 78 Resp: 700532
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8

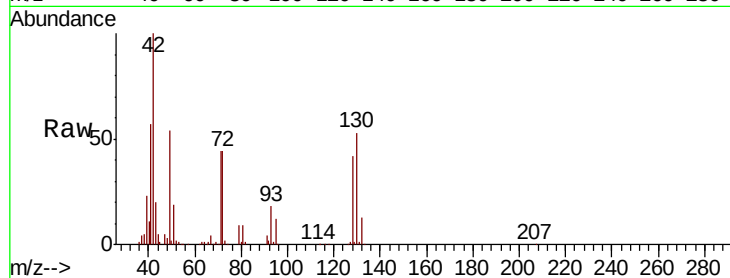




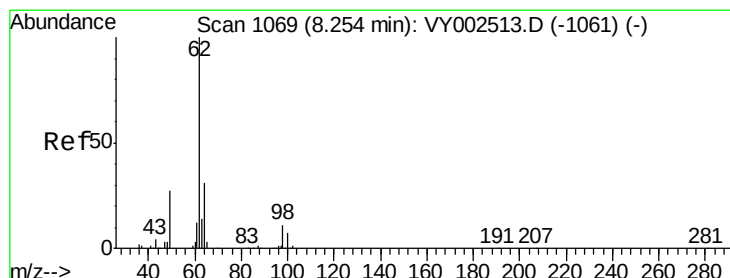
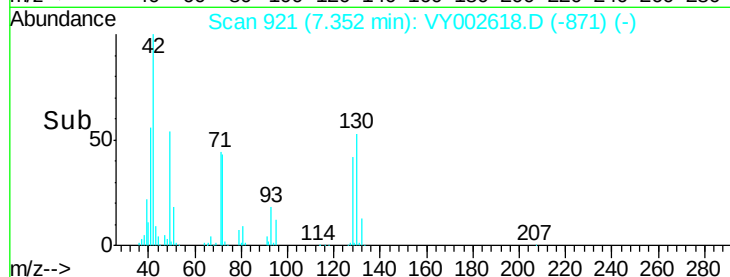
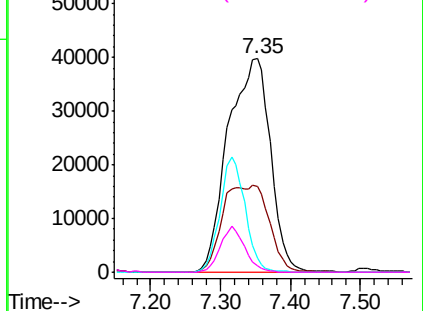
#41
Methacrylonitrile
Concen: 131.271 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	165928
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

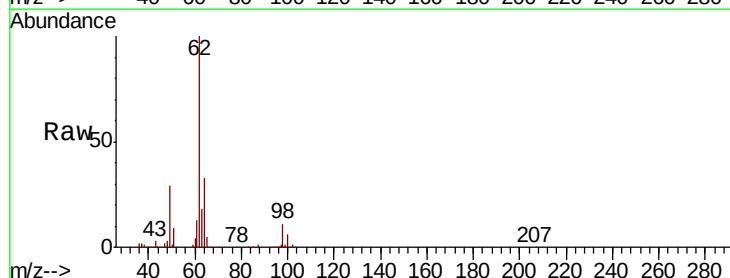


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

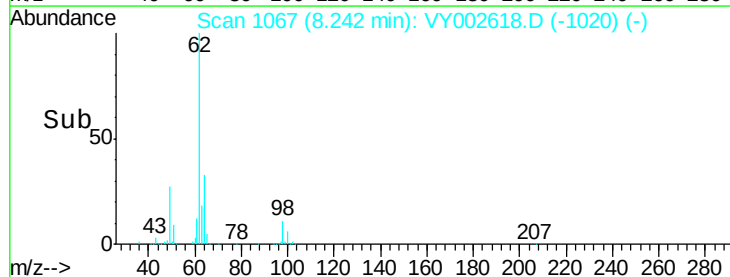
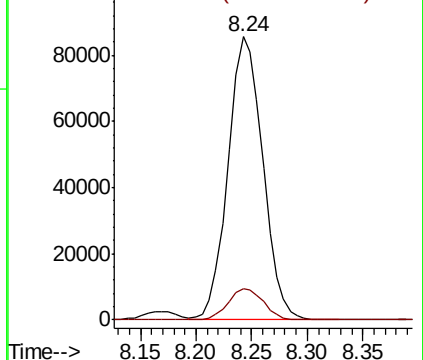


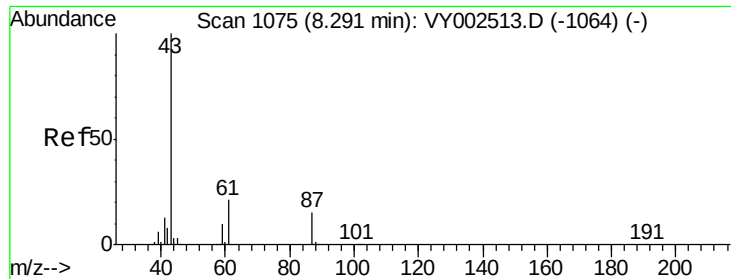
#42
1,2-Dichloroethane
Concen: 50.159 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion:	62	Resp:	185905
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 52.368 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

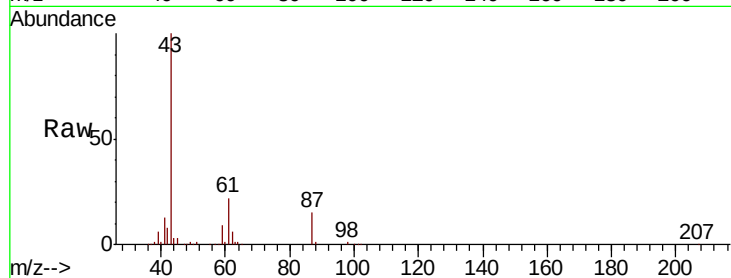
Tot Ion: 43 Resp: 230800

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

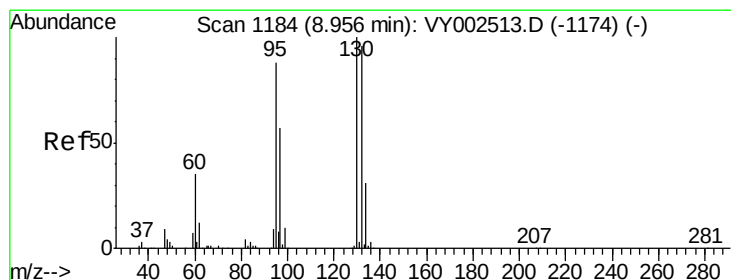
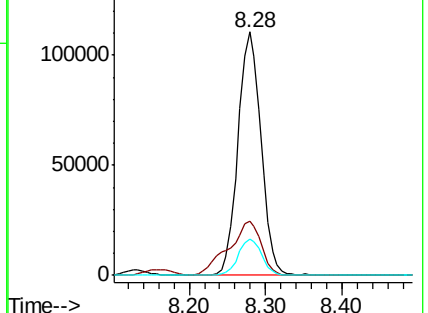
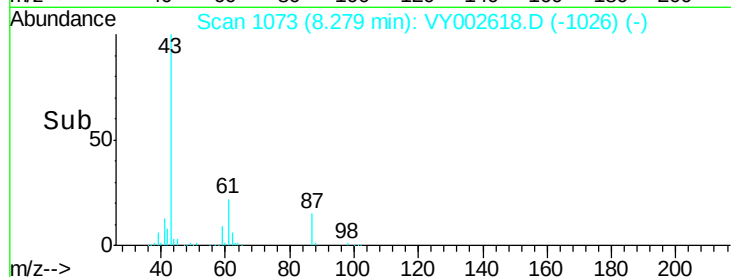
87 15.1 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VY002618.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002618.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002618.D (-1073) (-)



#44

Trichloroethene

Concen: 53.969 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY002618.D

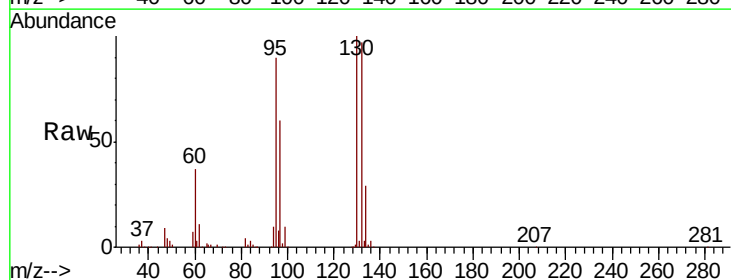
Acq: 07 May 2020 09:55

Tgt Ion:130 Resp: 222855

Ion Ratio Lower Upper

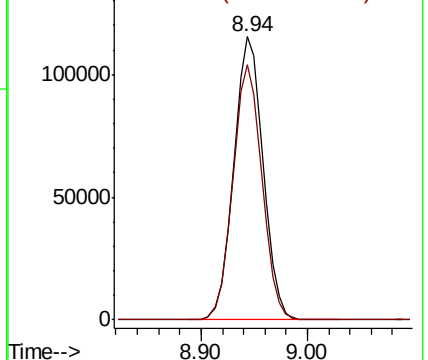
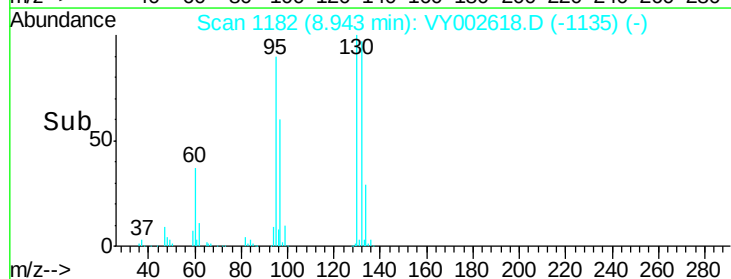
130 100

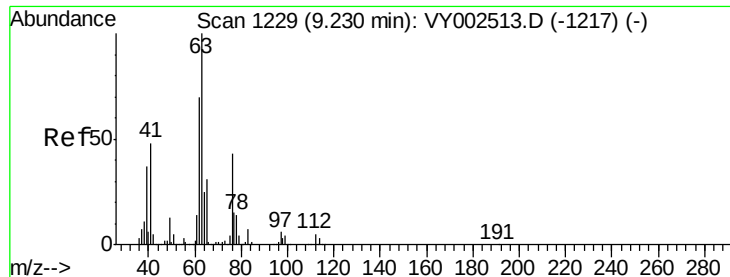
95 90.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): VY002618.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002618.D (-1182) (-)





#45

1,2-Dichloropropane

Concen: 52.796 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

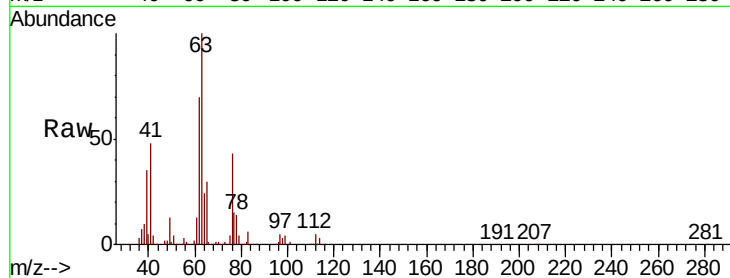
VSTDCCC050

Tot Ion: 63 Resp: 168363

Ion Ratio Lower Upper

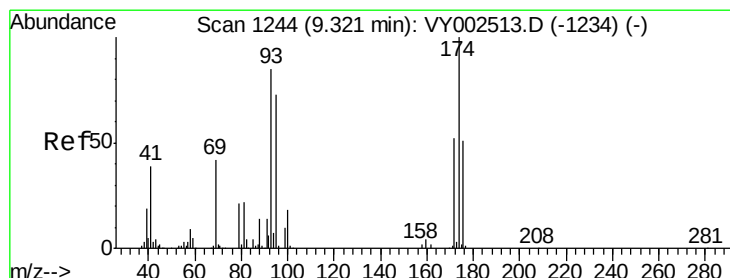
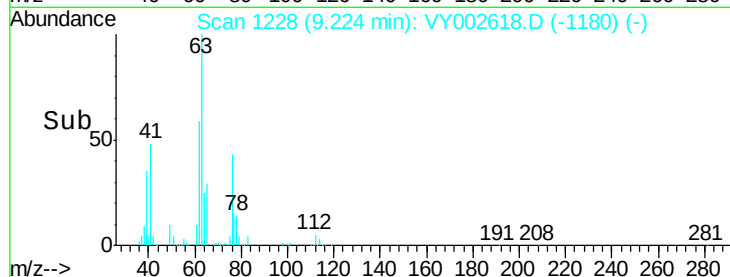
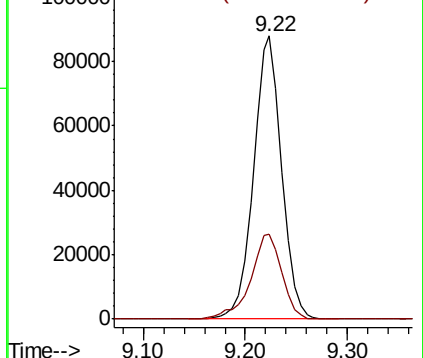
63 100

65 30.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.766 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

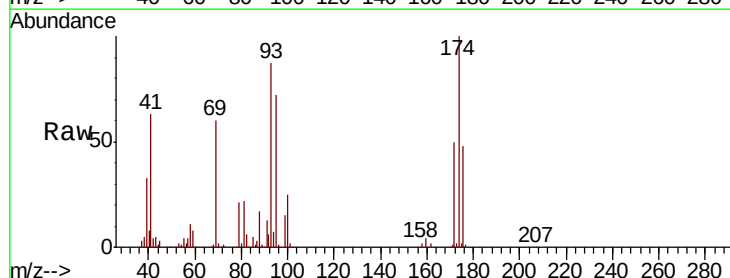
Tgt Ion: 93 Resp: 94980

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.4

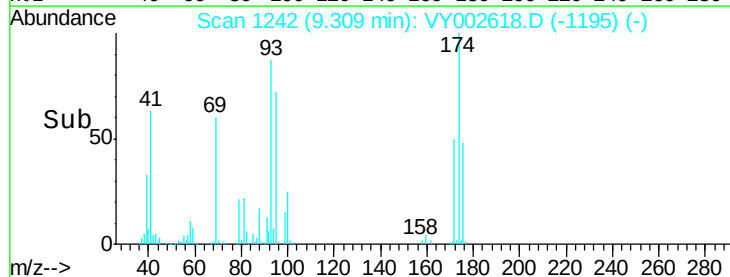
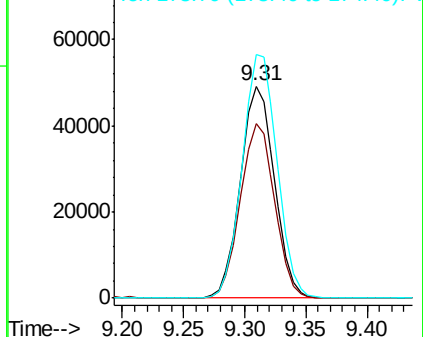
174 118.0 92.7 139.1

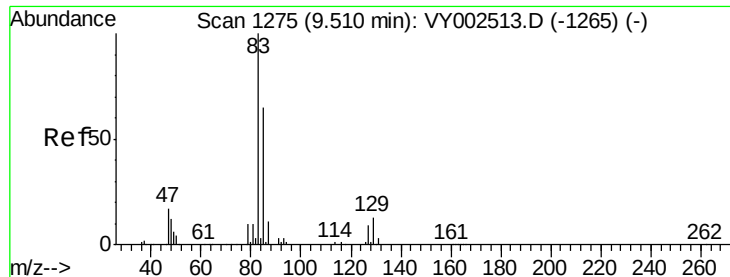


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.365 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

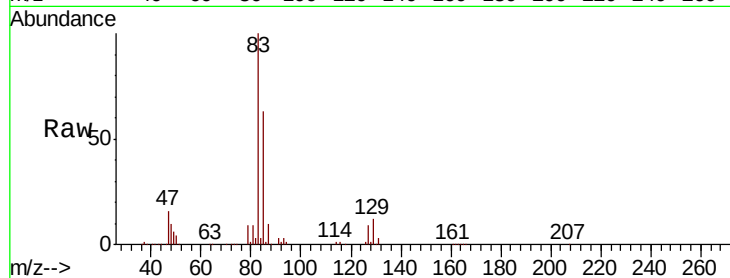
Tot Ion: 83 Resp: 233617

Ion Ratio Lower Upper

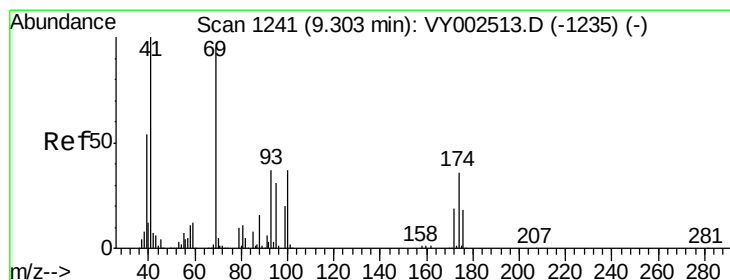
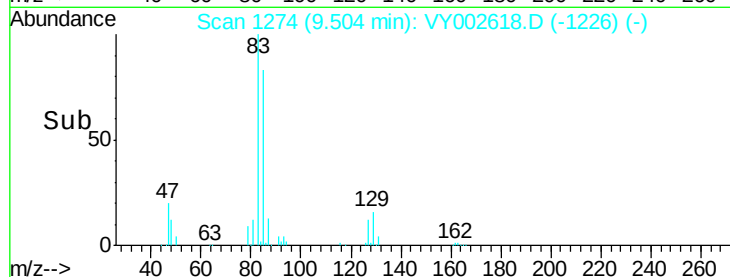
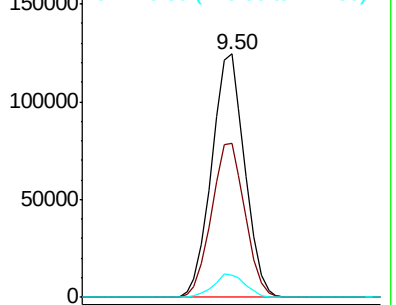
83 100

85 63.4 51.8 77.8

127 9.3 7.4 11.0



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



#48

Methyl methacrylate

Concen: 52.118 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

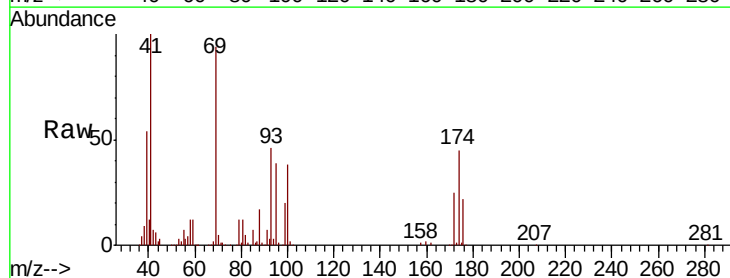
Tgt Ion: 41 Resp: 103955

Ion Ratio Lower Upper

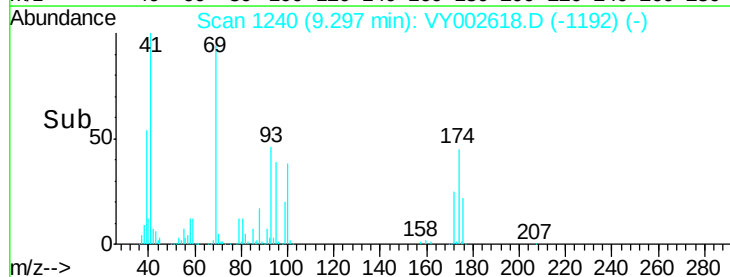
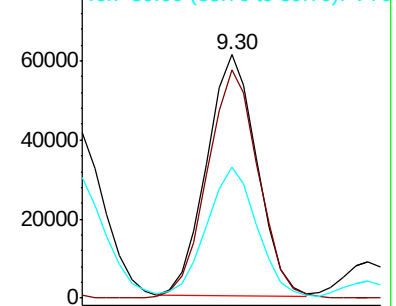
41 100

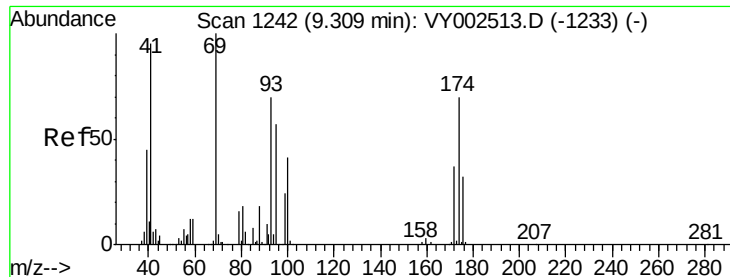
69 96.9 76.2 114.4

39 55.5 42.7 64.1



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

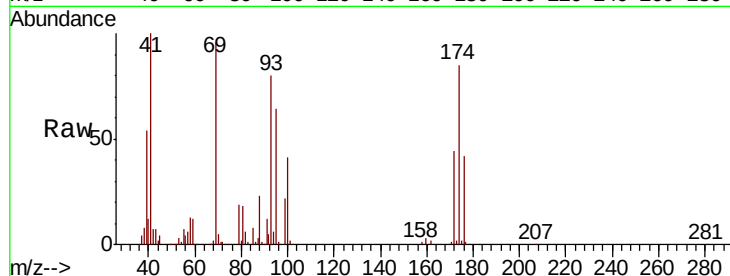




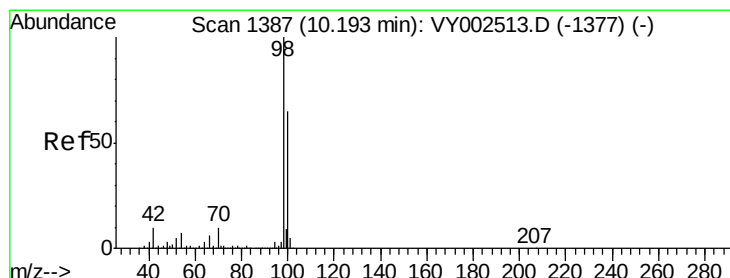
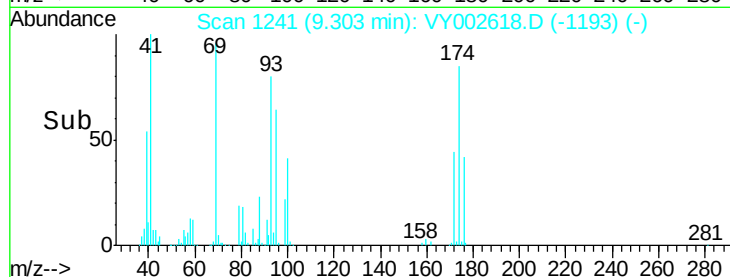
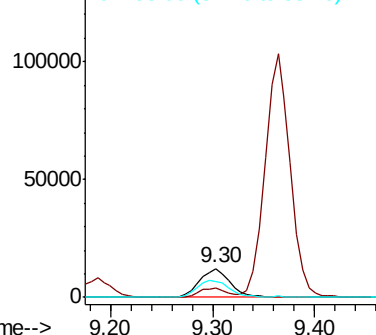
#49
1,4-Dioxane
Concen: 1032.842 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 25091
Ion Ratio Lower Upper
88 100
43 29.3 22.8 34.2
58 62.5 51.4 77.2

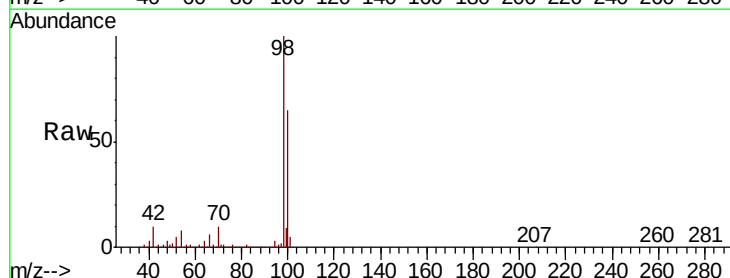


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

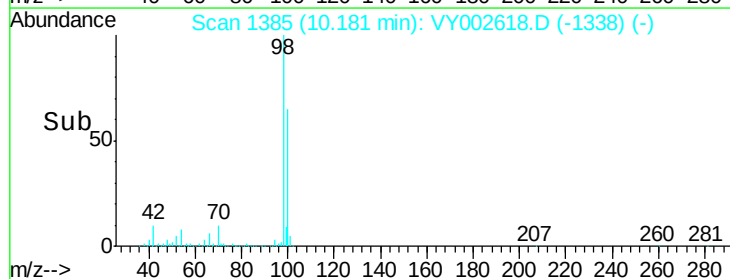
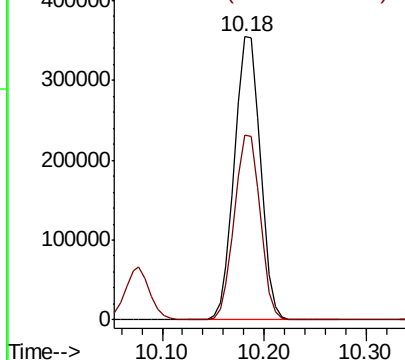


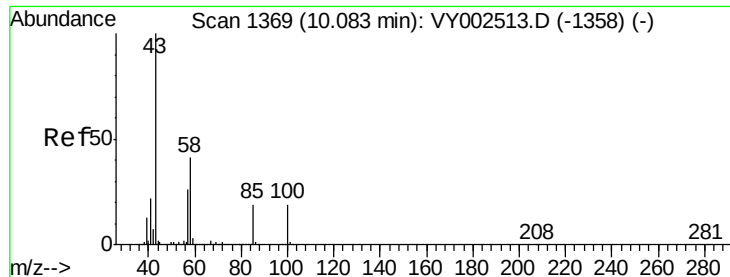
#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 98 Resp: 622769
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

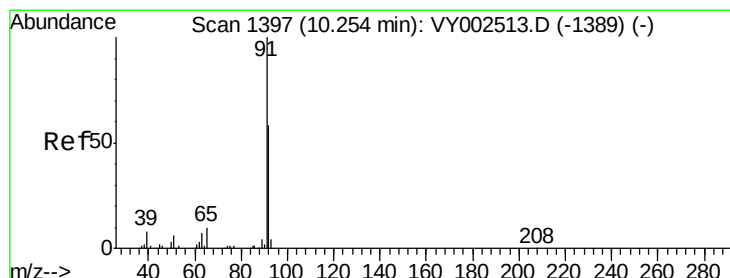
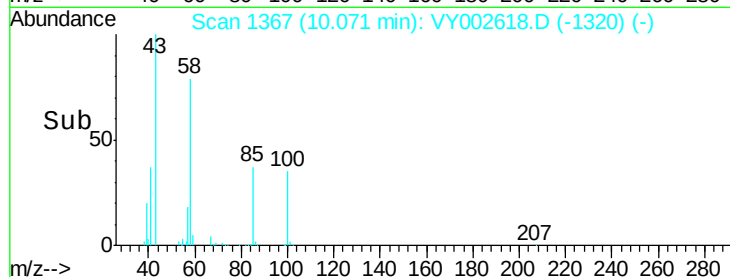
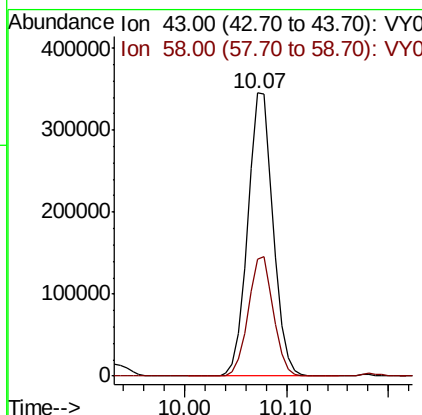
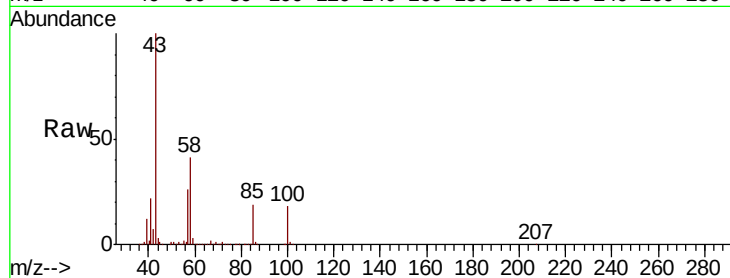




#51
 4-Methyl-2-Pentanone
 Concen: 263.894 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

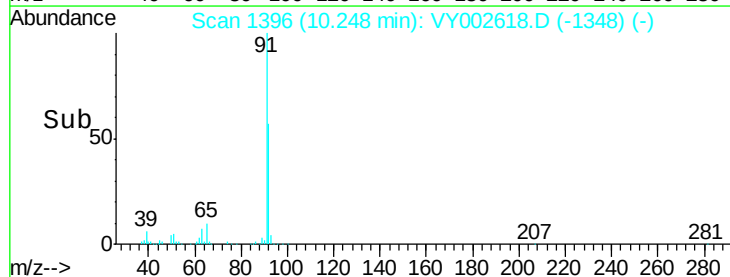
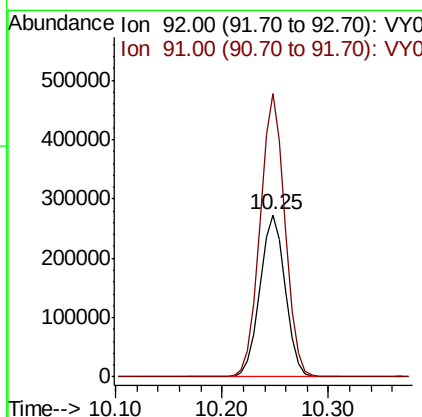
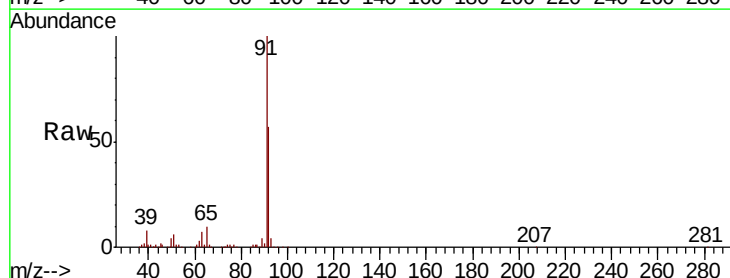
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

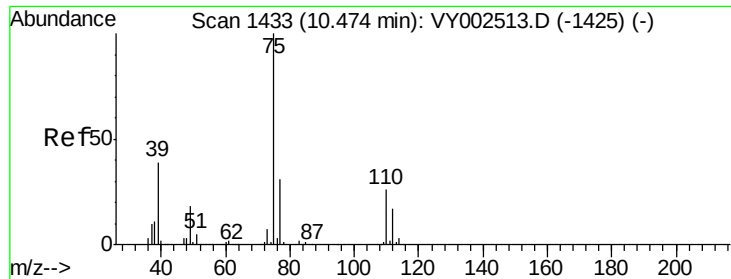
Tot Ion: 43 Resp: 599483
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.2 49.8



#52
 Toluene
 Concen: 53.446 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion: 92 Resp: 453854
 Ion Ratio Lower Upper
 92 100
 91 172.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 52.757 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

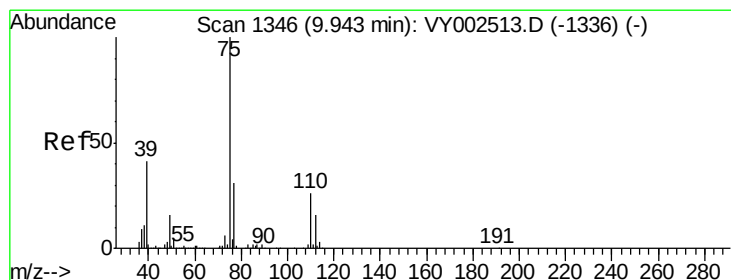
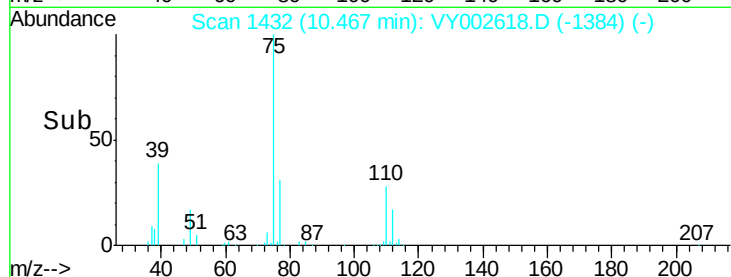
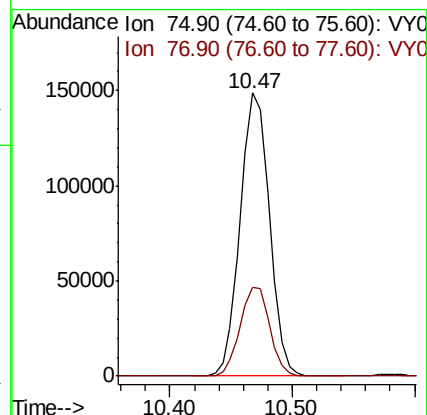
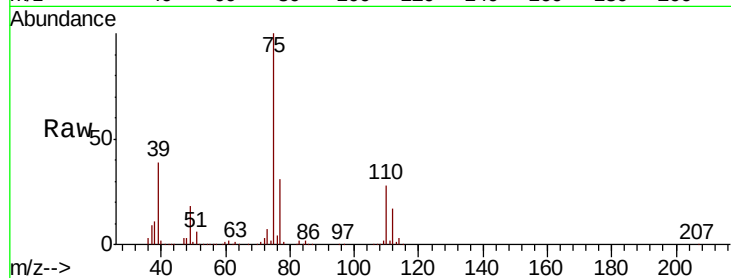
VSTDCCC050

Tot Ion: 75 Resp: 246605

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.767 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

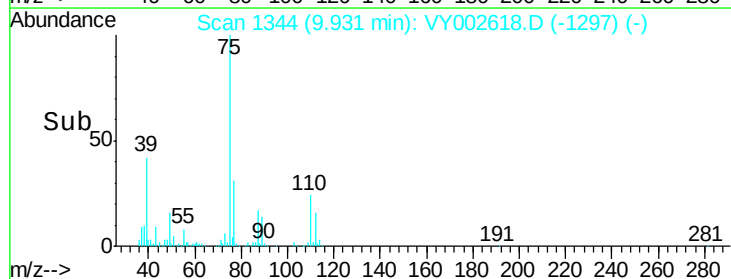
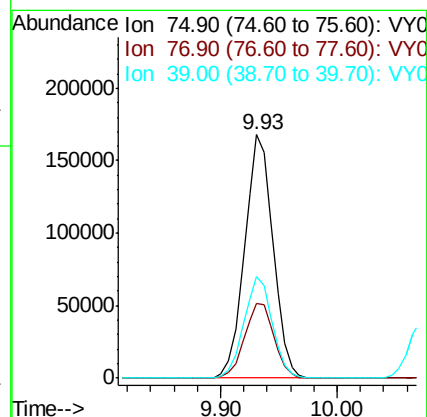
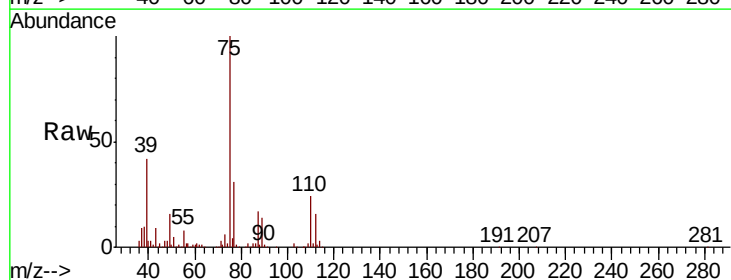
Tgt Ion: 75 Resp: 285142

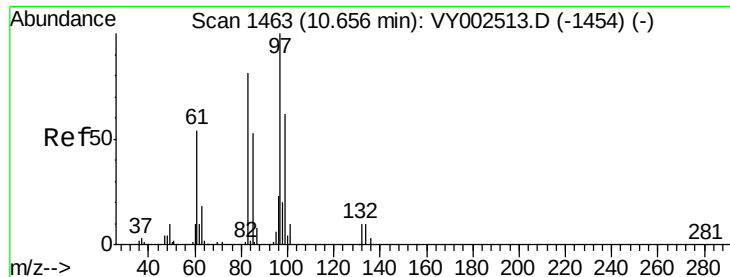
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 41.9 32.7 49.1



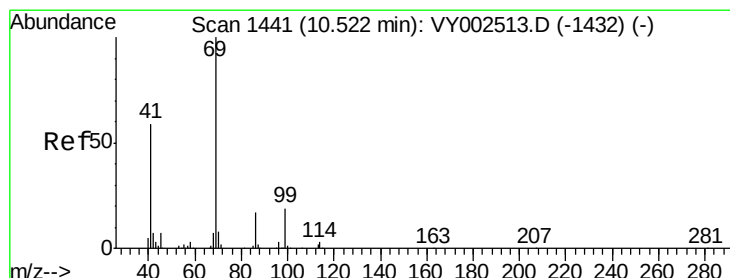
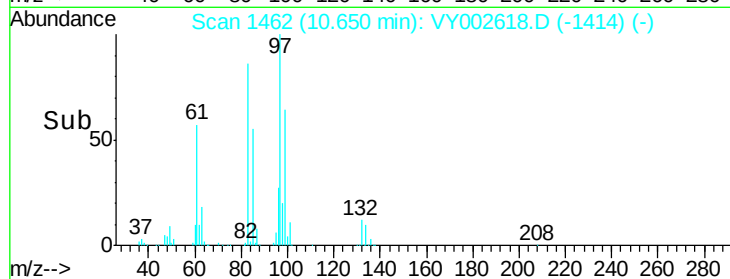
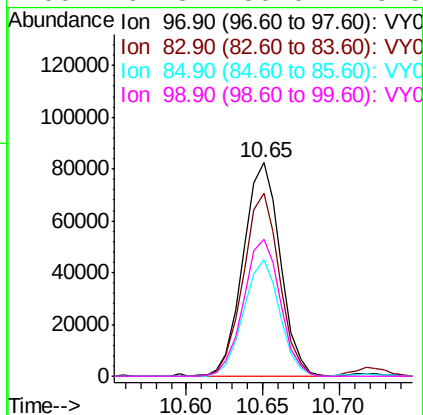
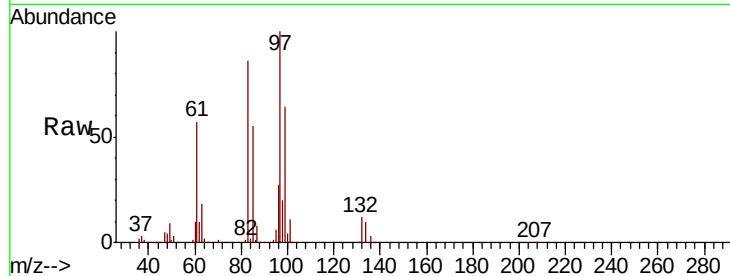


#55
 1,1,2-Trichloroethane
 Concen: 51.994 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 139118

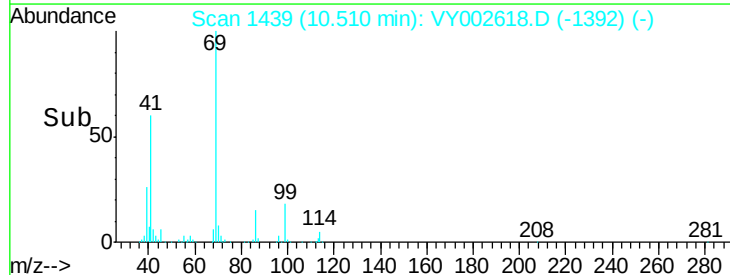
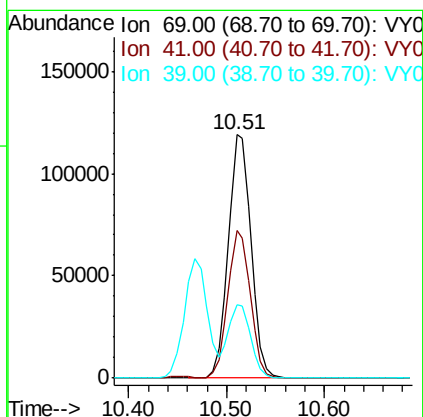
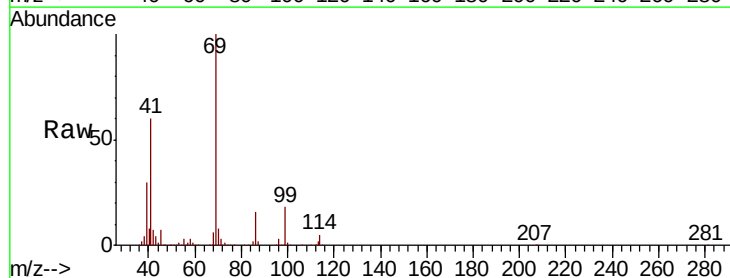
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	54.7	42.7	64.1
99	64.3	50.0	75.0

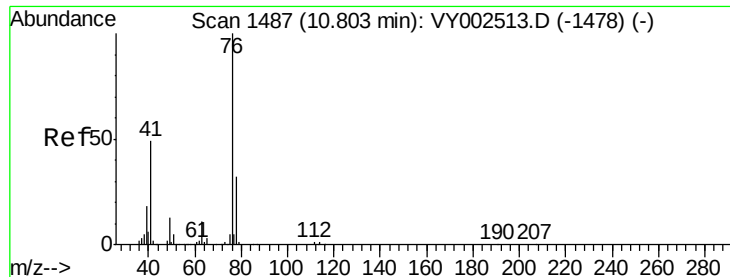


#56
 Ethyl methacrylate
 Concen: 53.945 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion: 69 Resp: 192014

Ion	Ratio	Lower	Upper
69	100		
41	59.8	48.6	73.0
39	30.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 52.100 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

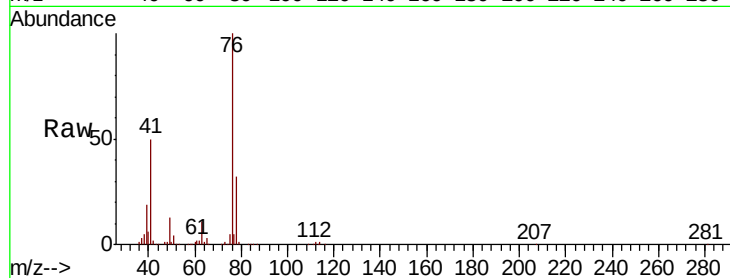
VSTDCCC050

Tot Ion: 76 Resp: 236401

Ion Ratio Lower Upper

76 100

78 32.6 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

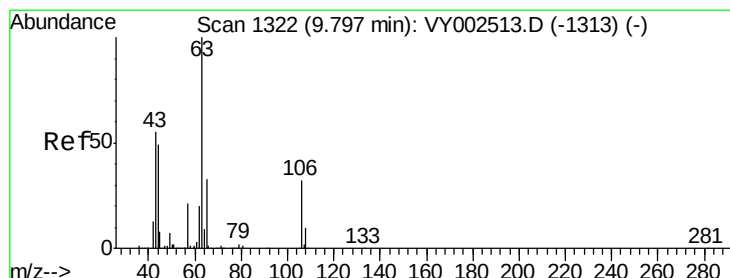
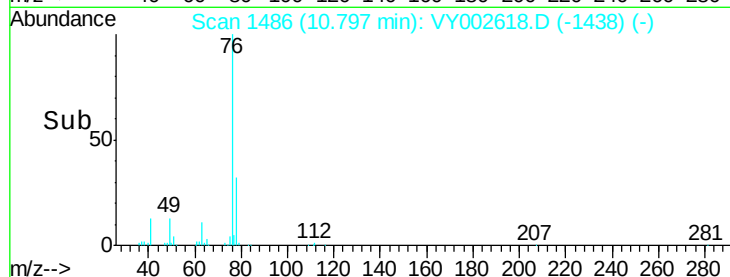
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 262.875 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY002618.D

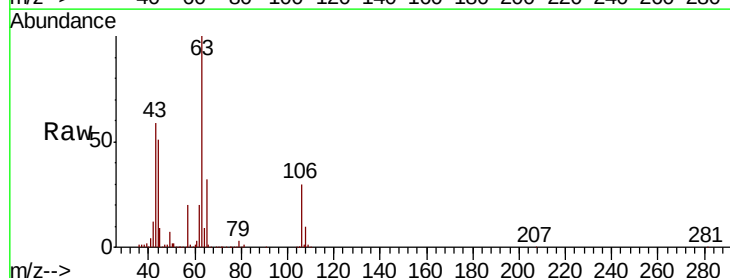
Acq: 07 May 2020 09:55

Tgt Ion: 63 Resp: 493434

Ion Ratio Lower Upper

63 100

106 30.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

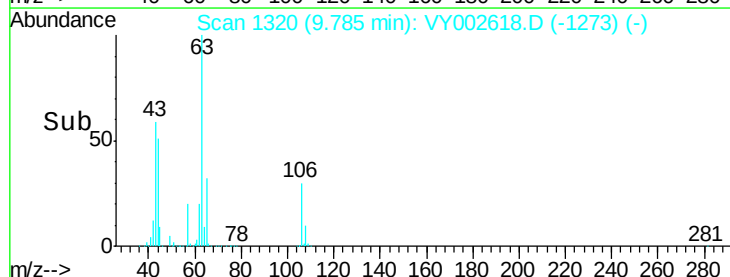
300000

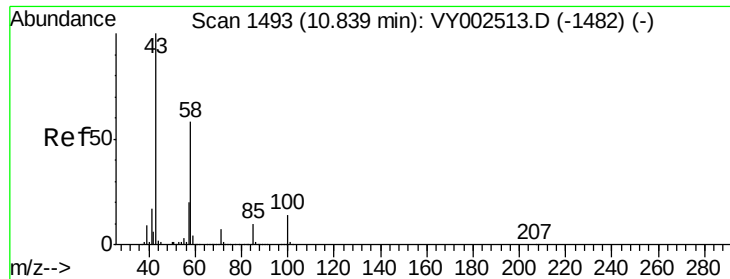
200000

100000

0

Time-->

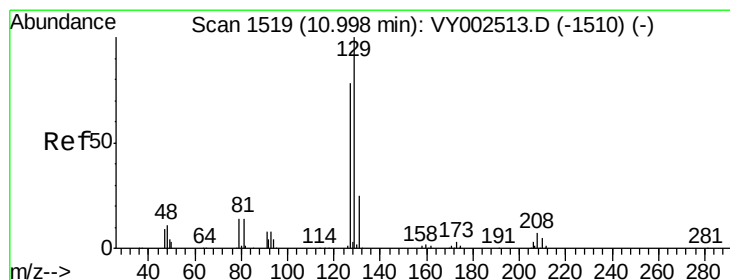
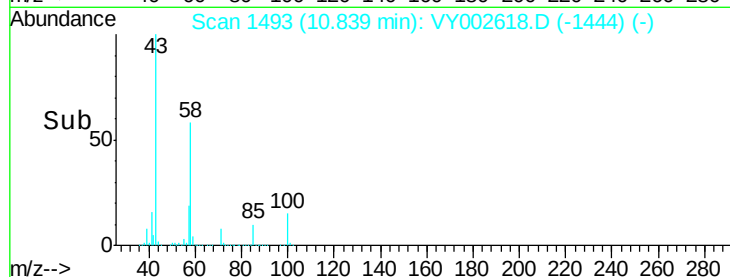
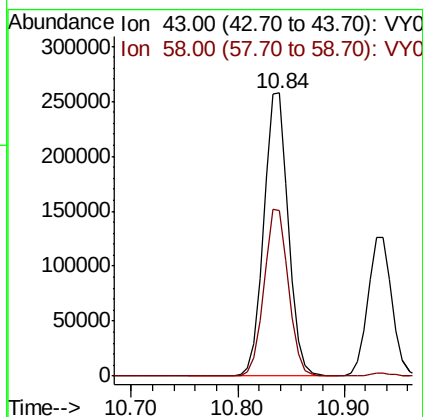
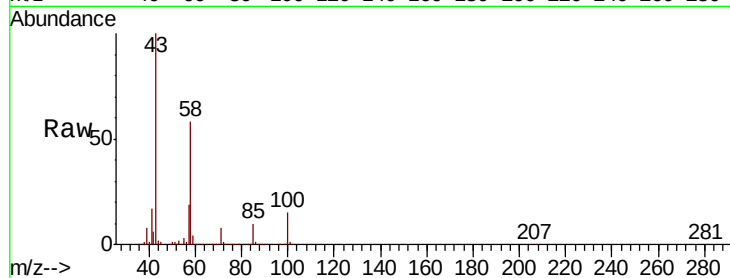




#59
2-Hexanone
Concen: 265.115 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

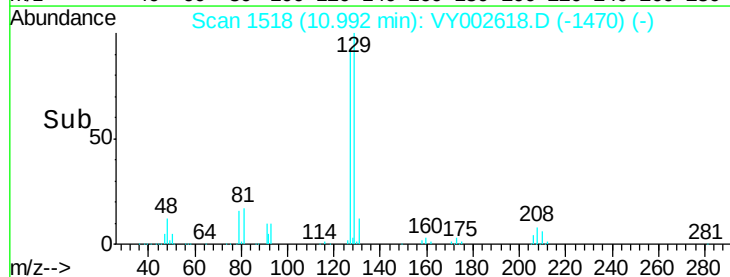
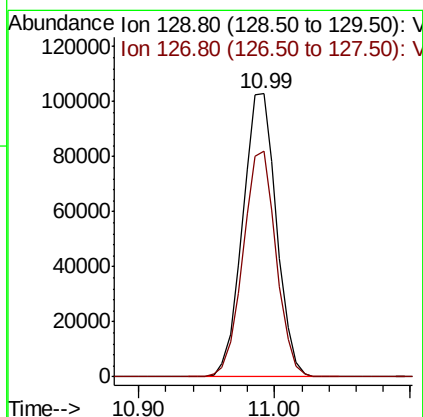
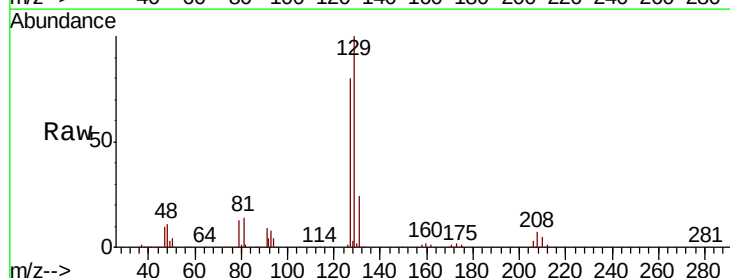
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

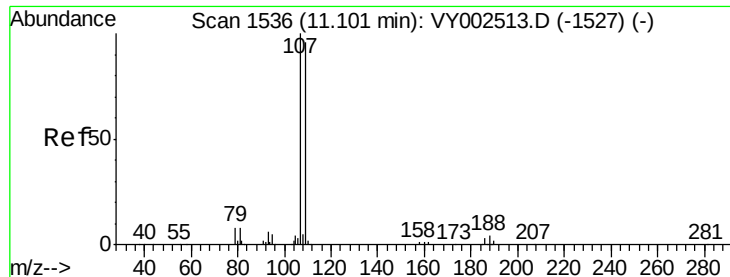
Tot Ion: 43 Resp: 414515
Ion Ratio Lower Upper
43 100
58 58.8 29.1 87.3



#60
Dibromochloromethane
Concen: 52.618 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 129 Resp: 179061
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0

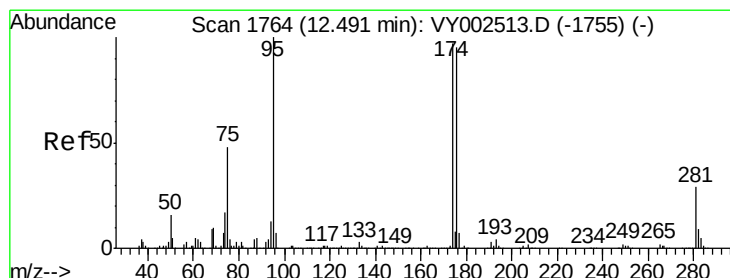
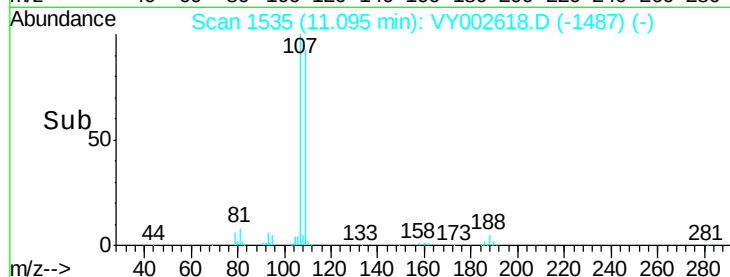
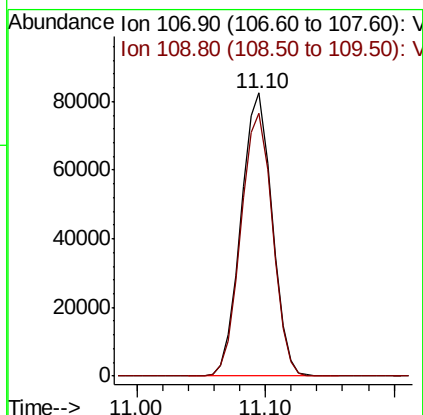
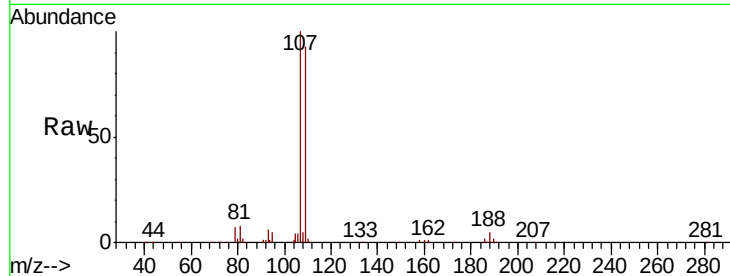




#61
 1,2-Dibromoethane
 Concen: 51.900 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

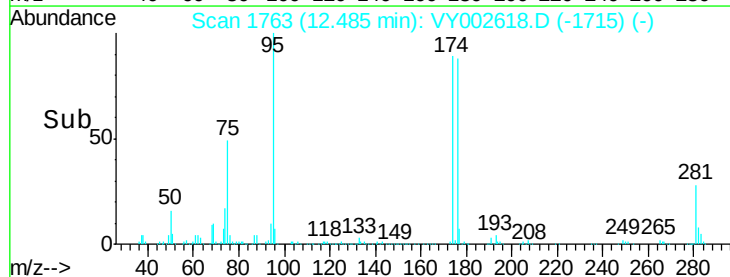
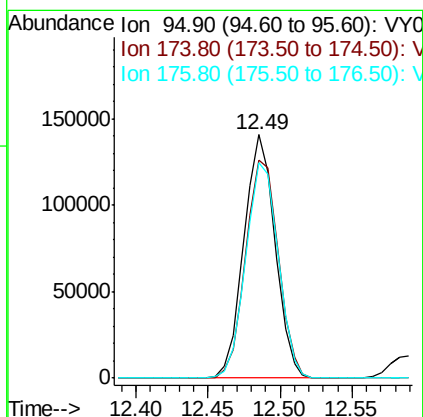
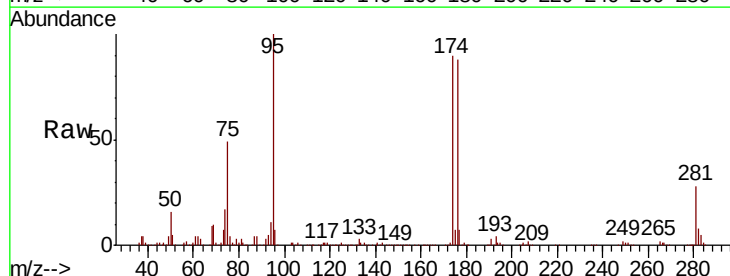
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

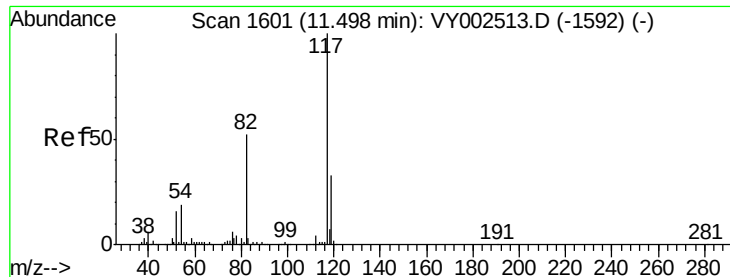
Tot Ion:107 Resp: 137501
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.058 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion: 95 Resp: 211159
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 188.8
 176 91.8 0.0 183.2

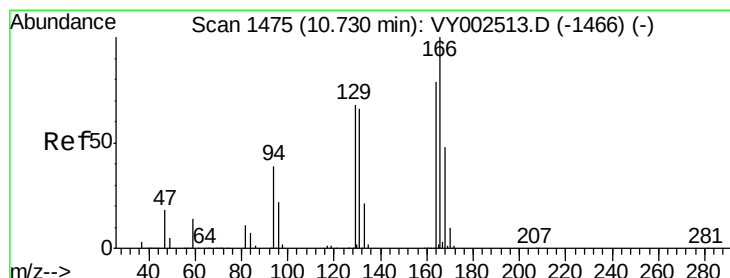
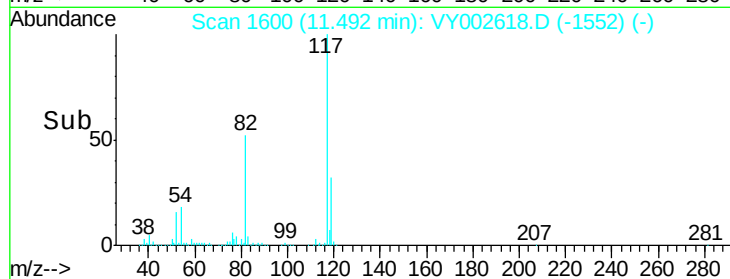
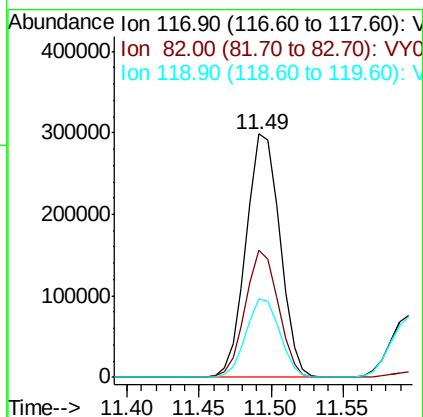
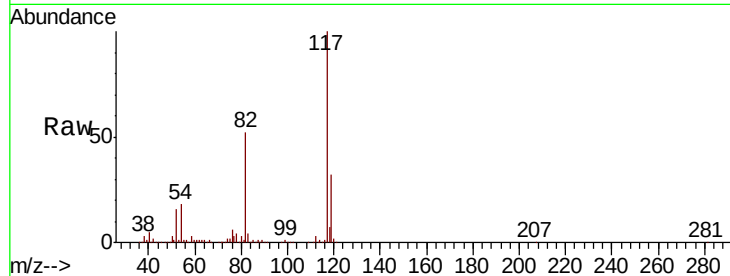




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

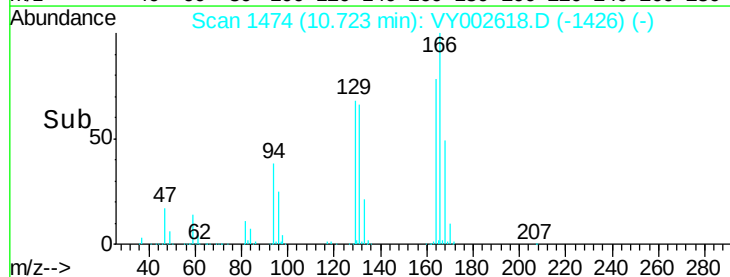
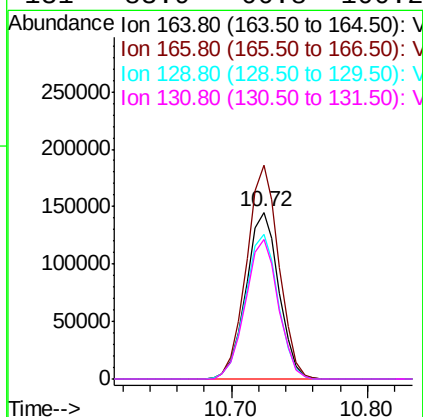
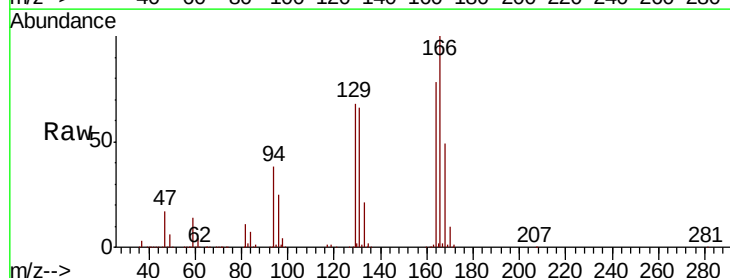
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

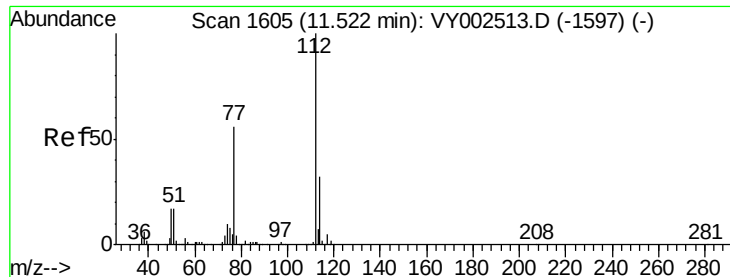
Tot Ion:117 Resp: 487412
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 56.324 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion:164 Resp: 243918
Ion Ratio Lower Upper
164 100
166 128.0 100.7 151.1
129 86.6 68.3 102.5
131 83.9 66.8 100.2

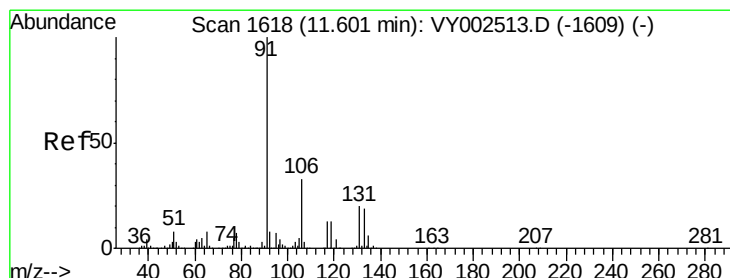
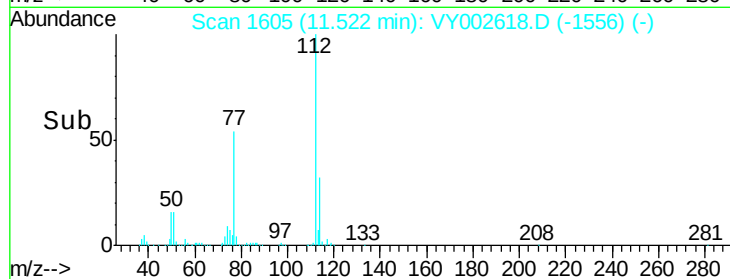
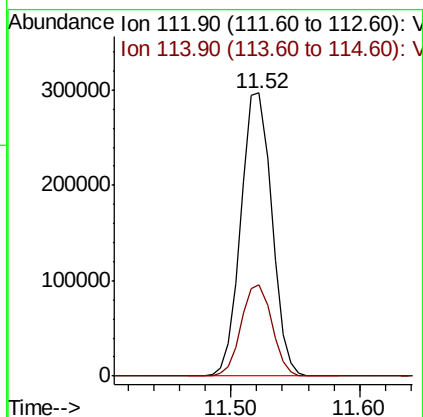
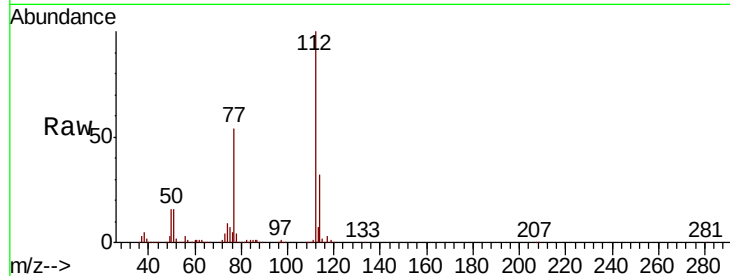




#65
Chlorobenzene
Concen: 53.248 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

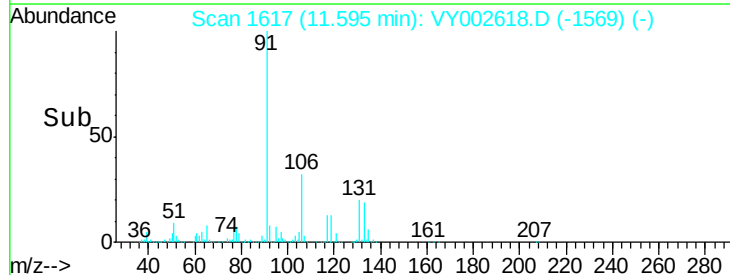
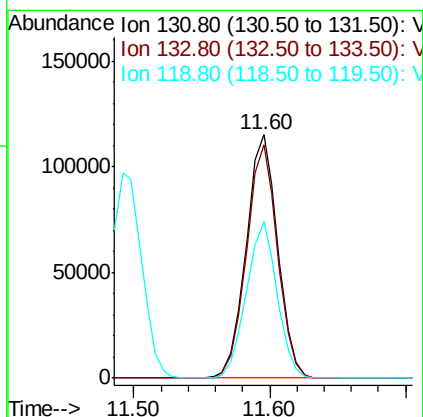
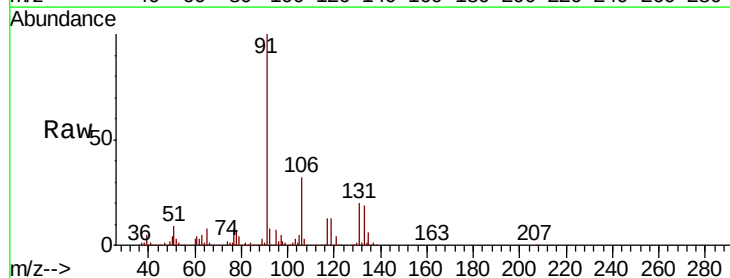
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

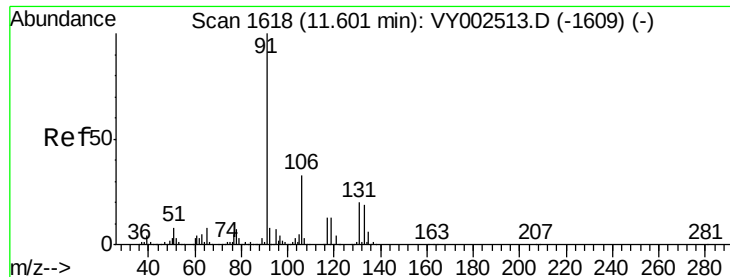
Tot Ion:112 Resp: 493376
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.166 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion:131 Resp: 186300
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 63.0 31.6 95.0

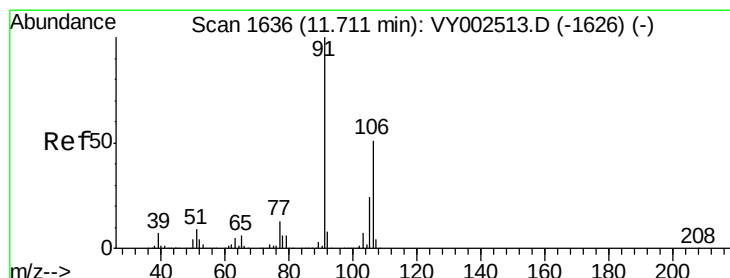
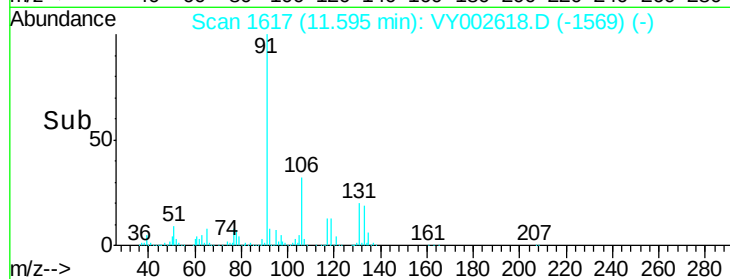
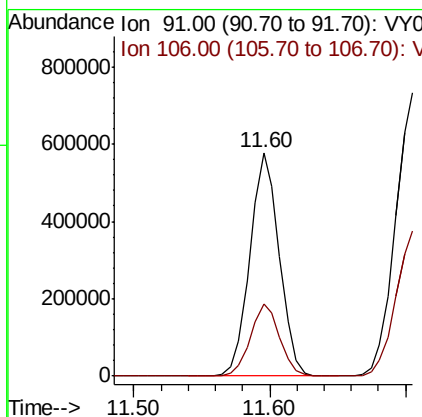
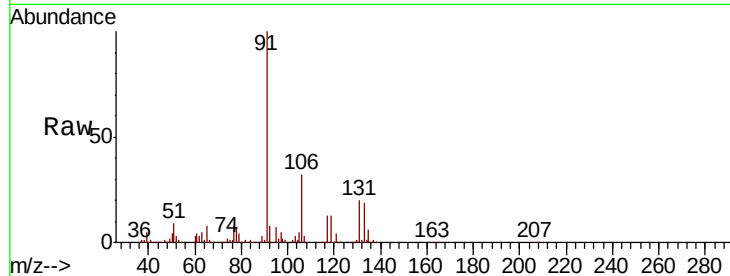




#67
Ethyl Benzene
Concen: 53.614 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

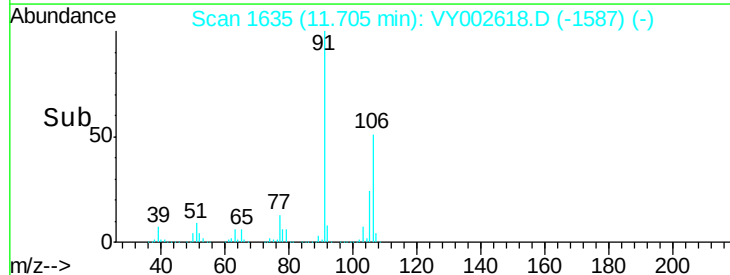
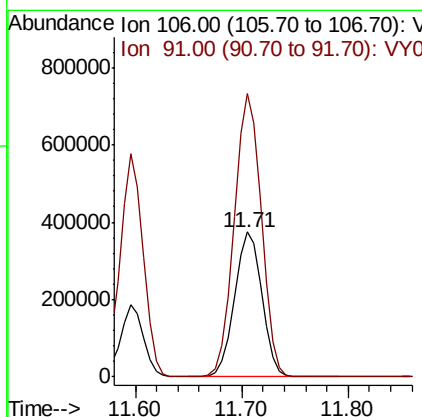
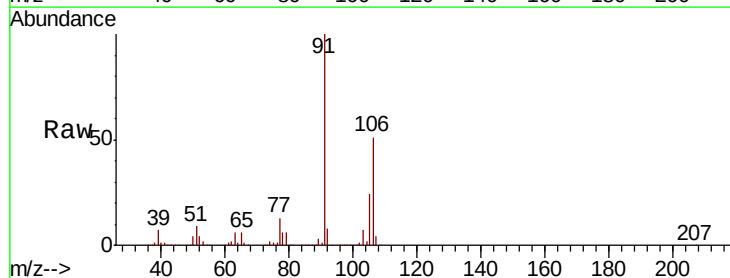
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

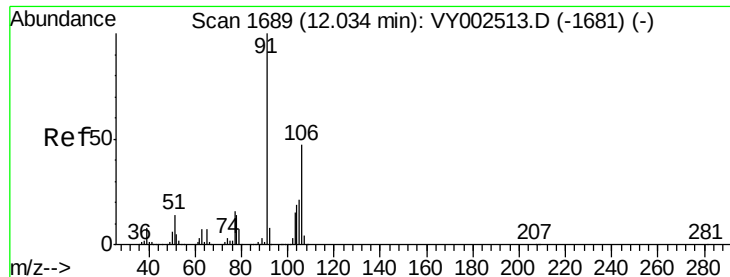
Tot Ion: 91 Resp: 872613
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 106.914 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 106 Resp: 673293
Ion Ratio Lower Upper
106 100
91 194.5 155.2 232.8

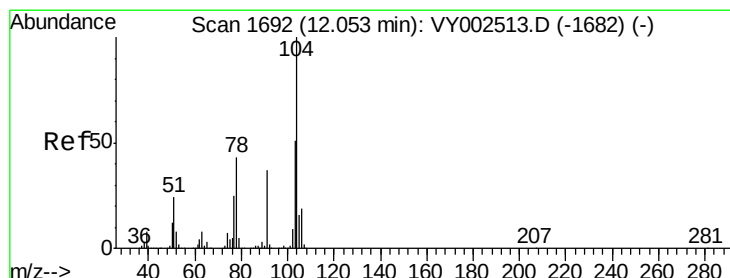
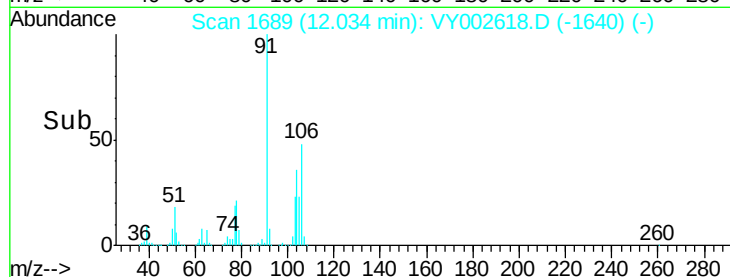
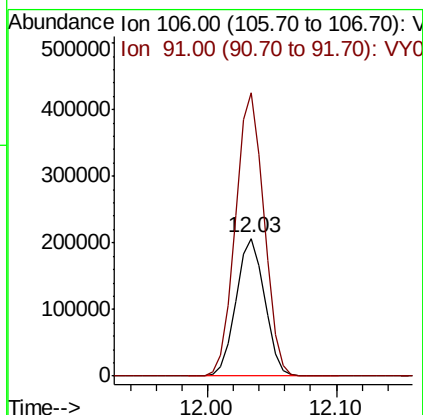
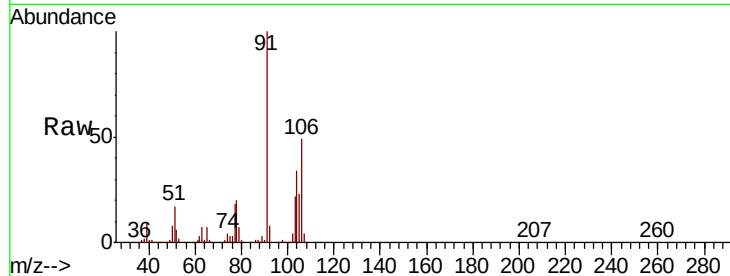




#69
o-Xylene
Concen: 53.962 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

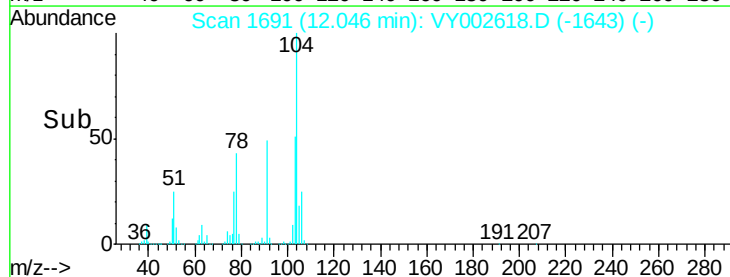
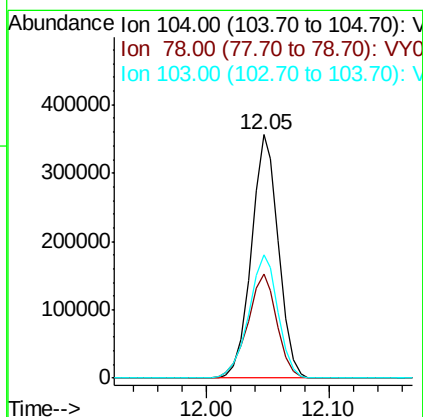
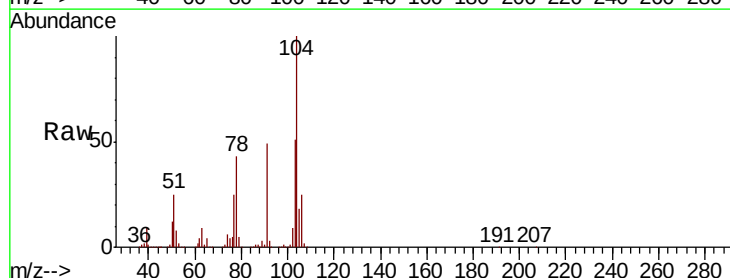
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

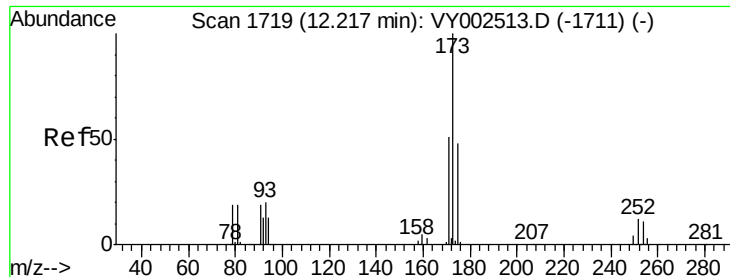
Tot Ion:106 Resp: 318183
Ion Ratio Lower Upper
106 100
91 205.5 103.8 311.3



#70
Styrene
Concen: 54.259 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion:104 Resp: 546939
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 54.7 43.9 65.9





#71

Bromoform

Concen: 54.200 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

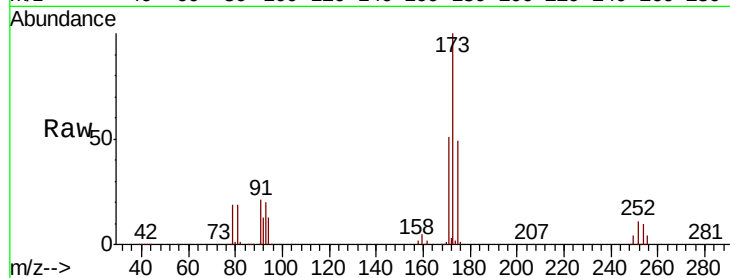
Tot Ion:173 Resp: 115704

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.8

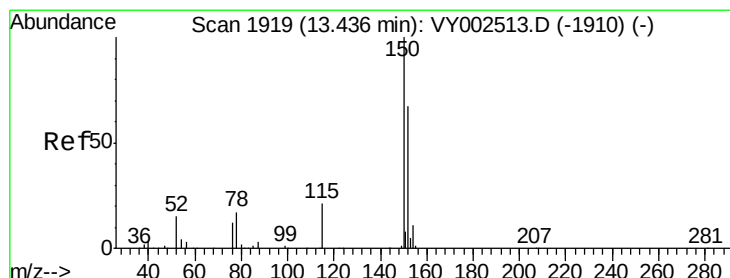
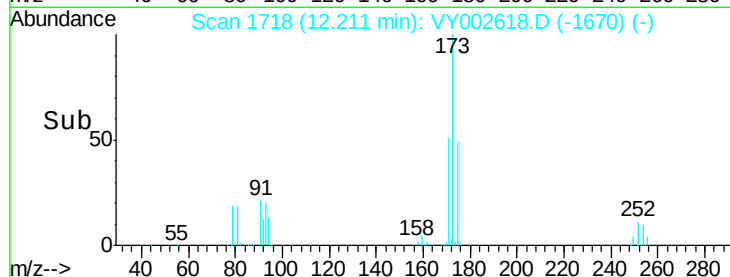
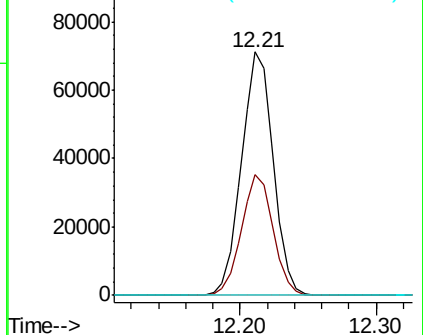
254 0.1 0.2 0.2#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

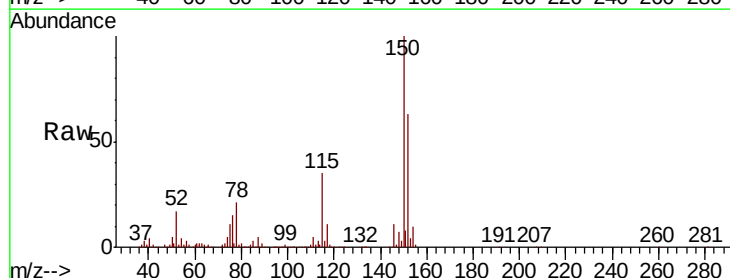
Tgt Ion:152 Resp: 251802

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

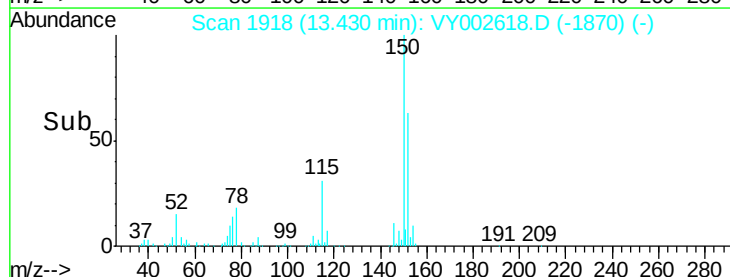
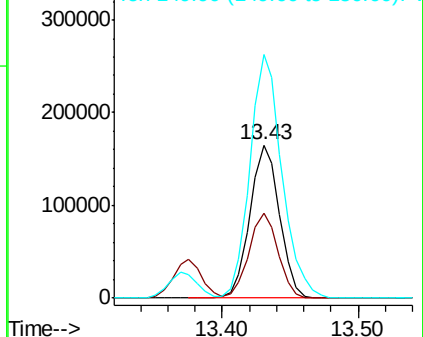
150 172.1 0.0 346.4

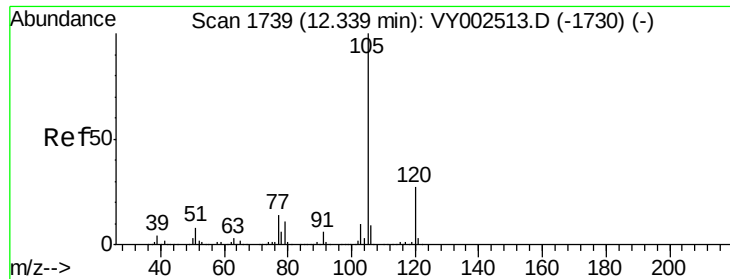


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

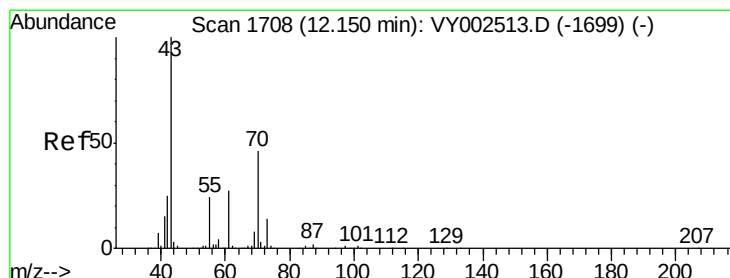
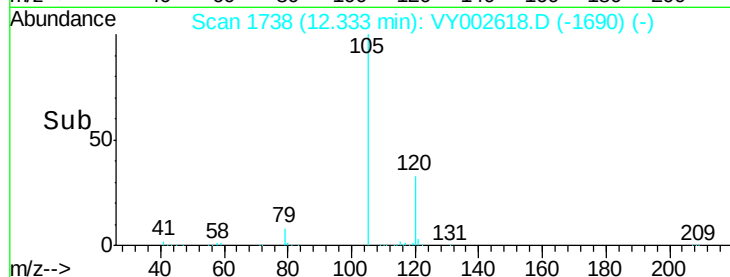
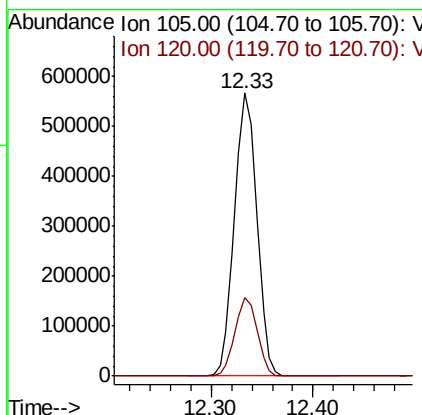
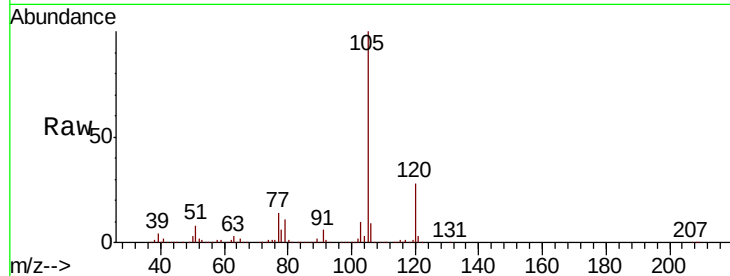




#73
Isopropylbenzene
Concen: 52.731 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

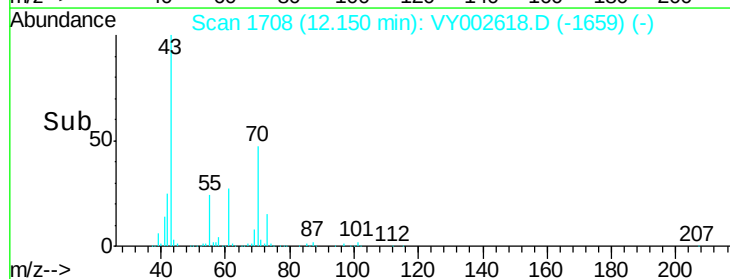
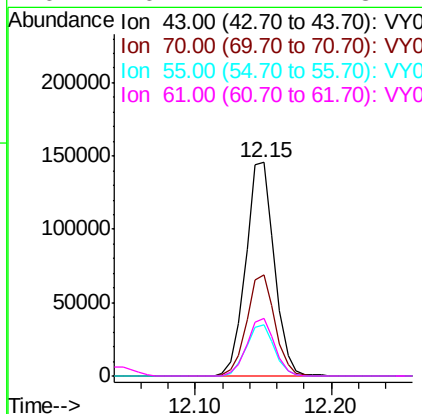
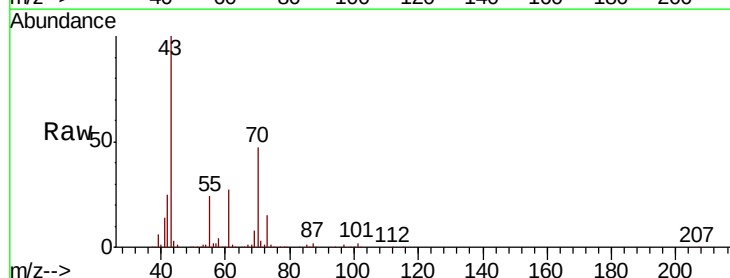
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

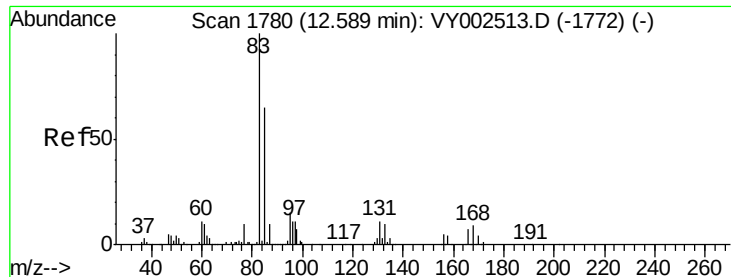
Tot Ion:105 Resp: 860523
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.3



#74
N-ethyl acetate
Concen: 54.350 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion: 43 Resp: 213360
Ion Ratio Lower Upper
43 100
70 46.8 36.7 55.1
55 24.1 19.2 28.8
61 26.1 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.961 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

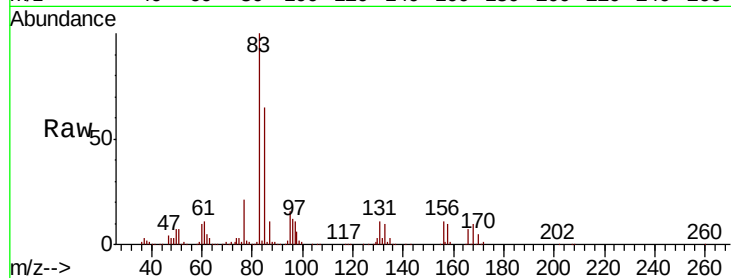
Tot Ion: 83 Resp: 129665

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.8

85 64.4 31.9 95.9



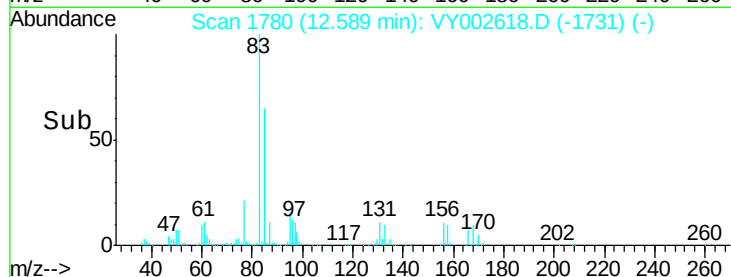
Abundance Ion 82.90 (82.60 to 83.60): VY002618.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002618.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002618.D (-1731) (-)

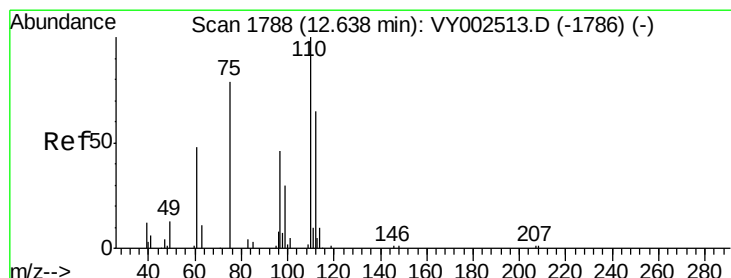
Time-->

12.59



Time-->

12.59



#76

1,2,3-Trichloropropane

Concen: 93.312 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002618.D

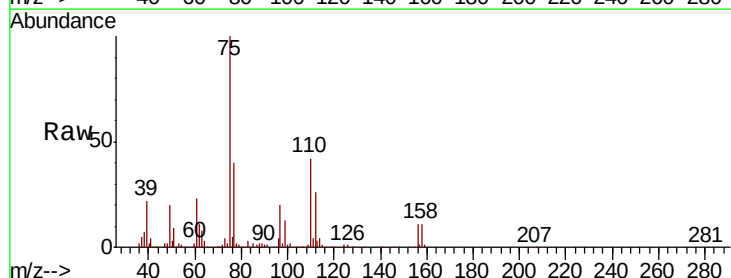
Acq: 07 May 2020 09:55

Tgt Ion: 75 Resp: 208802

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

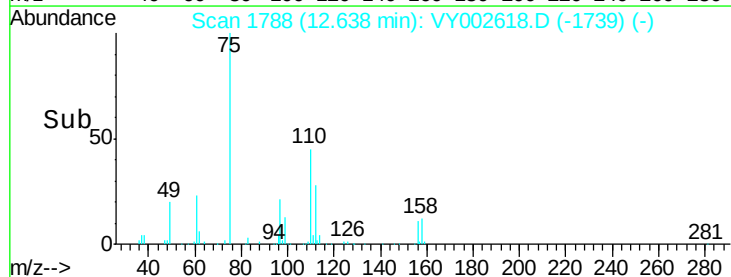


Abundance Ion 74.90 (74.60 to 75.60): VY002618.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002618.D (-1739) (-)

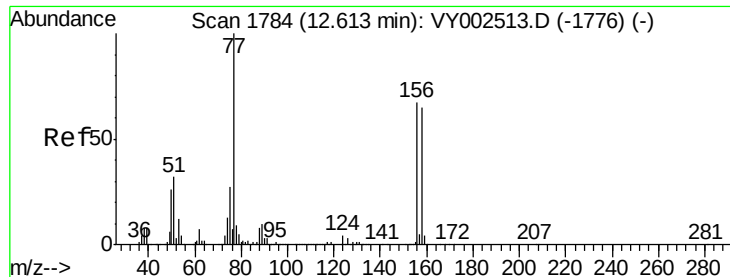
Time-->

12.64



Time-->

12.64



#77

Bromobenzene

Concen: 52.709 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

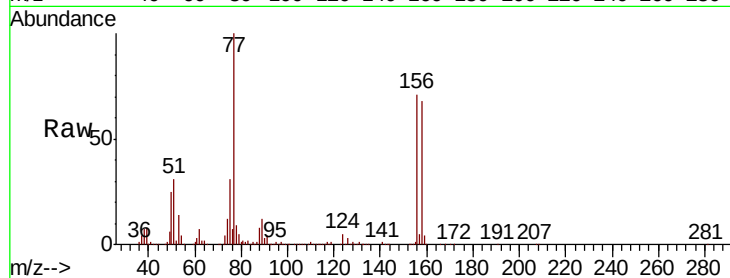
Tot Ion:156 Resp: 214906

Ion Ratio Lower Upper

156 100

77 163.0 82.0 245.8

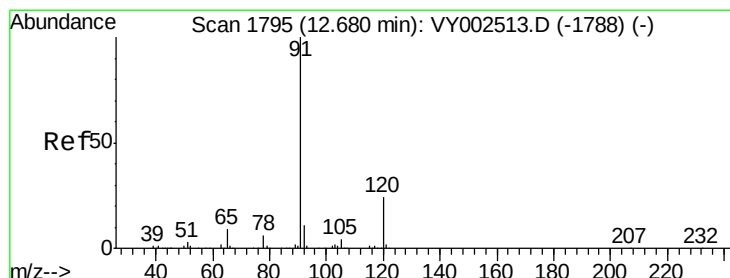
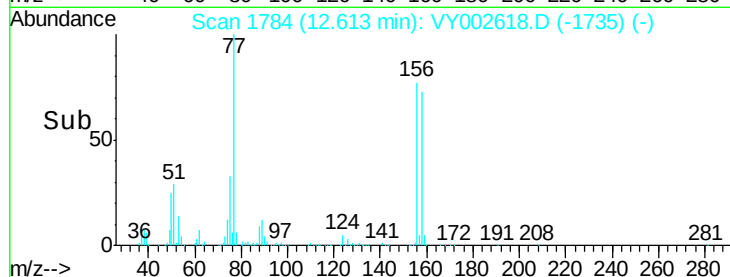
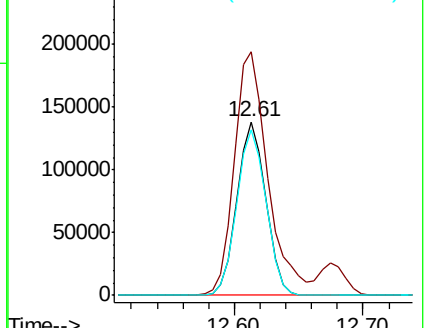
158 96.5 48.5 145.6



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: 52.959 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002618.D

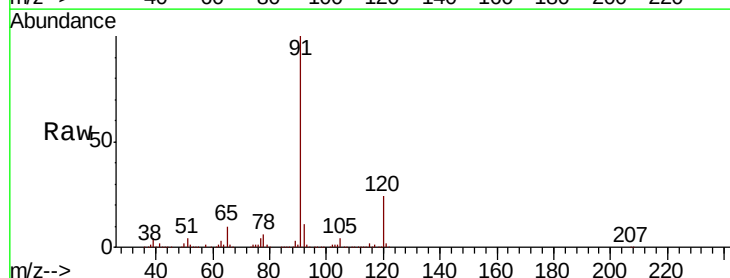
Acq: 07 May 2020 09:55

Tgt Ion: 91 Resp: 1002935

Ion Ratio Lower Upper

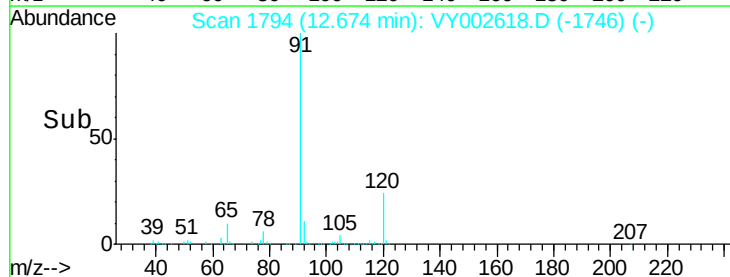
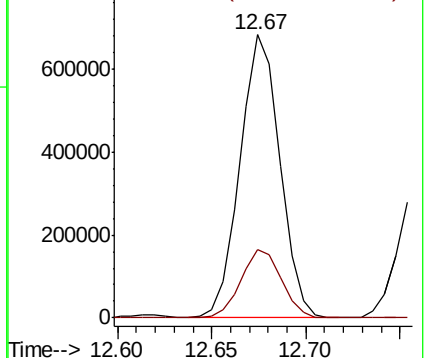
91 100

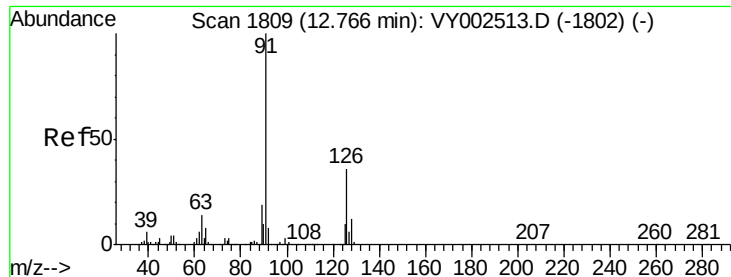
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.087 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

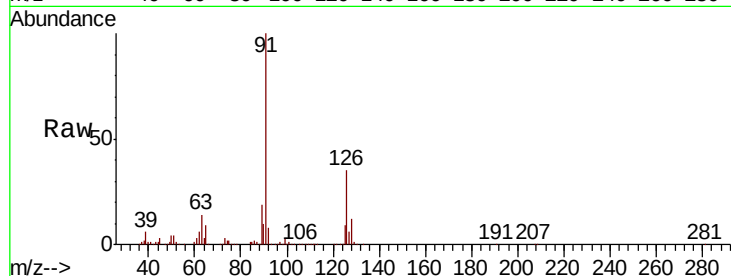
VSTDCCC050

Tot Ion: 91 Resp: 556898

Ion Ratio Lower Upper

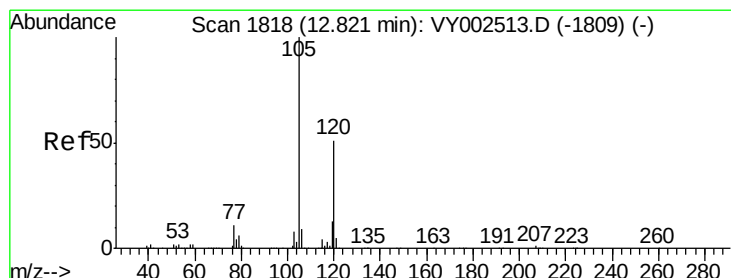
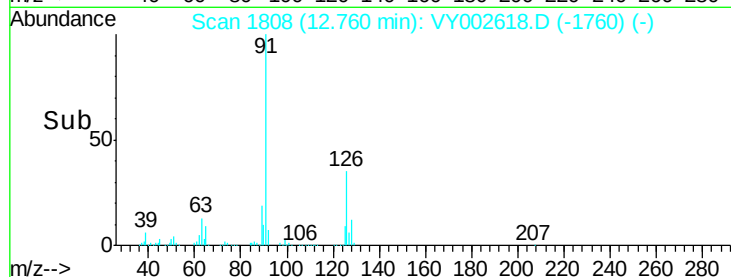
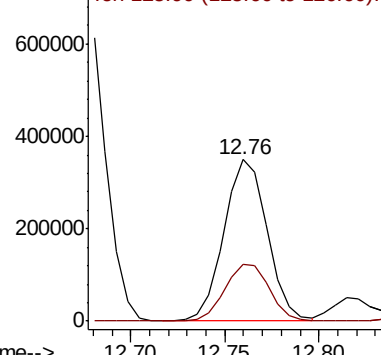
91 100

126 36.4 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: 52.971 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002618.D

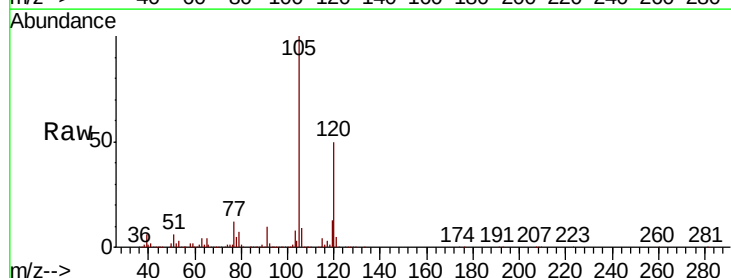
Acq: 07 May 2020 09:55

Tgt Ion: 105 Resp: 716555

Ion Ratio Lower Upper

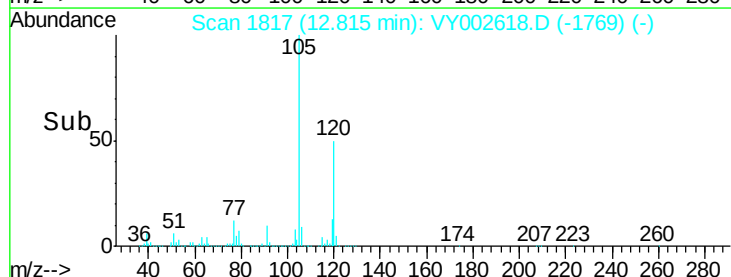
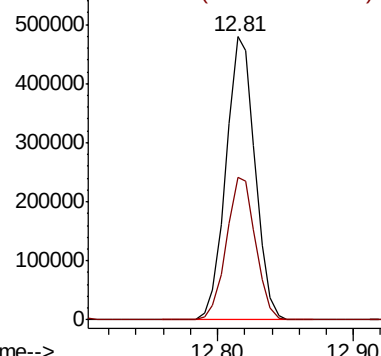
105 100

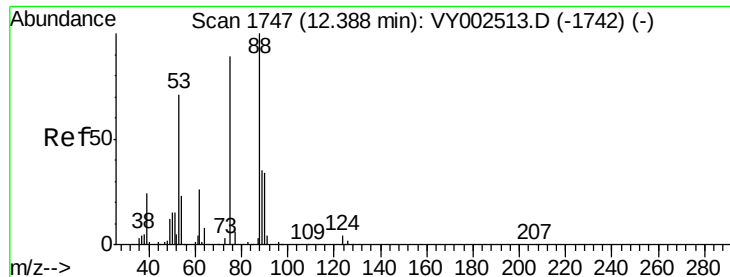
120 50.6 25.3 75.9



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: 53.712 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

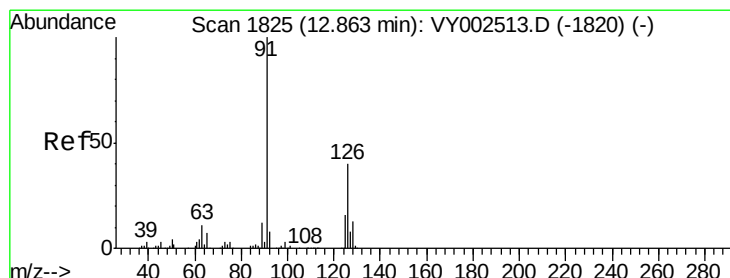
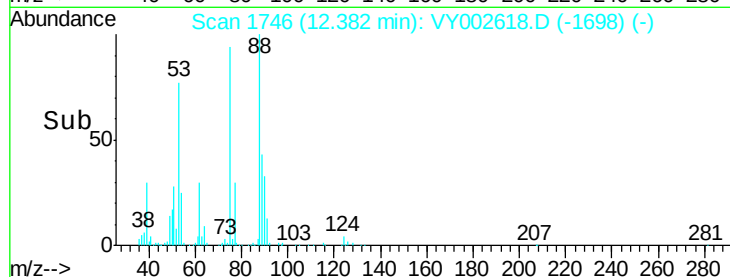
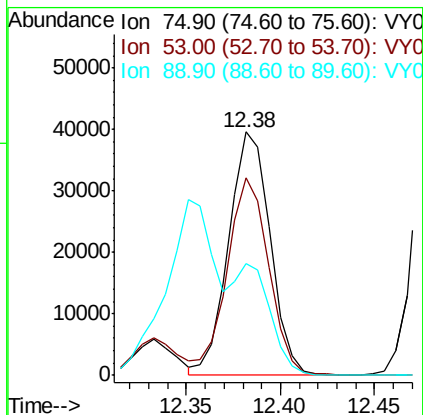
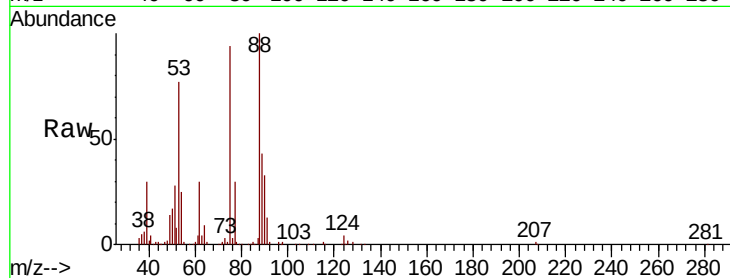
Tot Ion: 75 Resp: 59939

Ion Ratio Lower Upper

75 100

53 82.4 67.4 101.0

89 0.0 37.4 56.0#



#82

4-Chlorotoluene

Concen: 52.335 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002618.D

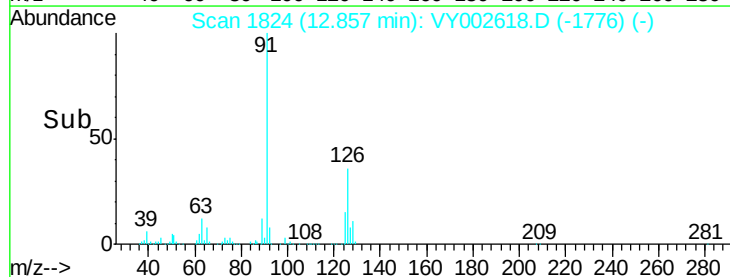
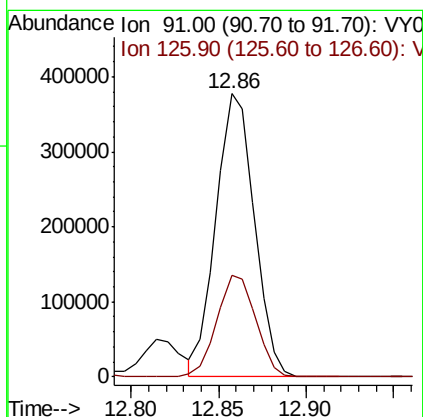
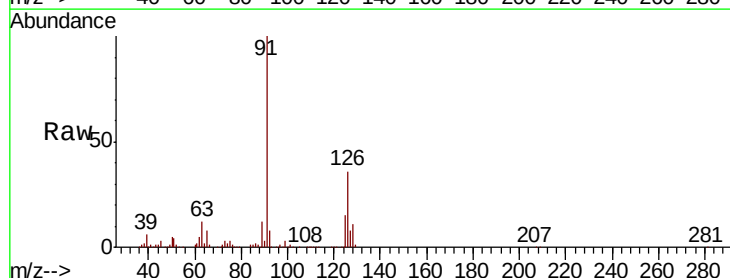
Acq: 07 May 2020 09:55

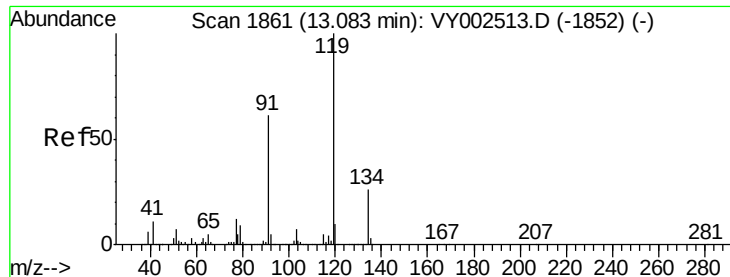
Tgt Ion: 91 Resp: 576699

Ion Ratio Lower Upper

91 100

126 36.4 18.5 55.5

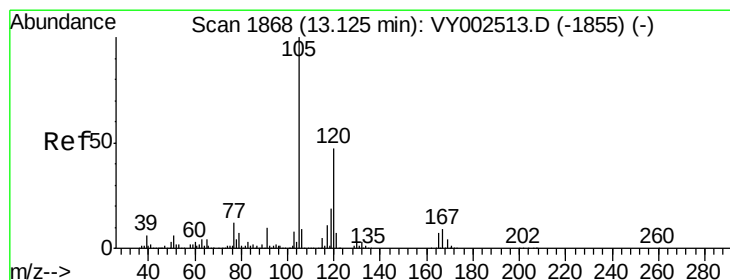
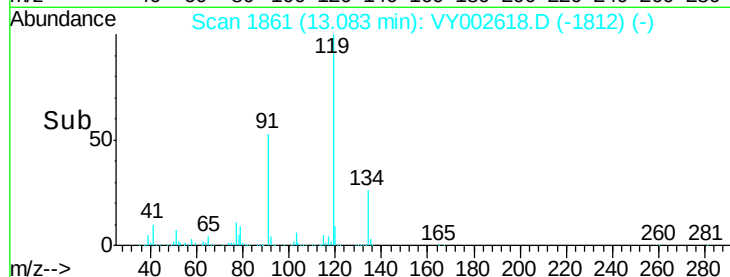
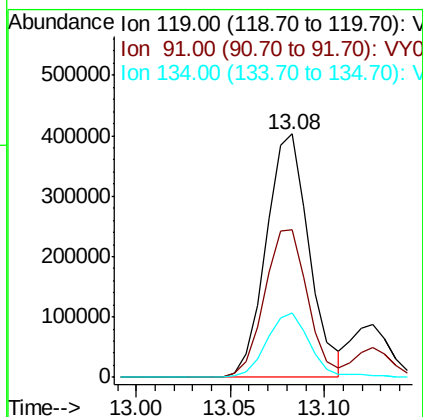
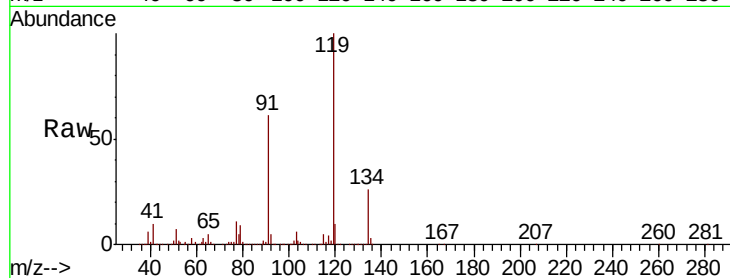




#83
 tert-Butylbenzene
 Concen: 53.607 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

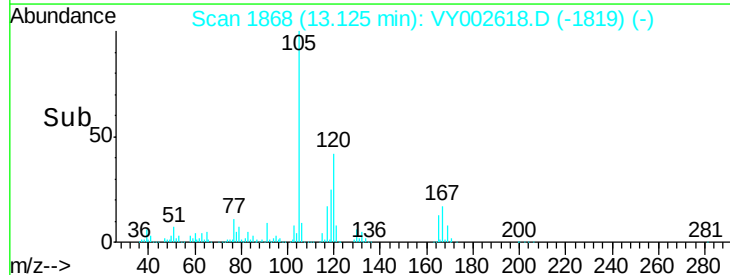
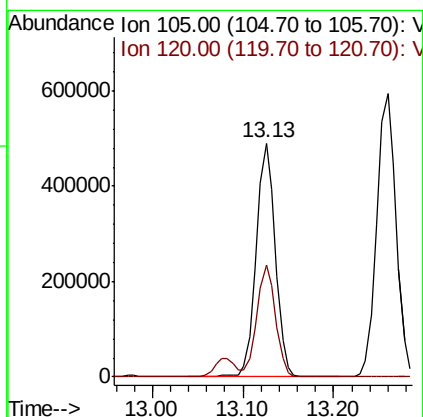
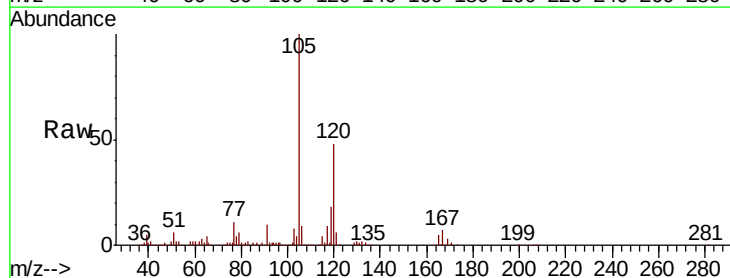
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

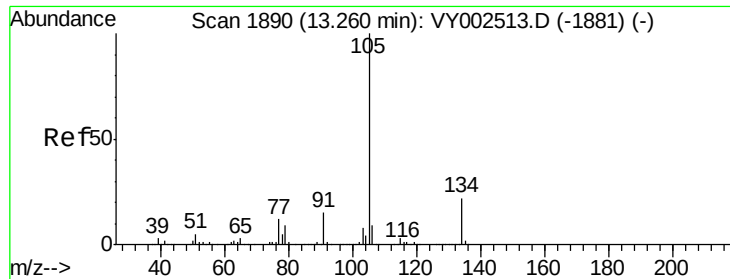
Tot Ion:119 Resp: 635833
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.6 91.6
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.926 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion:105 Resp: 713523
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 53.224 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

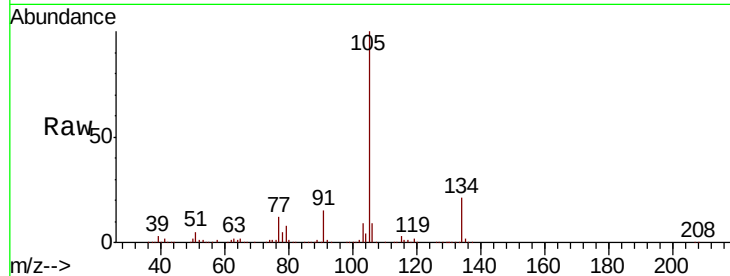
VSTDCCC050

Tot Ion:105 Resp: 875994

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

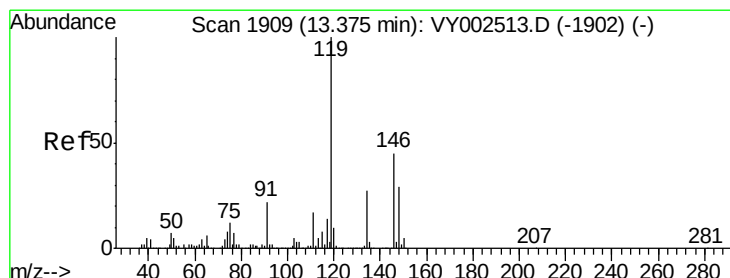
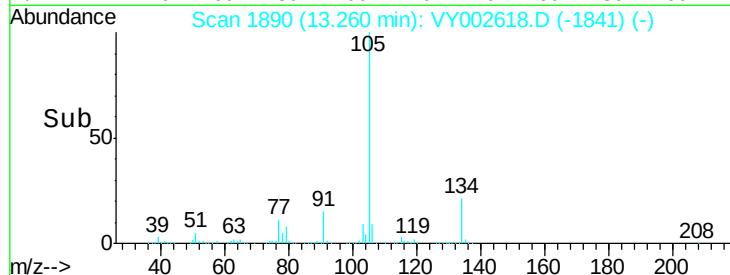
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.853 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

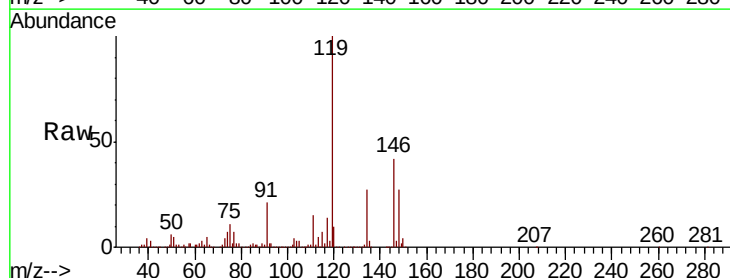
Tgt Ion:119 Resp: 815077

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.8 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

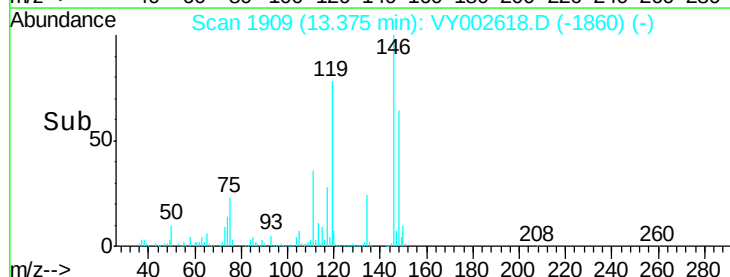
600000

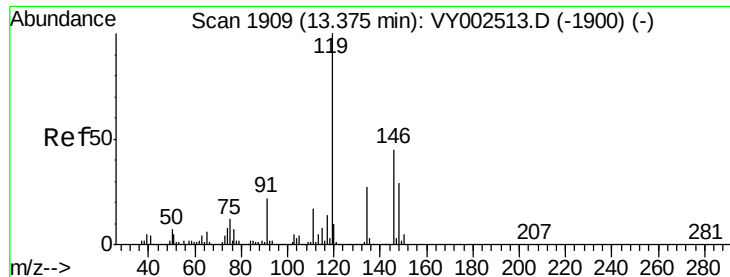
400000

200000

0

Time-->

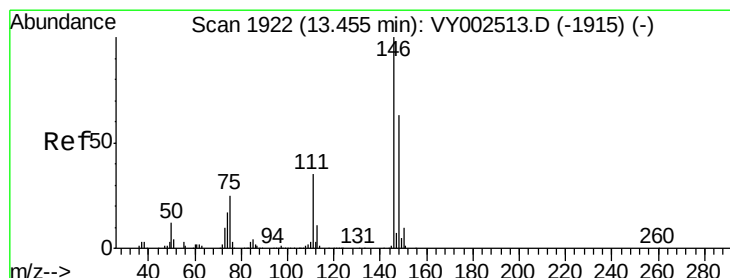
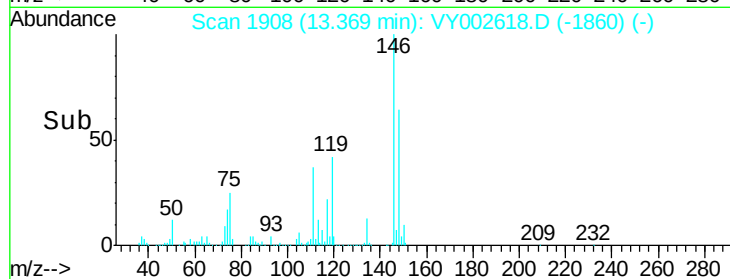
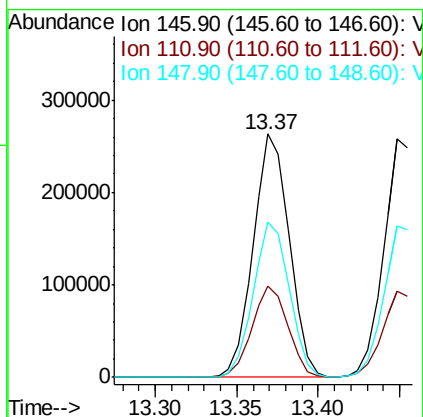
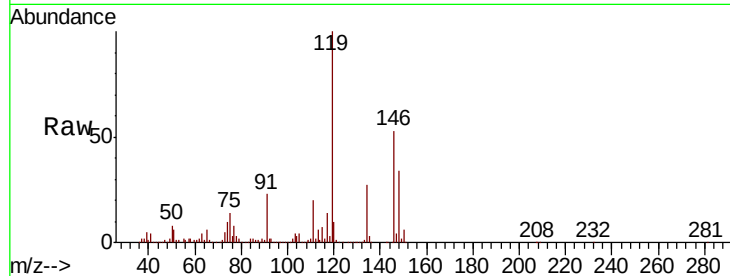




#87
 1,3-Dichlorobenzene
 Concen: 52.565 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

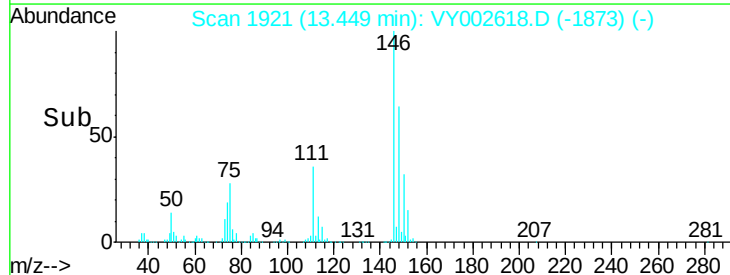
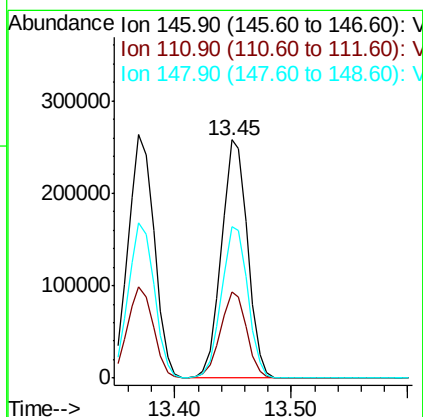
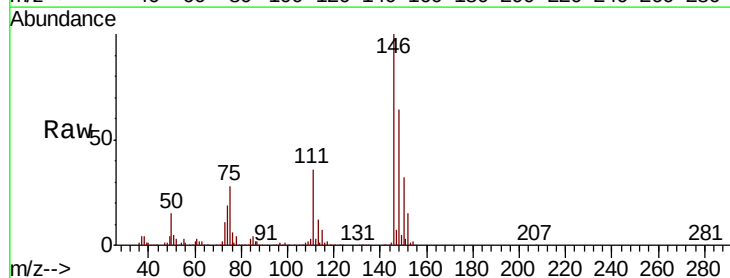
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

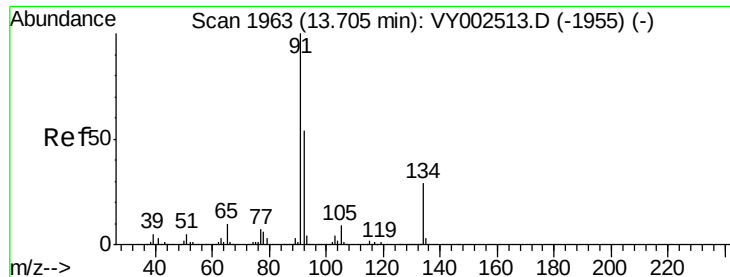
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.189 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.1	31.9	95.5





#89

n-Butylbenzene

Concen: 53.052 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

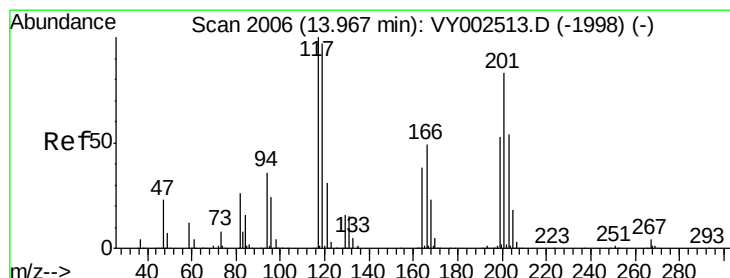
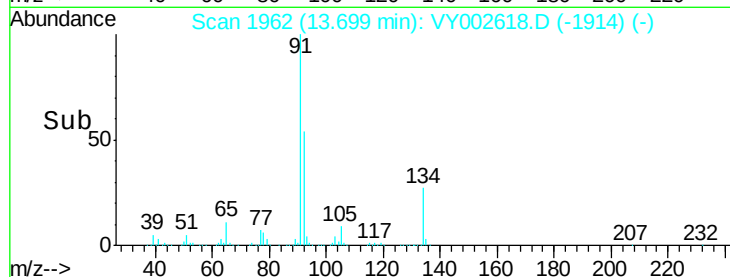
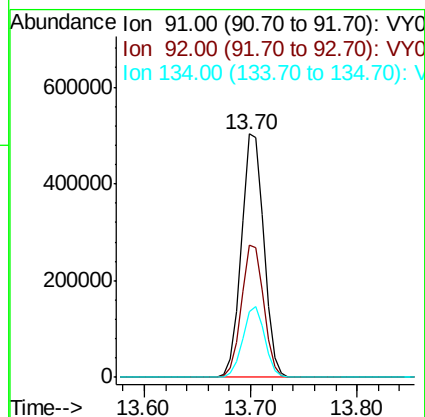
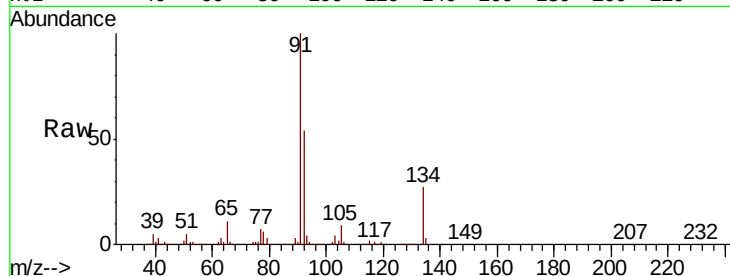
Tot Ion: 91 Resp: 744800

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.3

134 28.5 14.4 43.0



#90

Hexachloroethane

Concen: 53.595 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002618.D

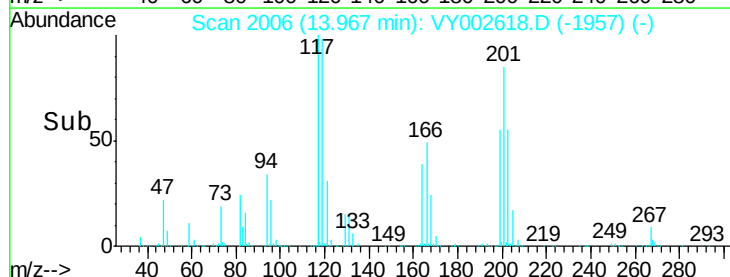
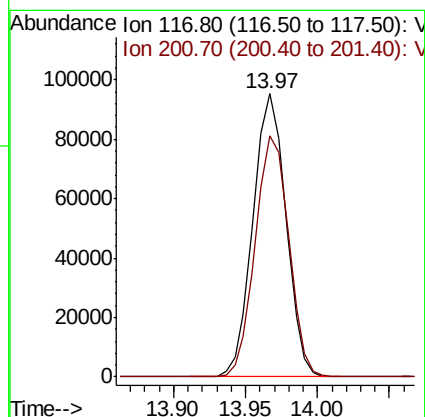
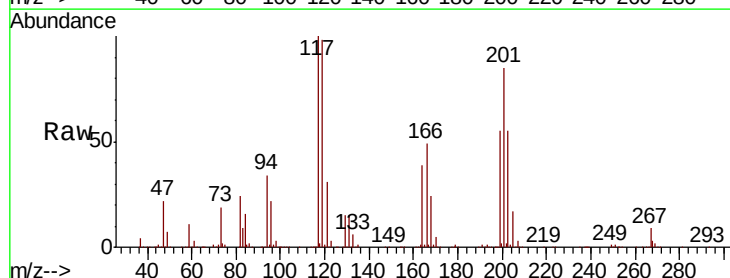
Acq: 07 May 2020 09:55

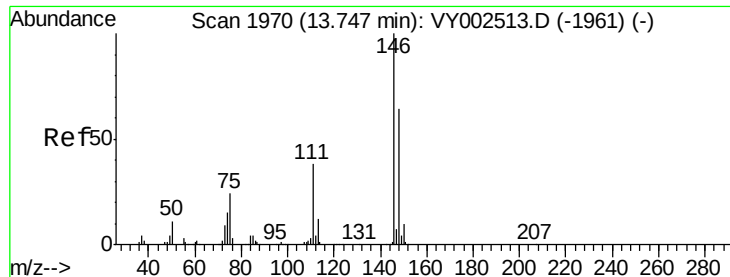
Tgt Ion: 117 Resp: 150520

Ion Ratio Lower Upper

117 100

201 86.9 44.4 133.2





#91

1,2-Dichlorobenzene

Concen: 52.077 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

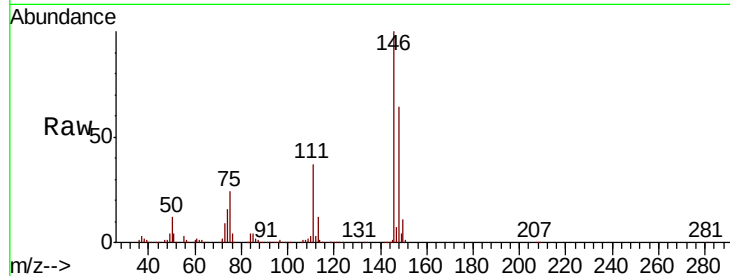
Tot Ion:146 Resp: 358584

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

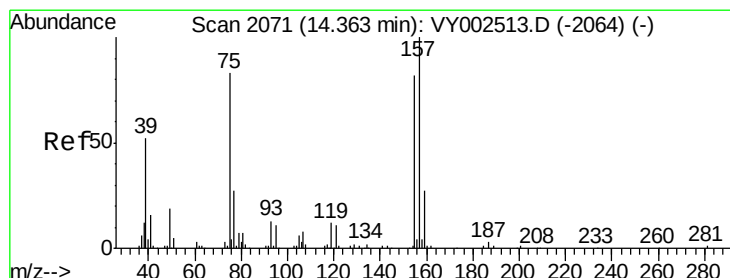
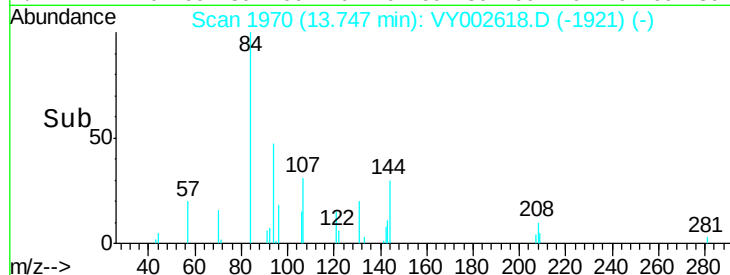
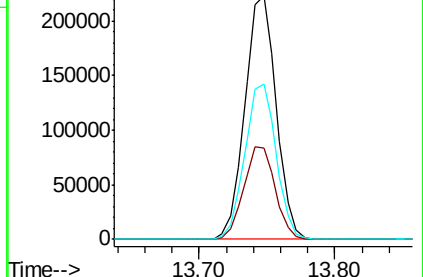
148 64.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.867 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002618.D

Acq: 07 May 2020 09:55

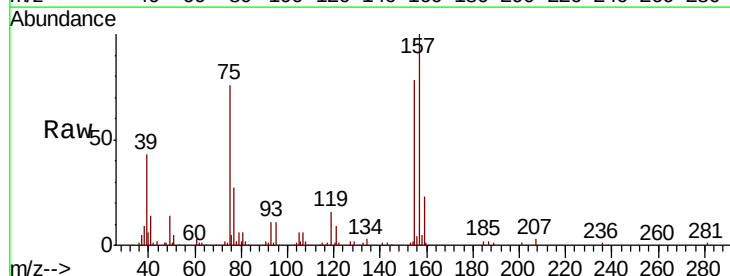
Tgt Ion: 75 Resp: 24609

Ion Ratio Lower Upper

75 100

155 102.7 51.3 153.9

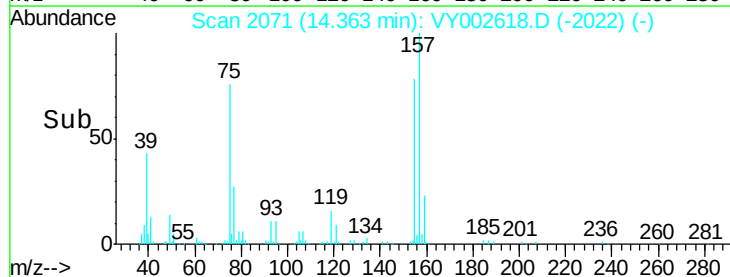
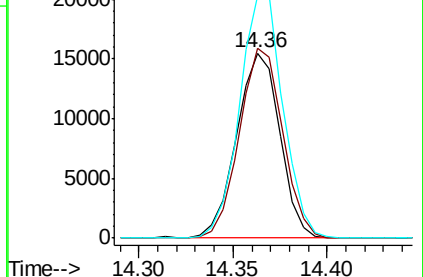
157 132.5 65.0 195.0

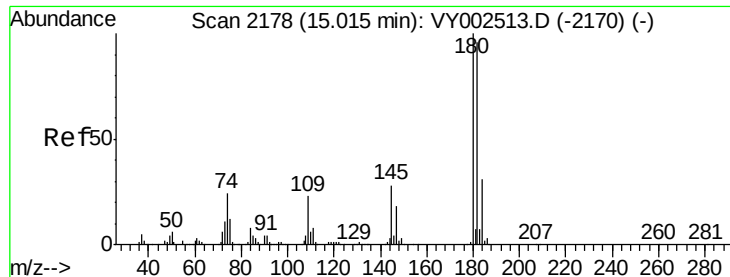


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

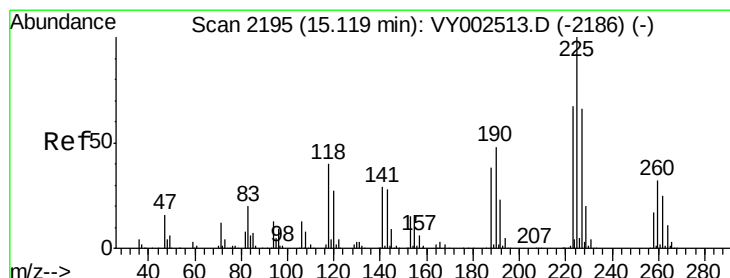
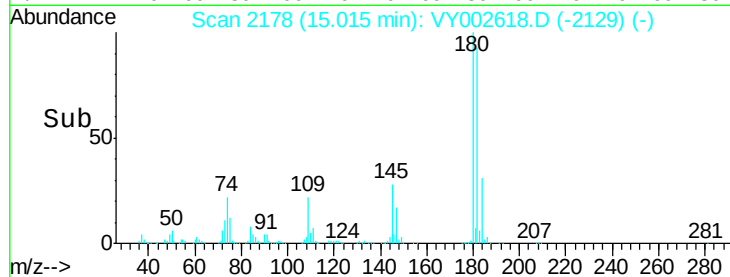
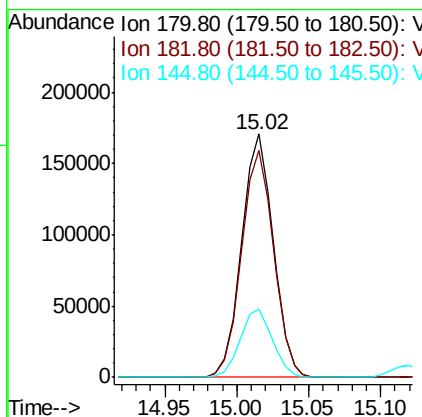
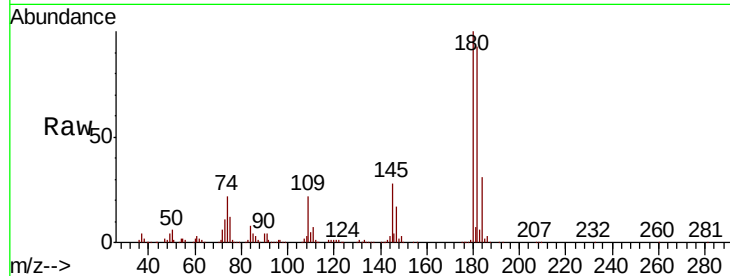




#93
 1,2,4-Trichlorobenzene
 Concen: 51.845 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

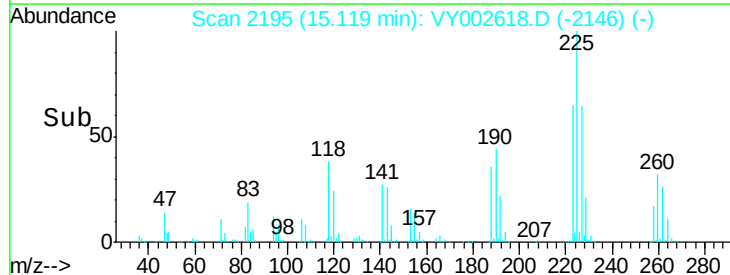
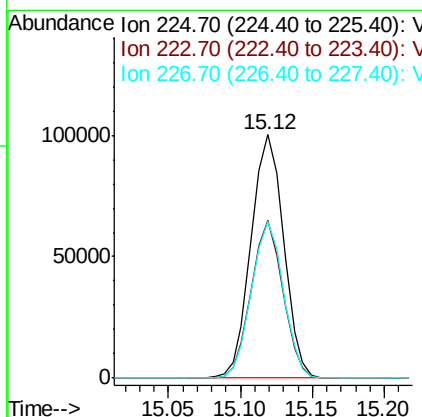
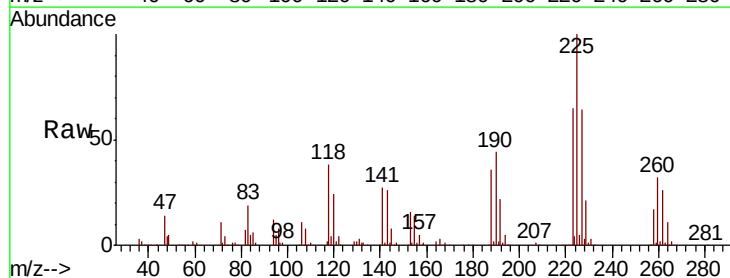
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

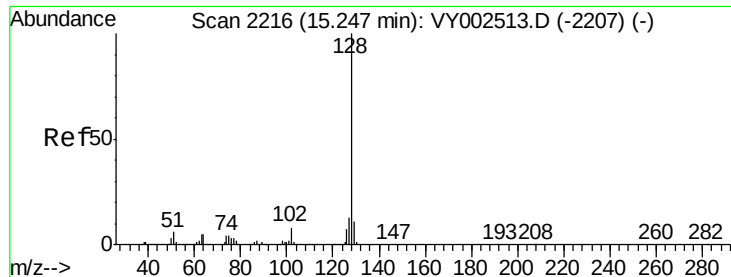
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	28.5	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 52.369 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002618.D
 Acq: 07 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.5
227	63.2	32.0	96.2

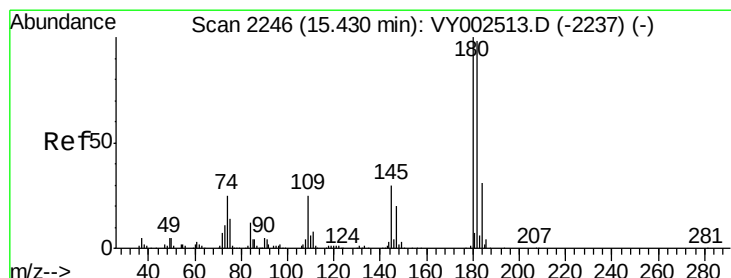
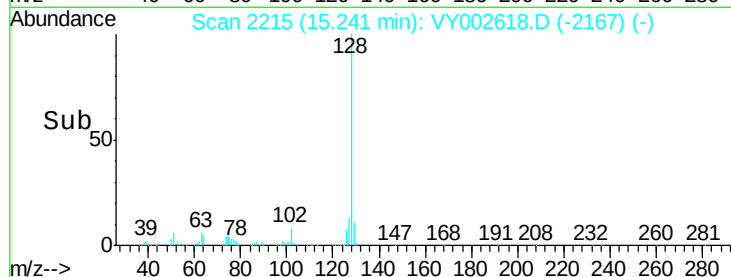
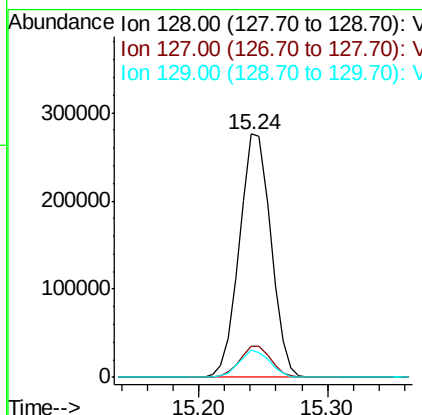
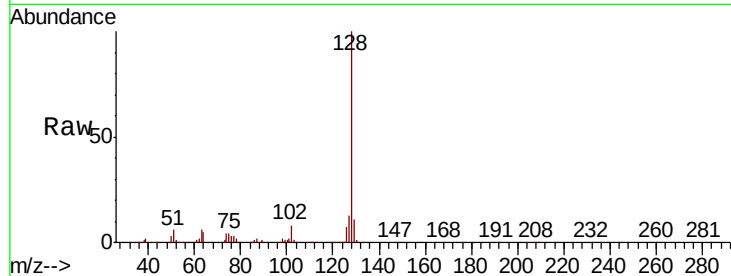




#95
Naphthalene
Concen: 51.385 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 468612
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.871 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002618.D
Acq: 07 May 2020 09:55

Tgt Ion:180 Resp: 215888
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 30.3 15.0 45.1

