

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001809.D
 Acq On : 02 Mar 2020 10:31
 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: Mar 02 11:19:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	184198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	330052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137868	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90525	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	7.74	113	88598	46.87	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.74%	
50) Toluene-d8	10.19	98	359806	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.49	95	128236	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	87586	48.78	ug/l	100
3) Chloromethane	2.13	50	111961	46.36	ug/l	99
4) Vinyl Chloride	2.27	62	113524	46.60	ug/l	98
5) Bromomethane	2.66	94	70368	46.22	ug/l	97
6) Chloroethane	2.81	64	69982	46.62	ug/l	99
7) Trichlorofluoromethane	3.15	101	153155	49.13	ug/l	98
8) Diethyl Ether	3.55	74	60617	49.32	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	99510	50.78	ug/l	100
10) Methyl Iodide	4.12	142	119252	49.73	ug/l	99
11) Tert butyl alcohol	4.99	59	49803	213.25	ug/l	100
12) 1,1-Dichloroethene	3.90	96	99062	49.57	ug/l	98
13) Acrolein	3.76	56	54174	270.73	ug/l	97
14) Allyl chloride	4.51	41	174310	49.01	ug/l	99
15) Acrylonitrile	5.19	53	162252	257.56	ug/l	99
16) Acetone	3.97	43	190024	277.18	ug/l	99
17) Carbon Disulfide	4.22	76	303577	45.50	ug/l	99
18) Methyl Acetate	4.51	43	74713	50.04	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	271769	48.84	ug/l	99
20) Methylene Chloride	4.75	84	112939	46.38	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	111067	48.71	ug/l	100
22) Diisopropyl ether	6.15	45	354111	48.48	ug/l	99
23) Vinyl Acetate	6.09	43	1158062	243.05	ug/l	98
24) 1,1-Dichloroethane	6.05	63	195518	50.08	ug/l	99
25) 2-Butanone	7.01	43	239912	257.61	ug/l	97
26) 2,2-Dichloropropane	7.01	77	165084	48.60	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	122395	48.63	ug/l	99
28) Bromochloromethane	7.36	49	87203	53.62	ug/l	99
29) Tetrahydrofuran	7.37	42	136299	242.14	ug/l	100
30) Chloroform	7.53	83	185123	48.53	ug/l	99
31) Cyclohexane	7.80	56	191404	45.98	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	158969	49.58	ug/l	99
36) 1,1-Dichloropropene	7.94	75	152586	48.40	ug/l	99
37) Ethyl Acetate	7.10	43	91257	48.50	ug/l	99
38) Carbon Tetrachloride	7.92	117	134035	48.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	198009	47.34	ug/l	98
40) Benzene	8.18	78	458506	49.45	ug/l	99
41) Methacrylonitrile	7.36	41	120735	127.79	ug/l #	31
42) 1,2-Dichloroethane	8.25	62	116286	46.04	ug/l	99
43) Isopropyl Acetate	8.29	43	171464	48.03	ug/l	99
44) Trichloroethene	8.96	130	113096	48.86	ug/l	98
45) 1,2-Dichloropropane	9.23	63	117265	50.50	ug/l	96
46) Dibromomethane	9.32	93	59711	49.16	ug/l	99
47) Bromodichloromethane	9.51	83	143954	49.11	ug/l	99
48) Methyl methacrylate	9.30	41	75729	46.90	ug/l	97
49) 1,4-Dioxane	9.32	88	16337	952.36	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	449153	244.86	ug/l	100
52) Toluene	10.25	92	282701	48.88	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	159577	49.24	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	186318	49.96	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	89700	50.09	ug/l	99
56) Ethyl methacrylate	10.52	69	133621	49.74	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156969	49.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	241556	238.17	ug/l	100
59) 2-Hexanone	10.85	43	348074	252.90	ug/l	99
60) Dibromochloromethane	11.00	129	98217	49.74	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85365	50.41	ug/l	100
64) Tetrachloroethene	10.73	164	89470	48.66	ug/l	98
65) Chlorobenzene	11.53	112	291320	49.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	97004	49.17	ug/l	100
67) Ethyl Benzene	11.60	91	540179	49.77	ug/l	99
68) m/p-Xylenes	11.71	106	402830	99.37	ug/l	98
69) o-Xylene	12.04	106	190971	49.55	ug/l	97
70) Styrene	12.05	104	332758	49.68	ug/l	99
71) Bromoform	12.22	173	56250	49.89	ug/l	100
73) Isopropylbenzene	12.34	105	513730	48.91	ug/l	99
74) N-amyl acetate	12.15	43	157461	46.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	114909	51.24	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	146433	92.59	ug/l #	100
77) Bromobenzene	12.62	156	109137	47.93	ug/l	97
78) n-propylbenzene	12.68	91	631441	49.36	ug/l	100
79) 2-Chlorotoluene	12.77	91	348442	48.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	422754	48.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	41305	49.55	ug/l	96
82) 4-Chlorotoluene	12.86	91	369132	48.78	ug/l	99
83) tert-Butylbenzene	13.08	119	349146	48.02	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	420358	48.50	ug/l	99
85) sec-Butylbenzene	13.26	105	526728	49.25	ug/l	100
86) p-Isopropyltoluene	13.38	119	452661	48.72	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	214854	48.66	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	217294	48.68	ug/l	99
89) n-Butylbenzene	13.70	91	464670	48.95	ug/l	100
90) Hexachloroethane	13.97	117	85882	49.06	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	196264	48.16	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17044	46.05	ug/l	94

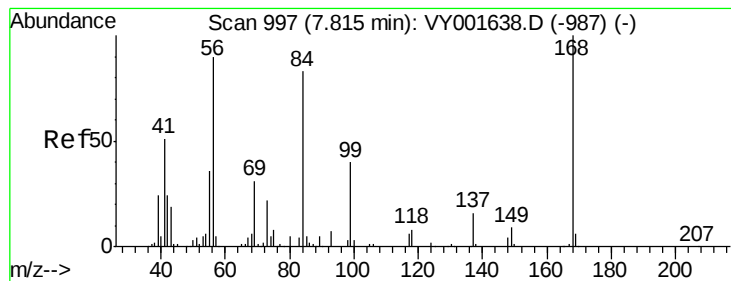
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	124905	46.25	ug/l	98
94) Hexachlorobutadiene	15.13	225	60850	45.31	ug/l	99
95) Naphthalene	15.25	128	303389	48.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	112157	47.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

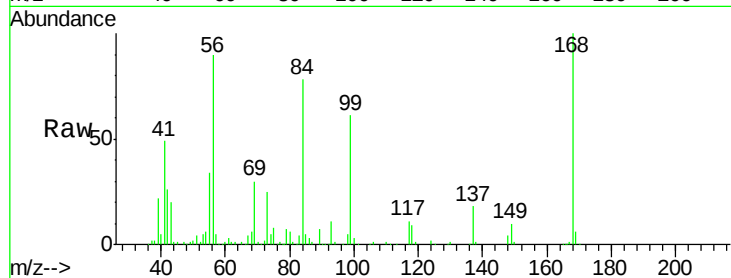
VSTDCCC050

Tgt Ion:168 Resp: 184198

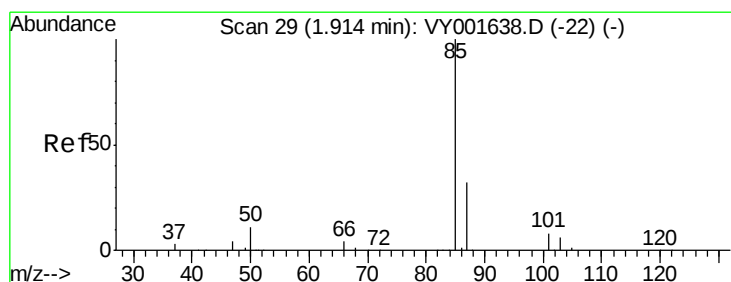
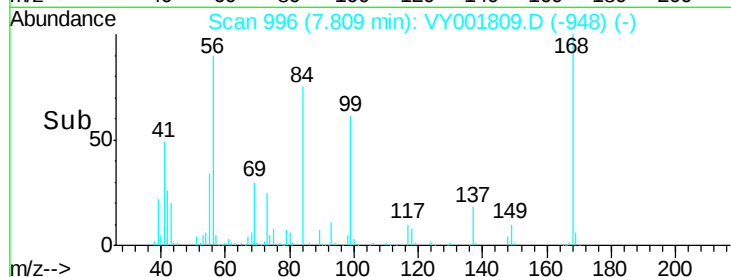
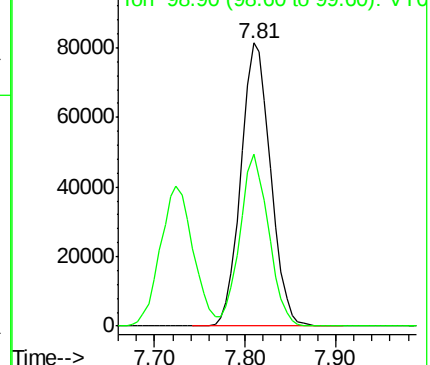
Ion Ratio Lower Upper

168 100

99 60.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001809.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 48.78 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001809.D

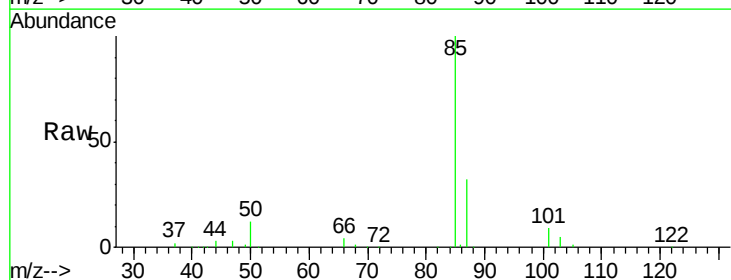
Acq: 02 Mar 2020 10:31

Tgt Ion: 85 Resp: 87586

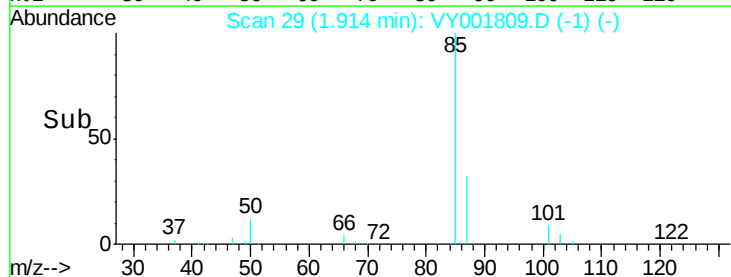
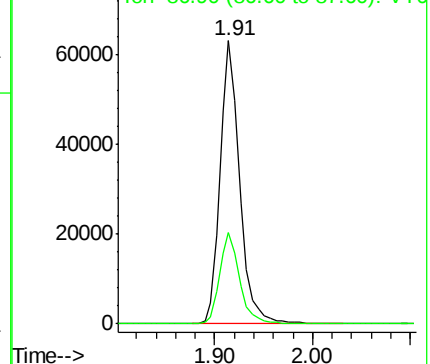
Ion Ratio Lower Upper

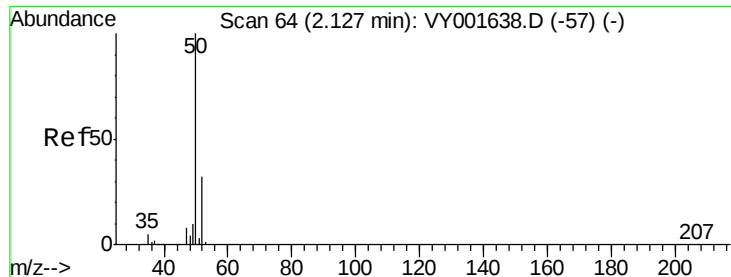
85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001809.D (-1) (-)





#3

Chloromethane

Concen: 46.36 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

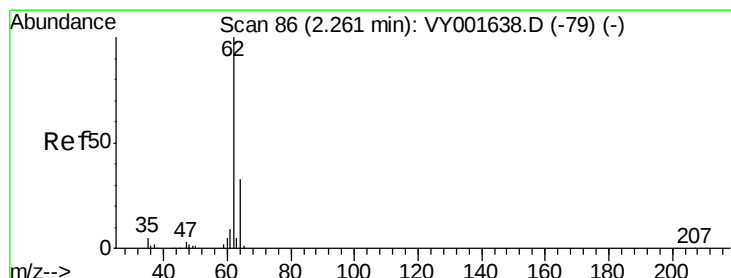
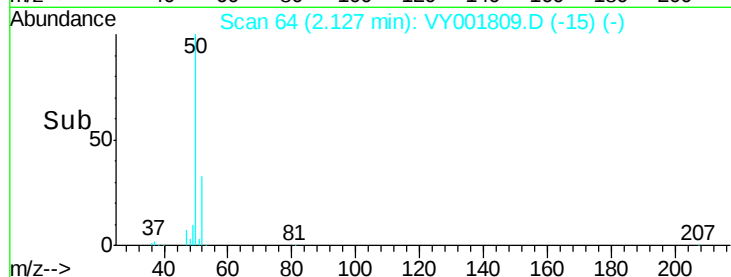
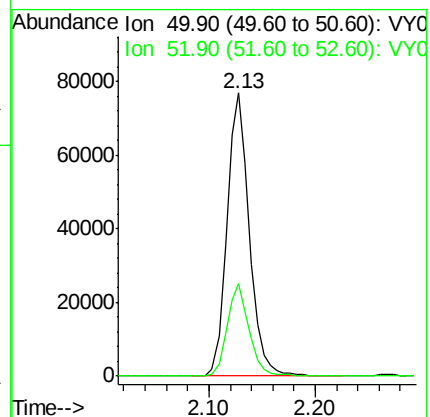
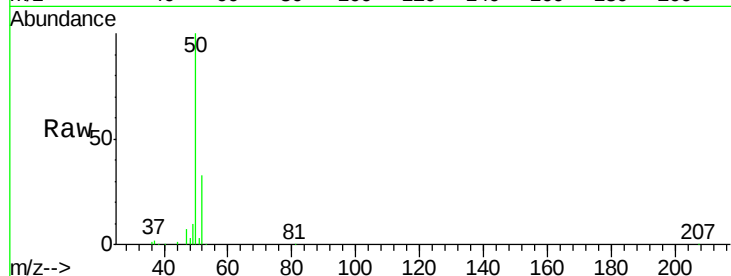
VSTDCCC050

Tgt Ion: 50 Resp: 111961

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 46.60 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001809.D

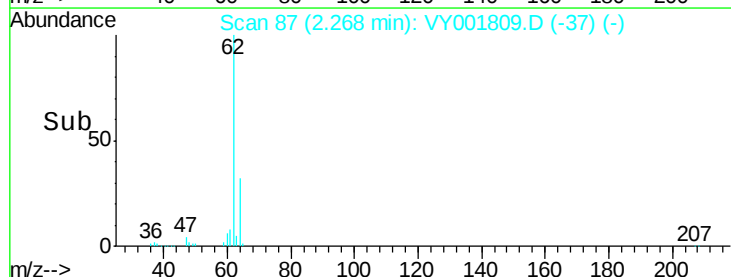
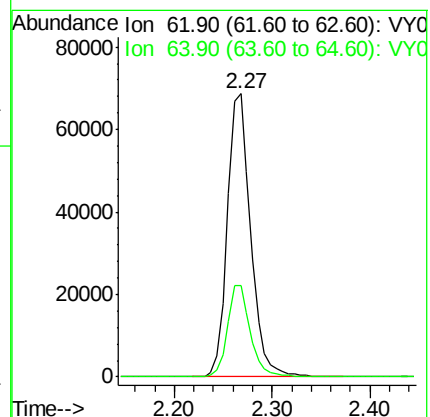
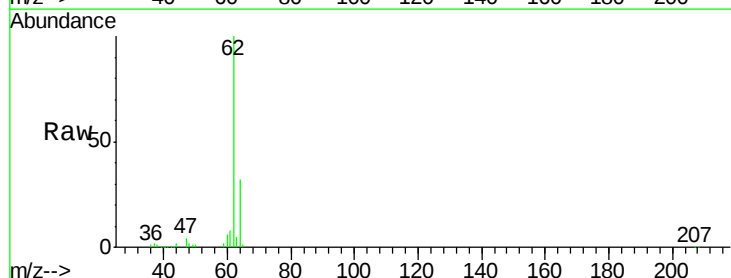
Acq: 02 Mar 2020 10:31

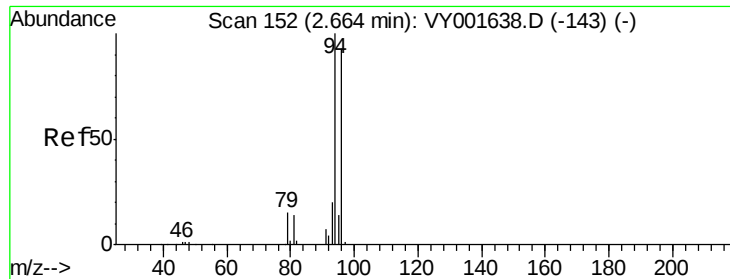
Tgt Ion: 62 Resp: 113524

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3

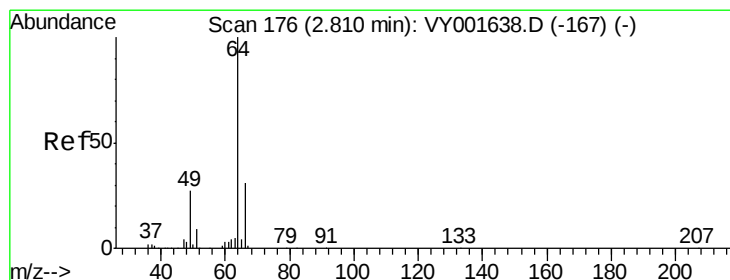
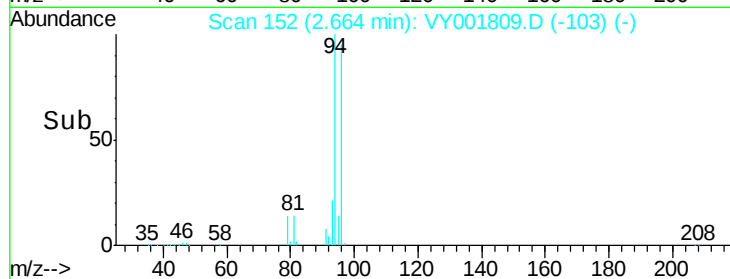
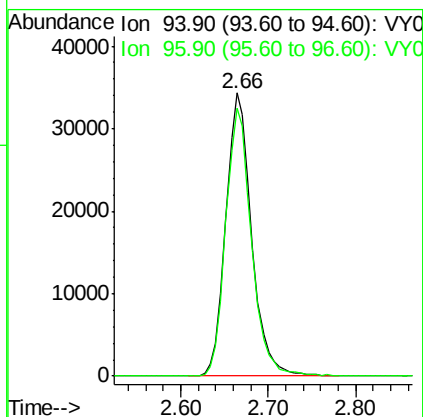
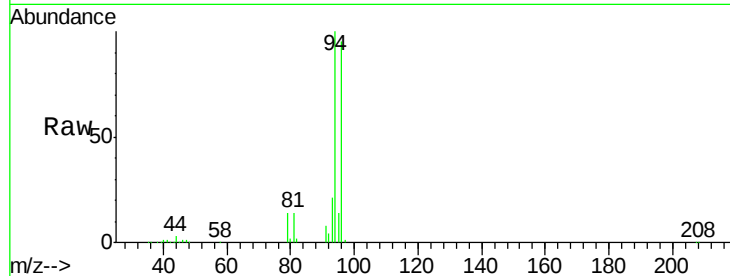




#5
Bromomethane
Concen: 46.22 ug/l
RT: 2.66 min Scan# 152
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

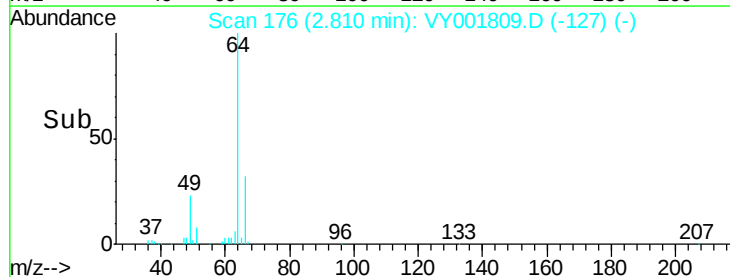
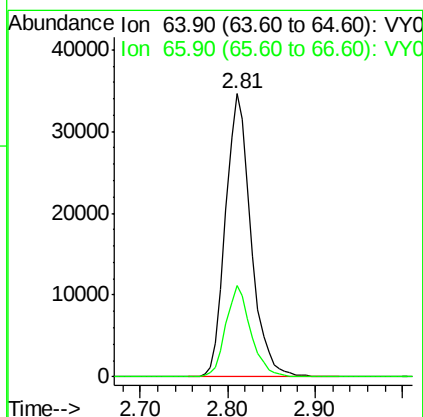
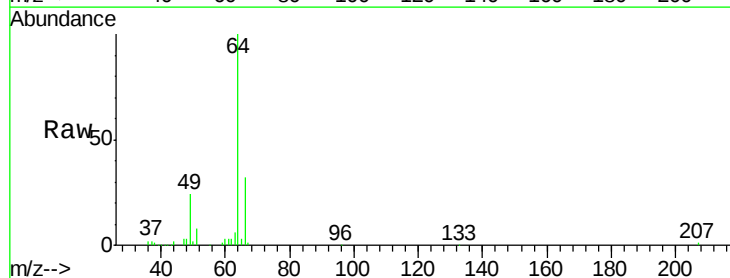
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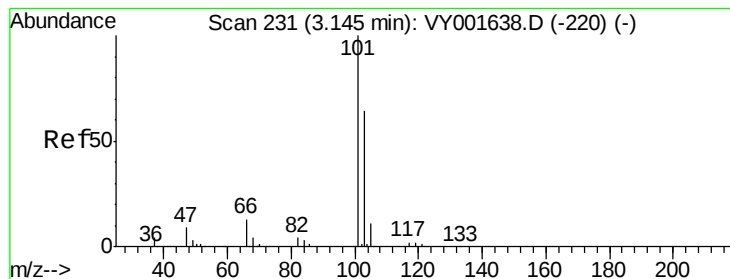
Tgt Ion: 94 Resp: 70368
Ion Ratio Lower Upper
94 100
96 94.8 73.7 110.5



#6
Chloroethane
Concen: 46.62 ug/l
RT: 2.81 min Scan# 176
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 64 Resp: 69982
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3



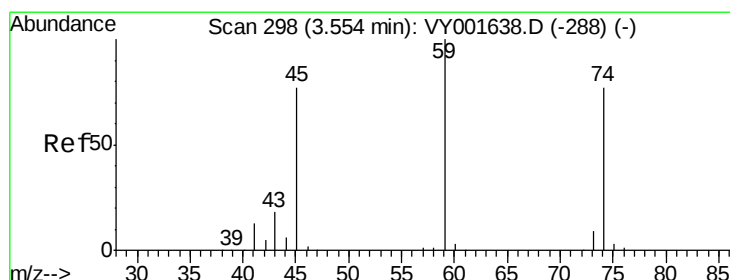
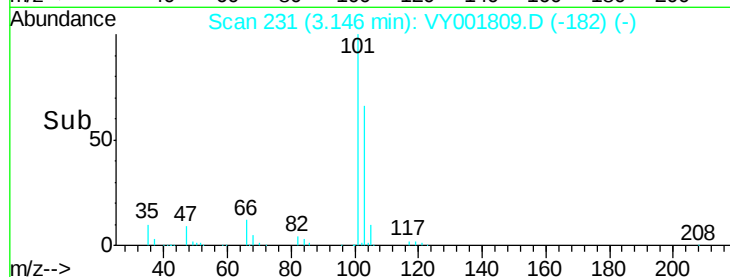
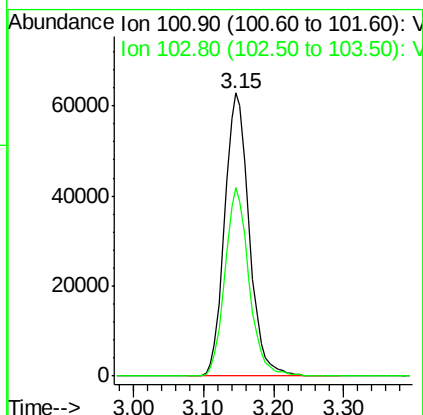
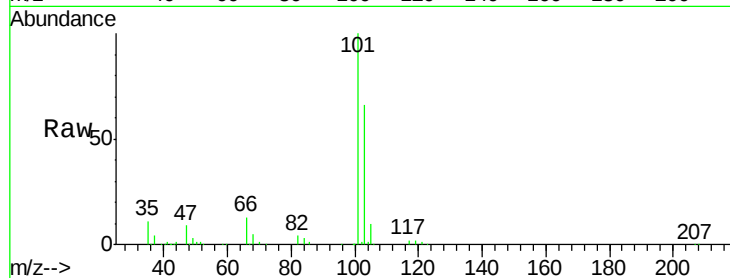


#7

Trichlorofluoromethane
Concen: 49.13 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
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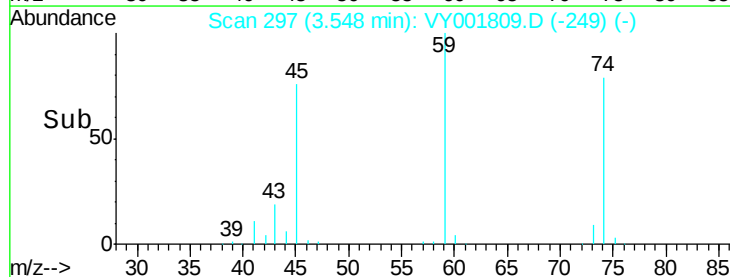
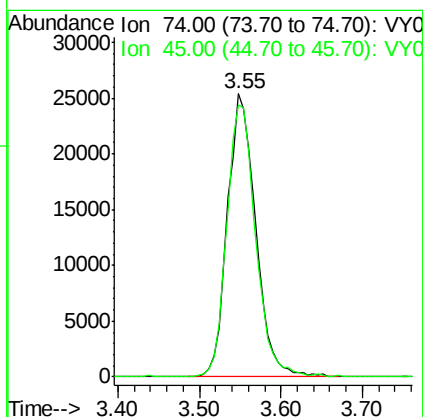
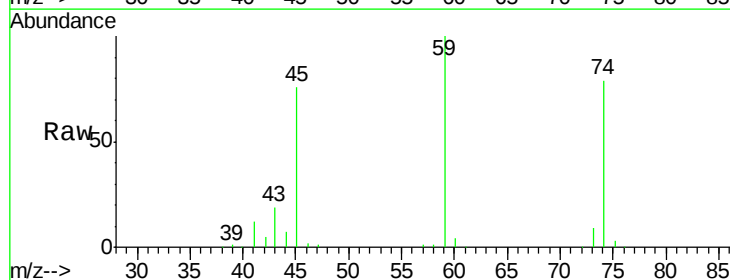
Tgt Ion:101 Resp: 153155
Ion Ratio Lower Upper
101 100
103 66.5 52.2 78.2

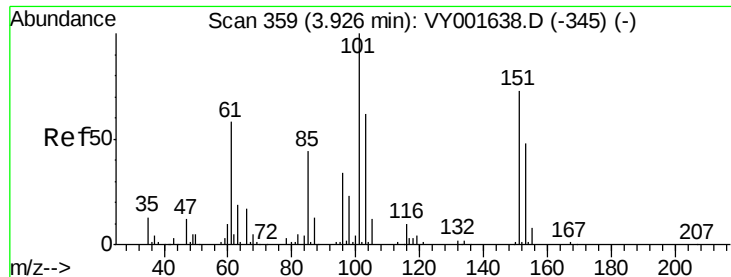


#8

Diethyl Ether
Concen: 49.32 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 74 Resp: 60617
Ion Ratio Lower Upper
74 100
45 98.3 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.78 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

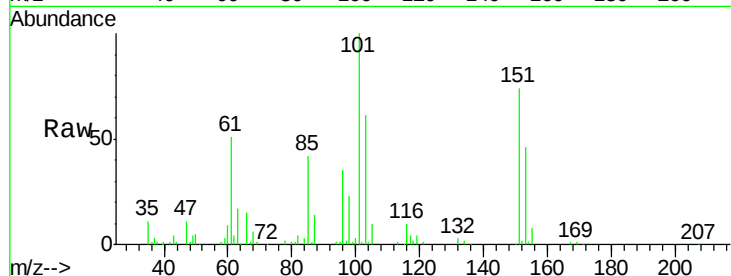
Tgt Ion:101 Resp: 99510

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

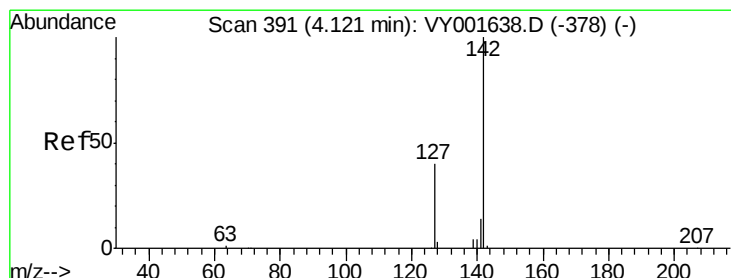
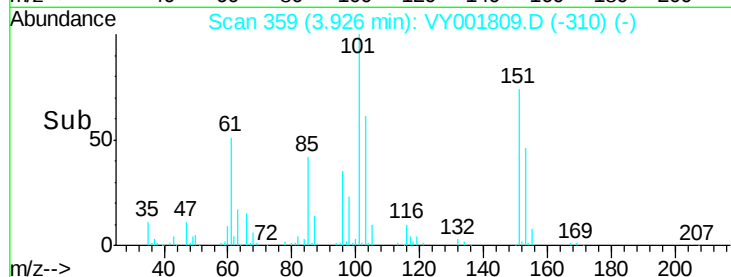
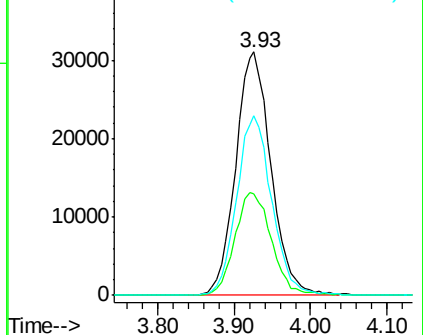
151 73.4 58.4 87.6



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: 49.73 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

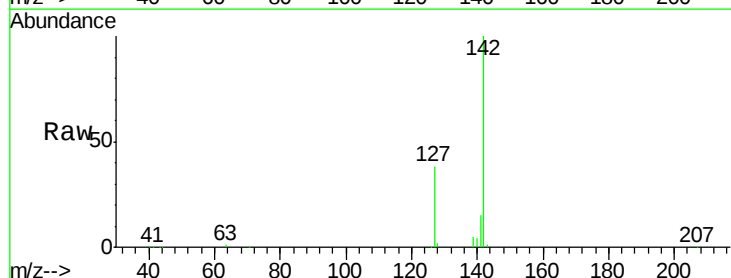
Tgt Ion:142 Resp: 119252

Ion Ratio Lower Upper

142 100

127 40.5 32.1 48.1

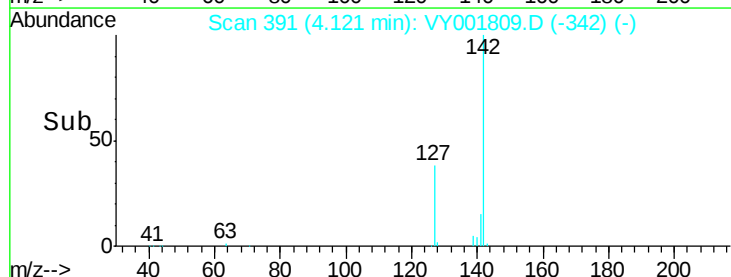
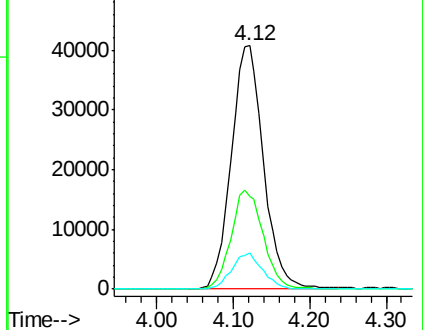
141 14.3 11.3 16.9

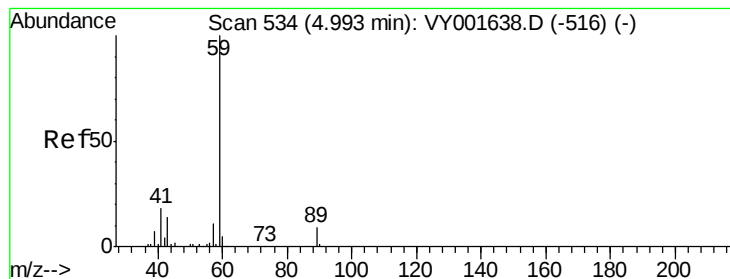


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



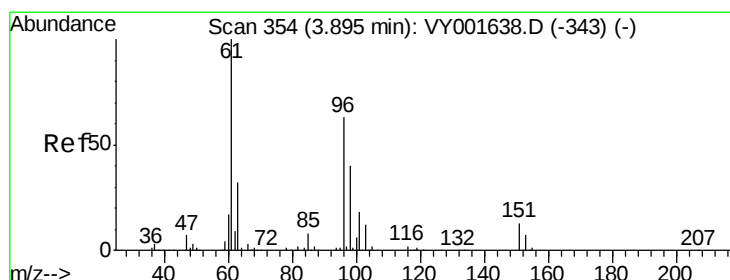
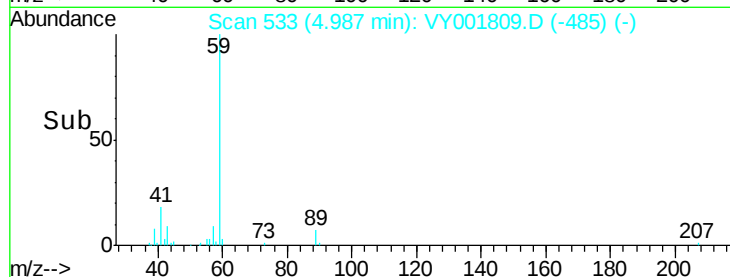
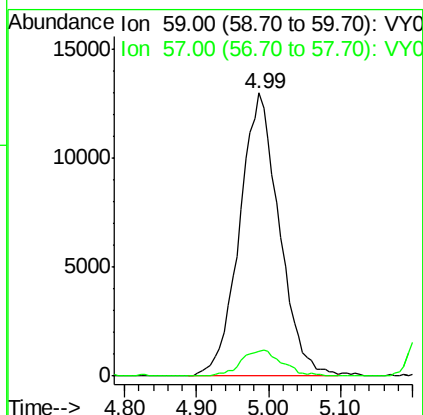
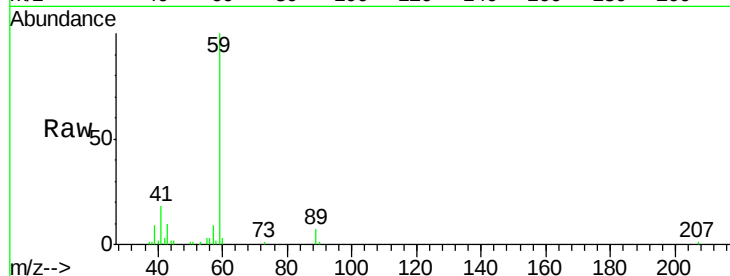


#11

Tert butyl alcohol
 Concen: 213.25 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

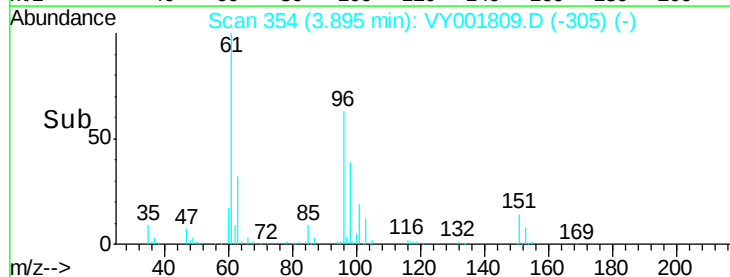
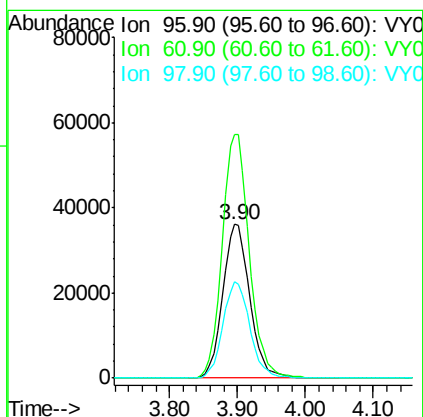
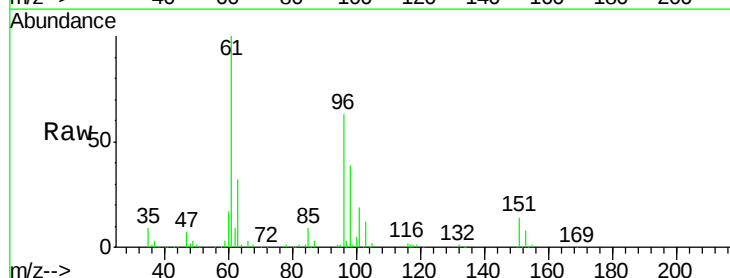
Tgt Ion: 59 Resp: 49803
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.4 11.2

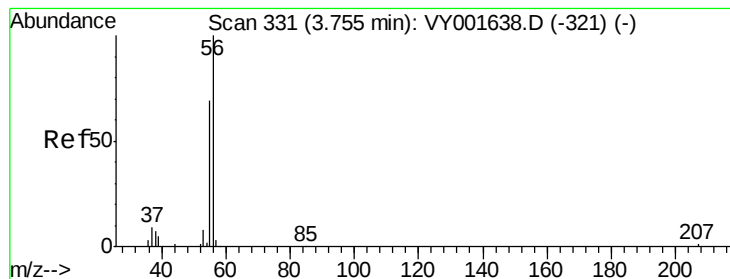


#12

1,1-Dichloroethene
 Concen: 49.57 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 96 Resp: 99062
 Ion Ratio Lower Upper
 96 100
 61 158.2 128.7 193.1
 98 62.4 50.7 76.1





#13

Acrolein

Concen: 270.73 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

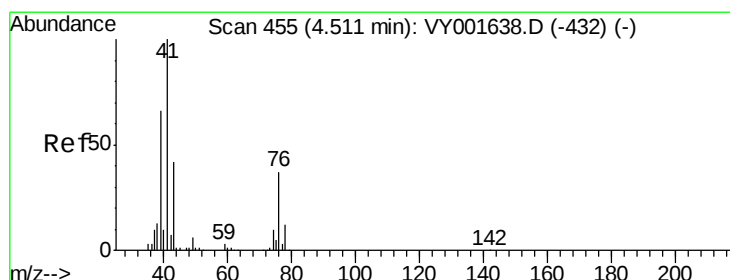
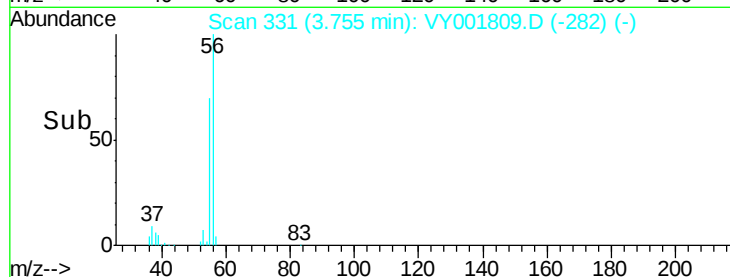
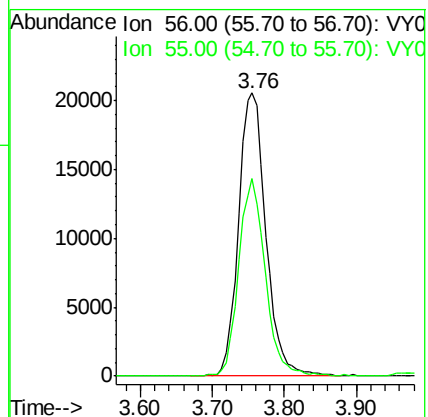
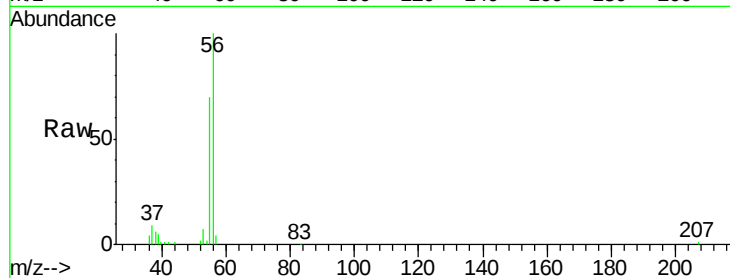
VSTDCCC050

Tgt Ion: 56 Resp: 54174

Ion Ratio Lower Upper

56 100

55 67.8 56.1 84.1



#14

Allyl chloride

Concen: 49.01 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

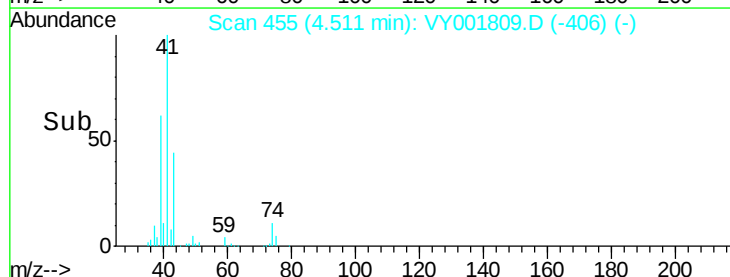
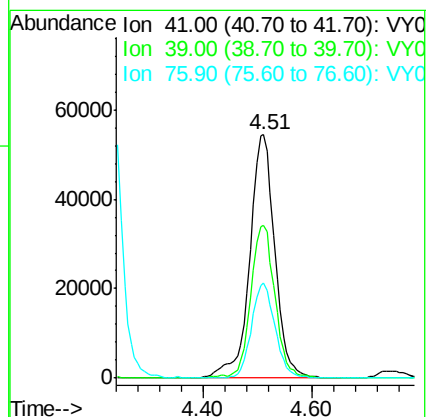
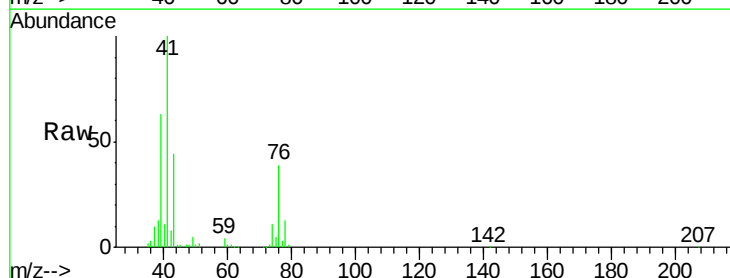
Tgt Ion: 41 Resp: 174310

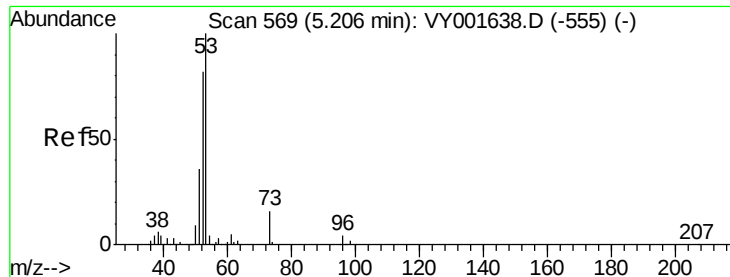
Ion Ratio Lower Upper

41 100

39 61.0 49.4 74.0

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 257.56 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

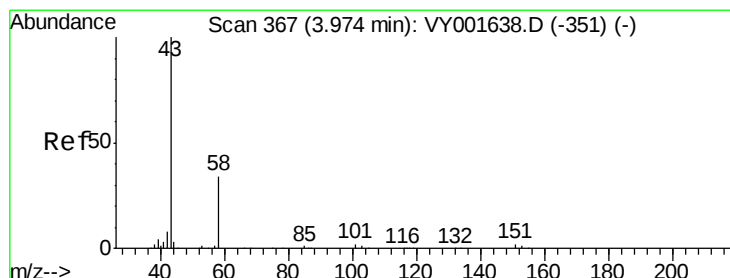
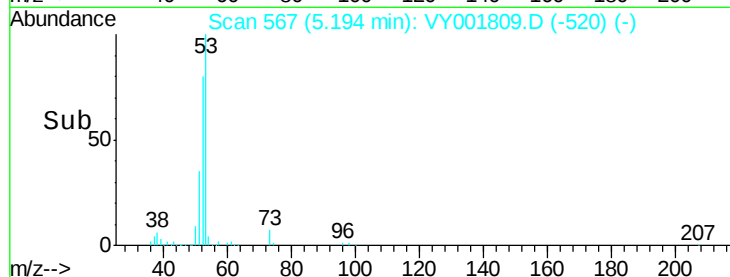
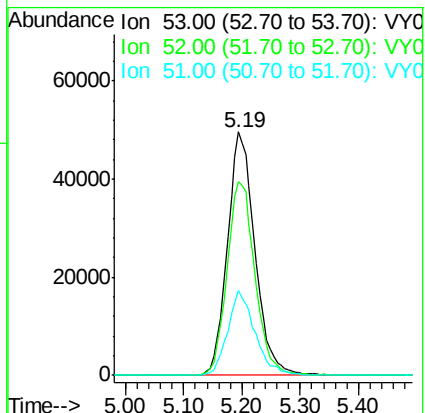
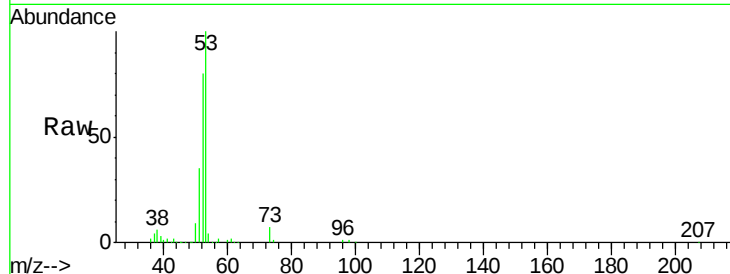
Tgt Ion: 53 Resp: 162252

Ion Ratio Lower Upper

53 100

52 80.8 65.4 98.0

51 34.6 28.0 42.0



#16

Acetone

Concen: 277.18 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001809.D

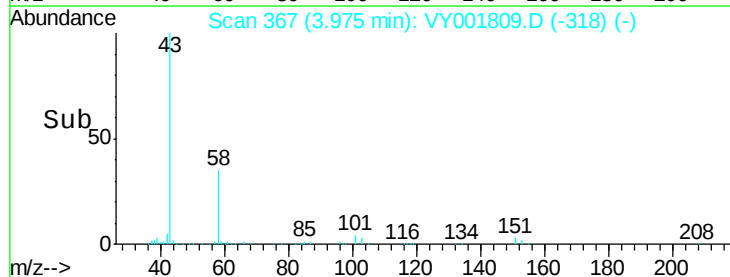
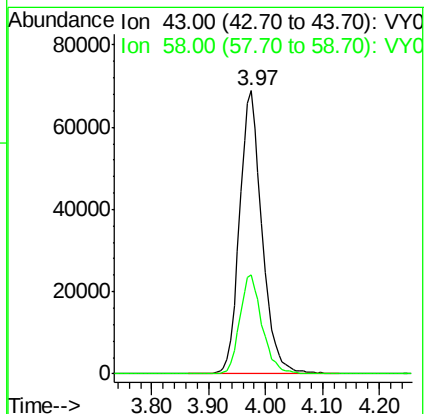
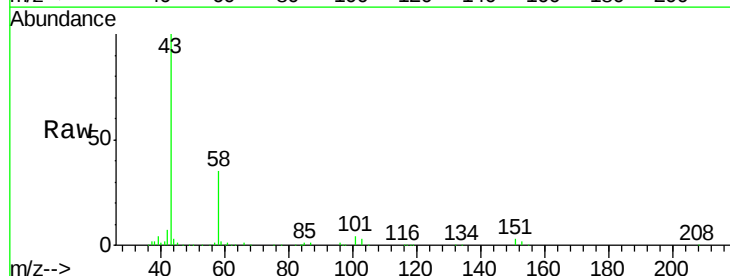
Acq: 02 Mar 2020 10:31

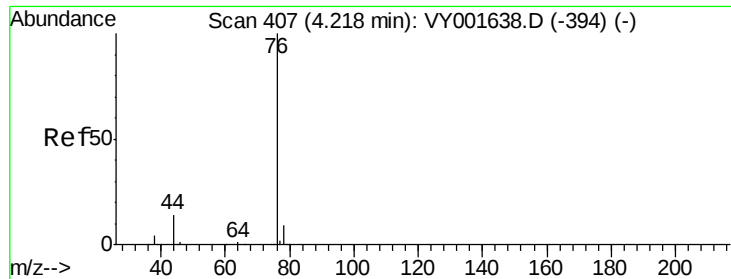
Tgt Ion: 43 Resp: 190024

Ion Ratio Lower Upper

43 100

58 34.9 27.3 40.9

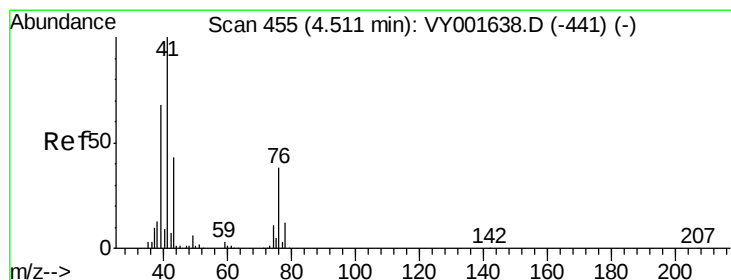
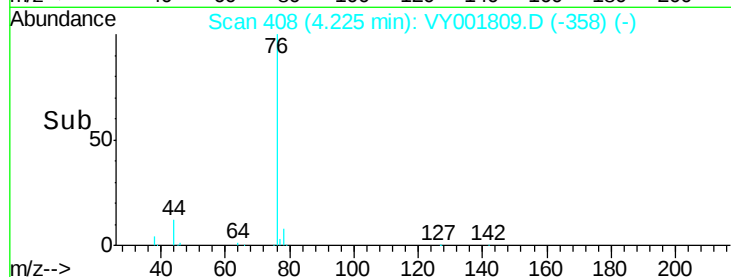
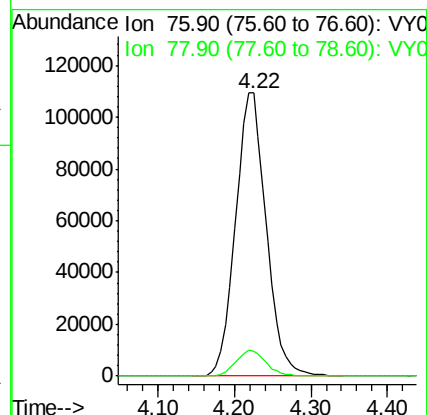
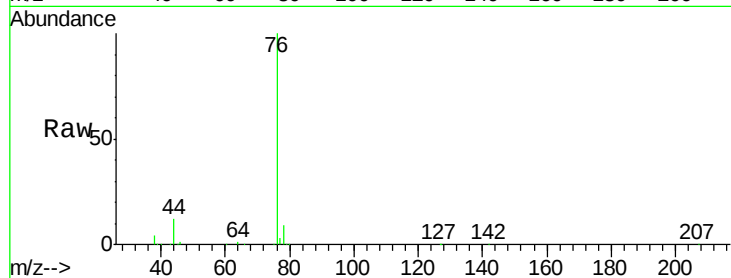




#17
Carbon Disulfide
Concen: 45.50 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

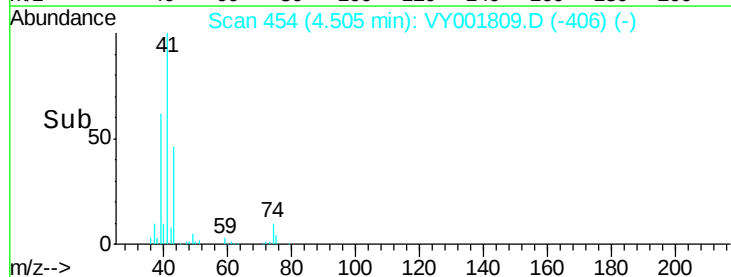
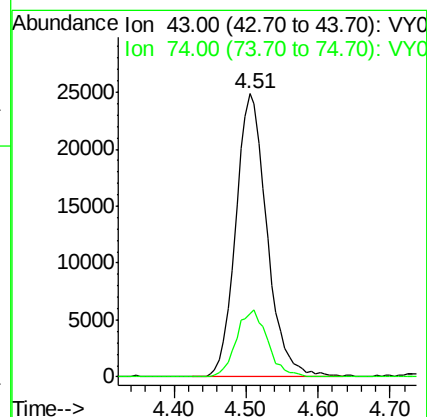
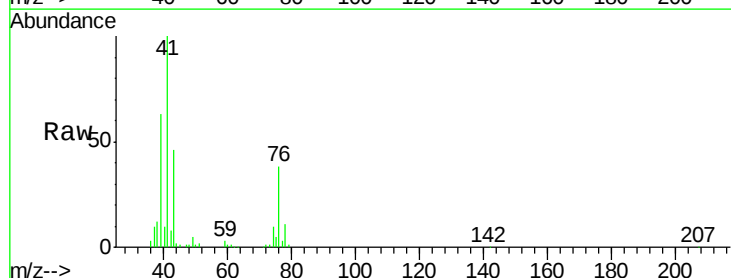
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

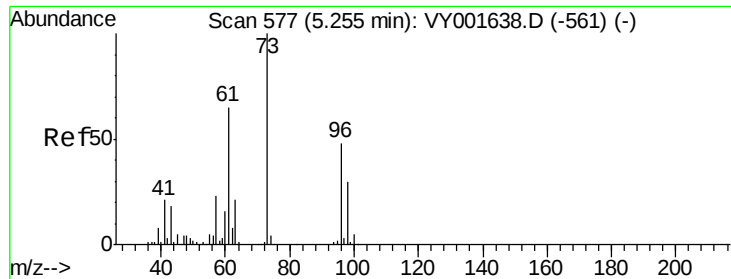
Tgt Ion: 76 Resp: 303577
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 50.04 ug/l
RT: 4.51 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 43 Resp: 74713
Ion Ratio Lower Upper
43 100
74 23.6 19.1 28.7

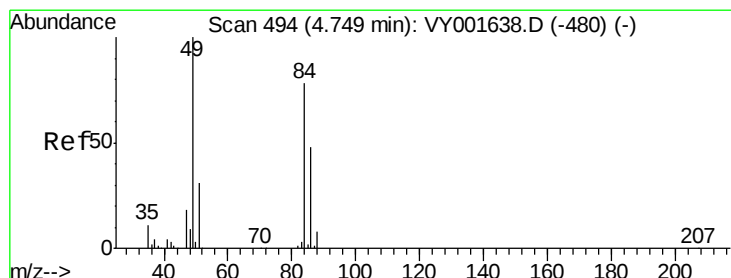
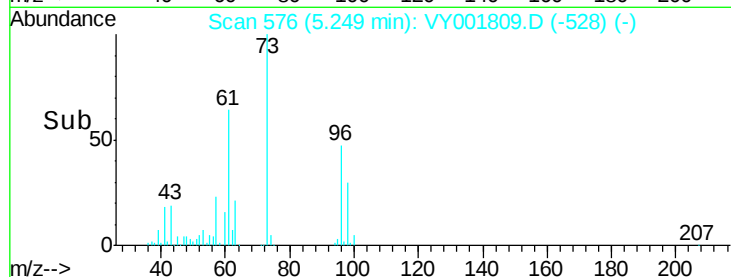
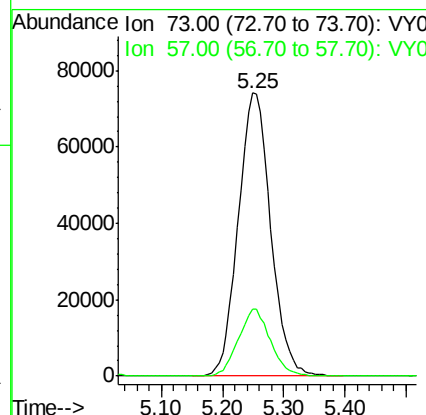
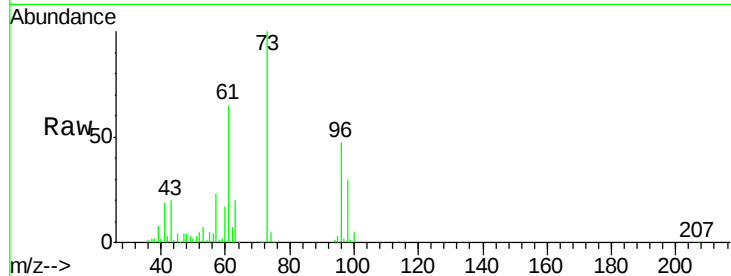




#19
Methyl tert-butyl Ether
Concen: 48.84 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

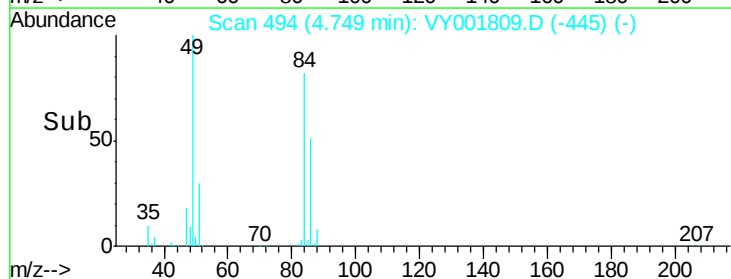
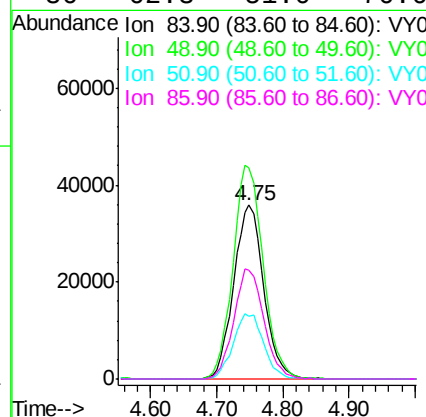
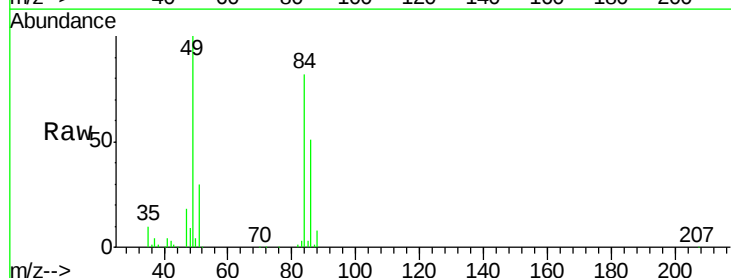
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

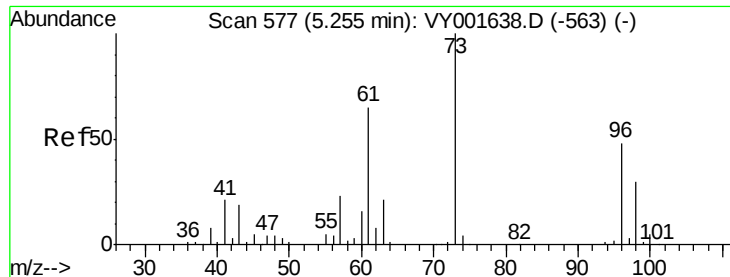
Tgt Ion: 73 Resp: 271769
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.6



#20
Methylene Chloride
Concen: 46.38 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 84 Resp: 112939
Ion Ratio Lower Upper
84 100
49 121.8 99.2 148.8
51 36.5 31.5 47.3
86 62.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.71 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

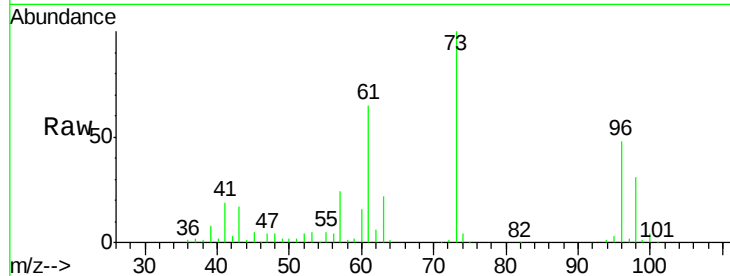
Tgt Ion: 96 Resp: 111067

Ion Ratio Lower Upper

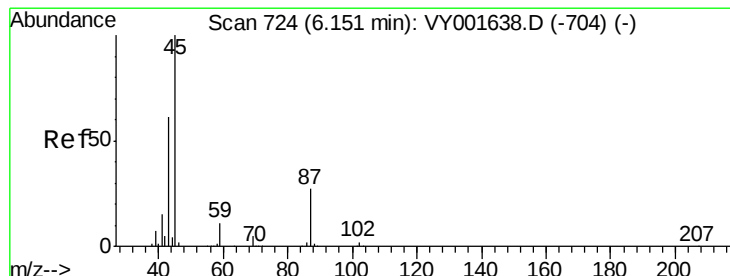
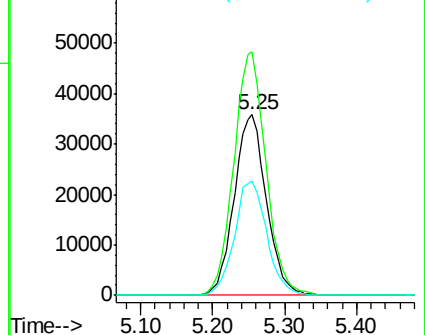
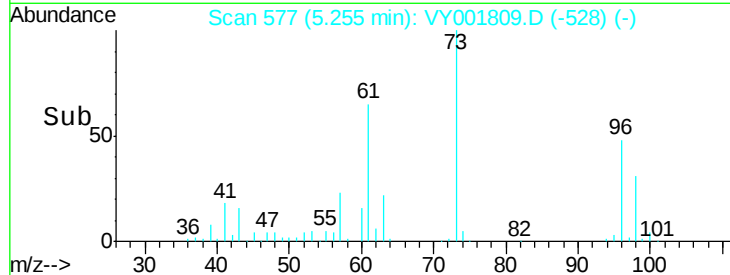
96 100

61 134.9 107.9 161.9

98 63.4 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001809.D (-528) (-)



#22

Diisopropyl ether

Concen: 48.48 ug/l

RT: 6.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Tgt Ion: 45 Resp: 354111

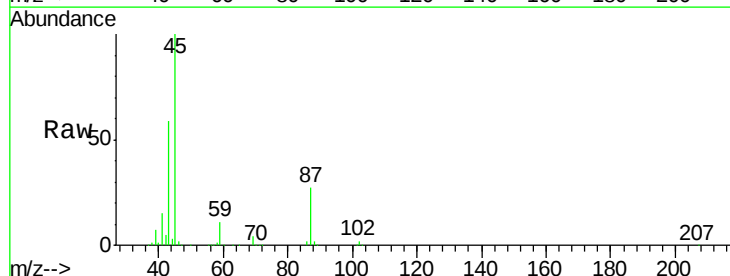
Ion Ratio Lower Upper

45 100

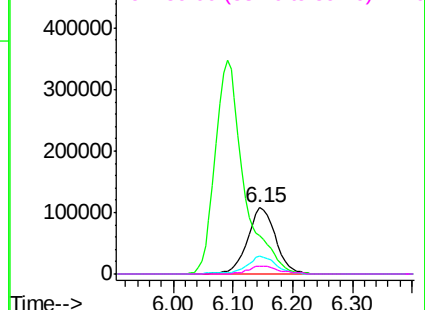
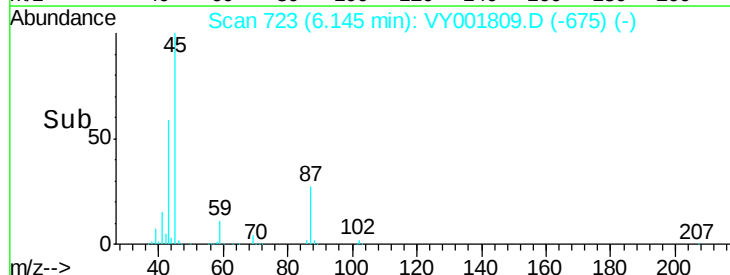
43 58.3 46.4 69.6

87 26.7 22.1 33.1

59 11.0 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY001809.D (-675) (-)





#23

Vinyl Acetate

Concen: 243.05 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

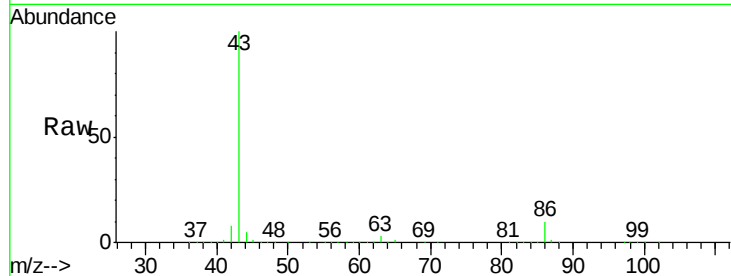
VSTDCCC050

Tgt Ion: 43 Resp: 1158062

Ion Ratio Lower Upper

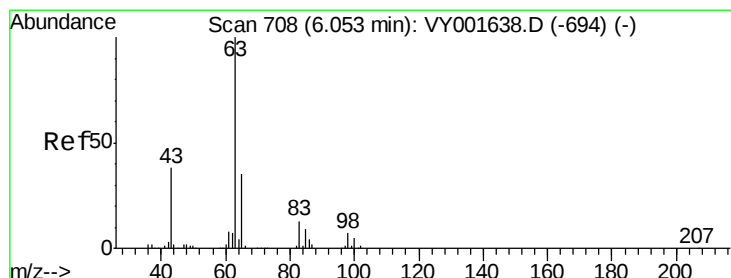
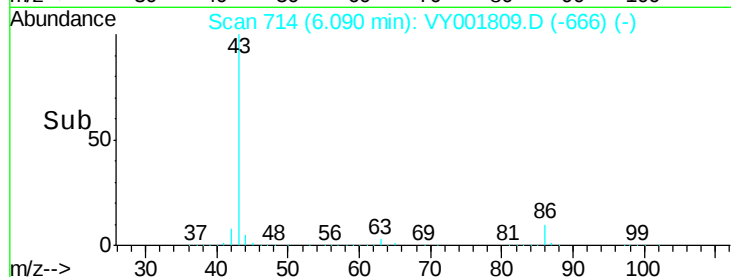
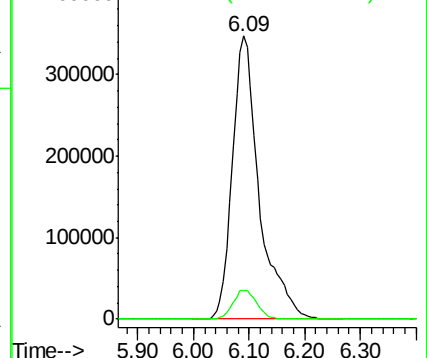
43 100

86 10.3 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.08 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

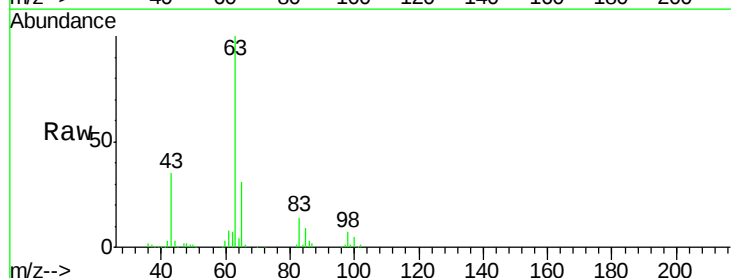
Tgt Ion: 63 Resp: 195518

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

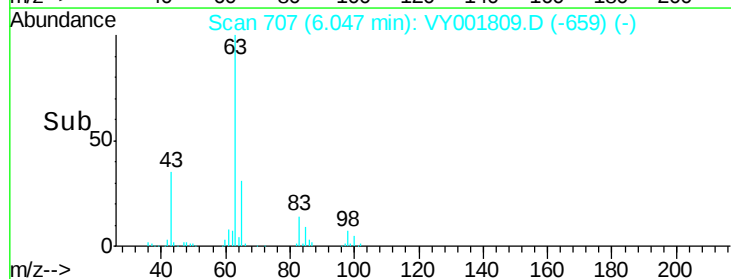
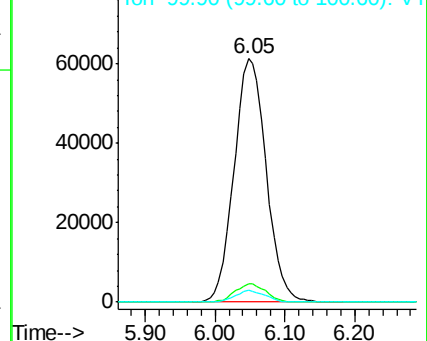
100 4.6 2.3 6.9

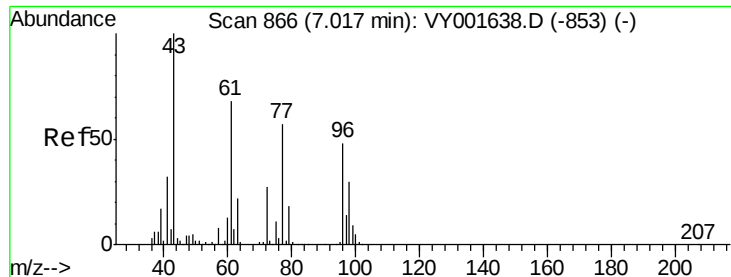


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

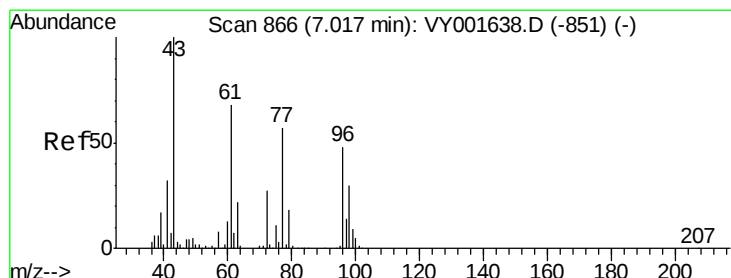
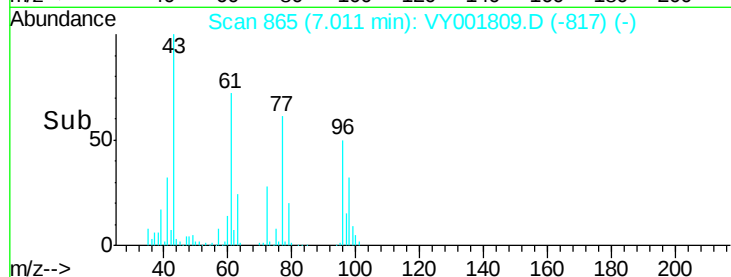
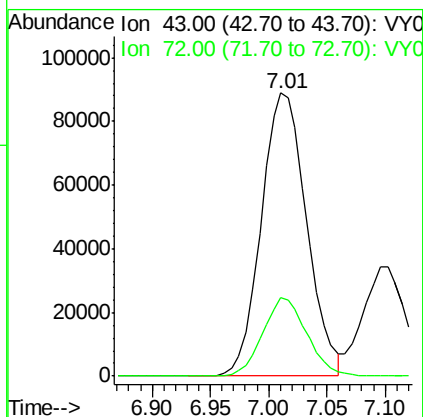
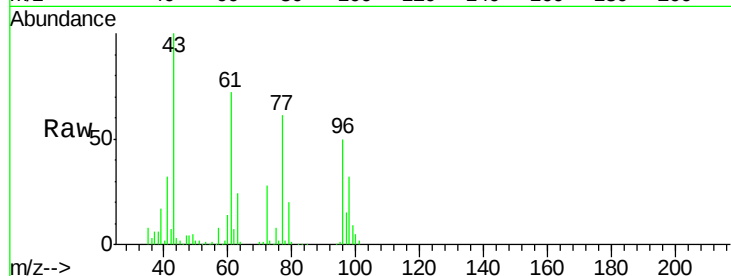




#25
2-Butanone
Concen: 257.61 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

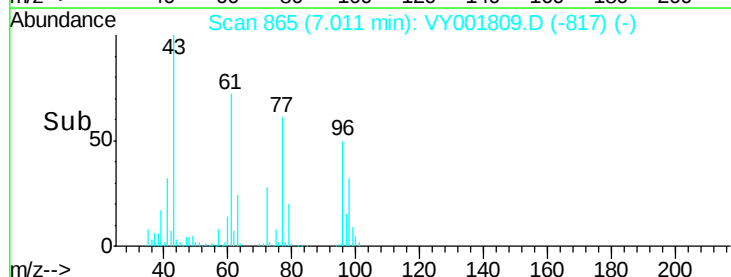
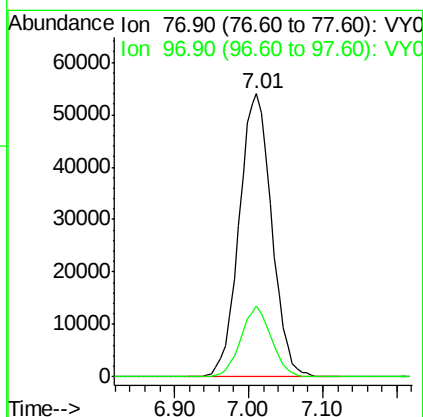
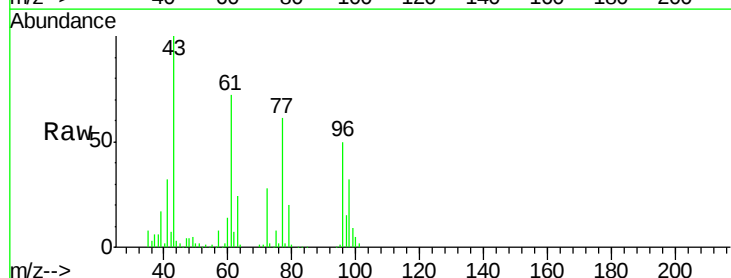
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

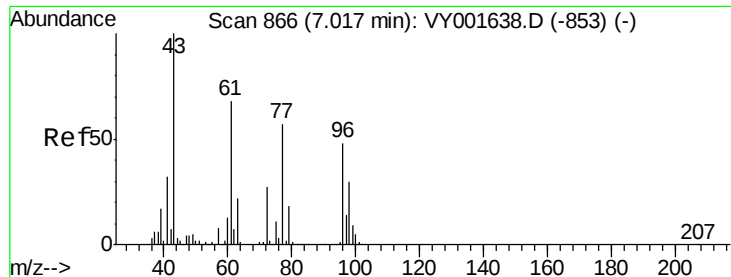
Tgt Ion: 43 Resp: 239912
Ion Ratio Lower Upper
43 100
72 27.8 21.2 31.8



#26
2,2-Dichloropropane
Concen: 48.60 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 77 Resp: 165084
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4



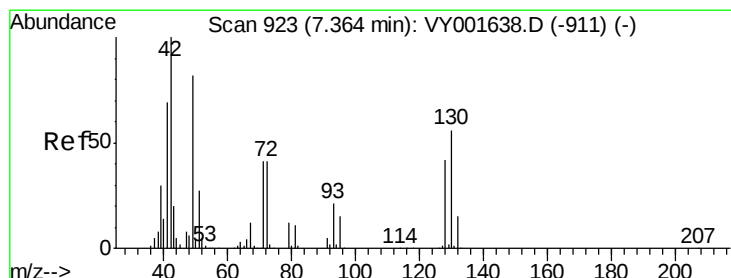
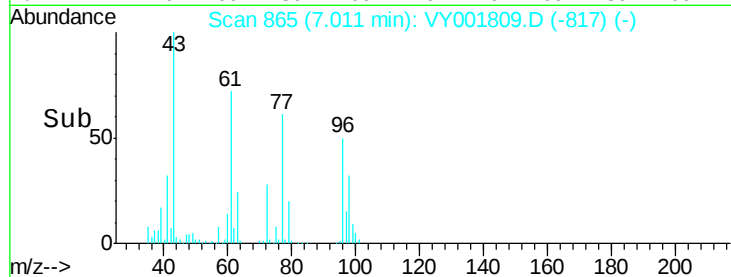
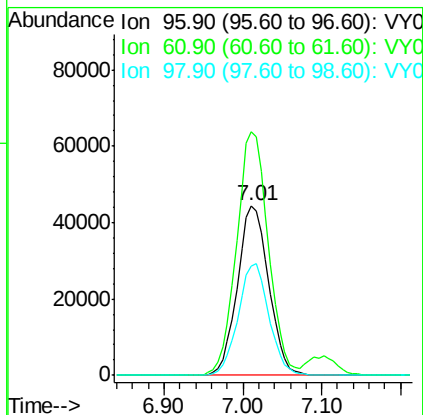
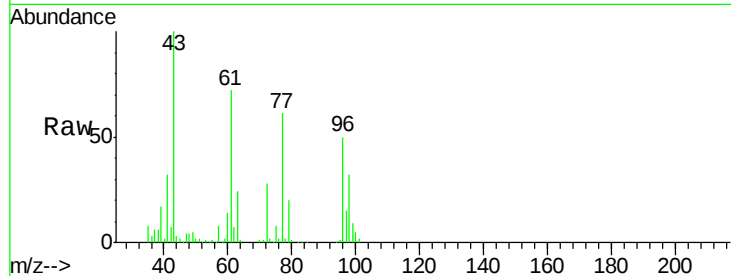


#27

cis-1,2-Dichloroethene
Concen: 48.63 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

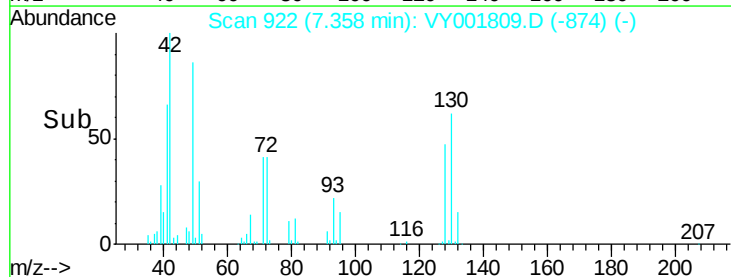
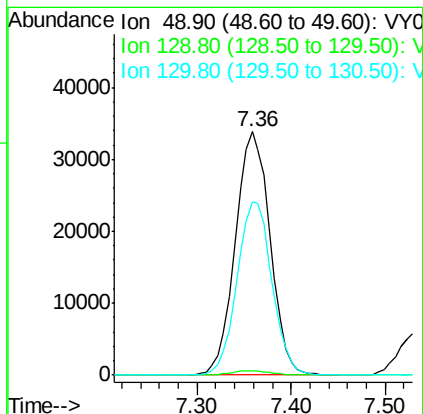
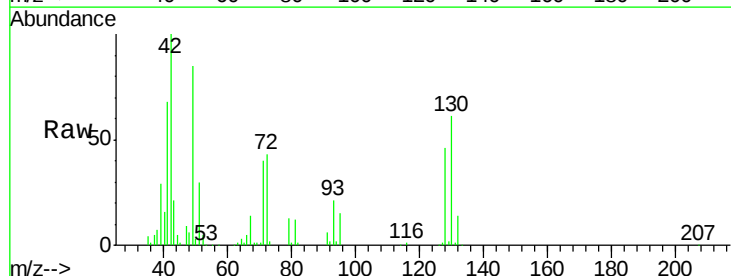
Tgt Ion	Resp	Lower	Upper
96	122395		
96	100		
61	145.8	0.0	290.8
98	65.0	0.0	128.6

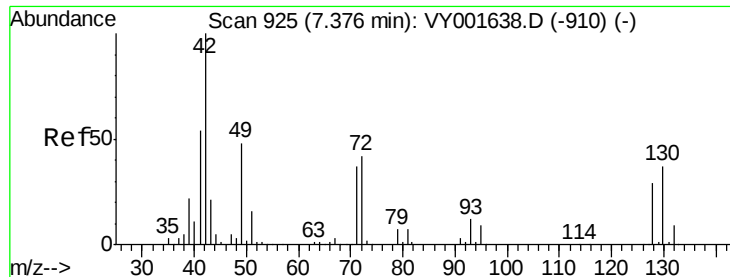


#28

Bromochloromethane
Concen: 53.62 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Resp	Lower	Upper
49	87203		
49	100		
129	2.0	0.0	3.6
130	71.5	56.2	84.4

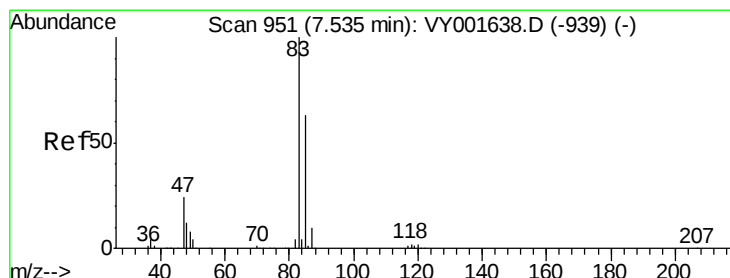
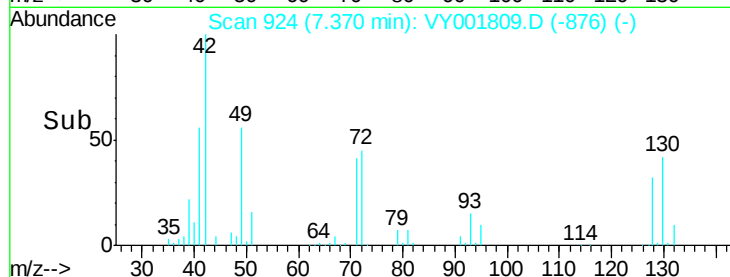
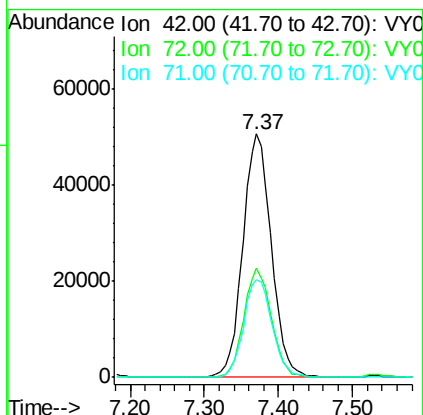
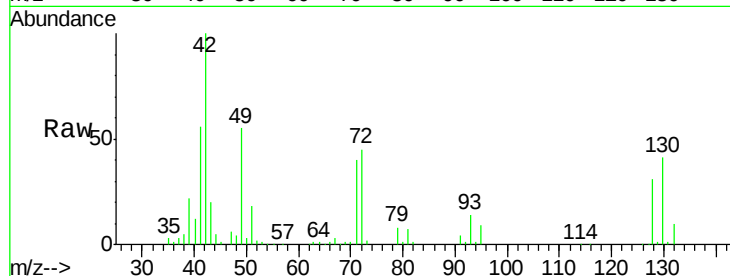




#29
Tetrahydrofuran
Concen: 242.14 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

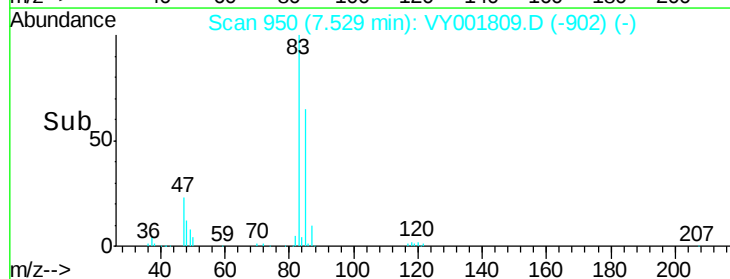
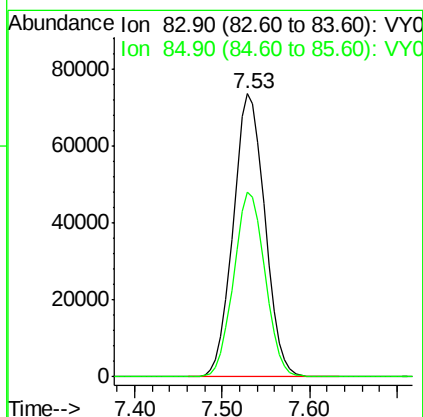
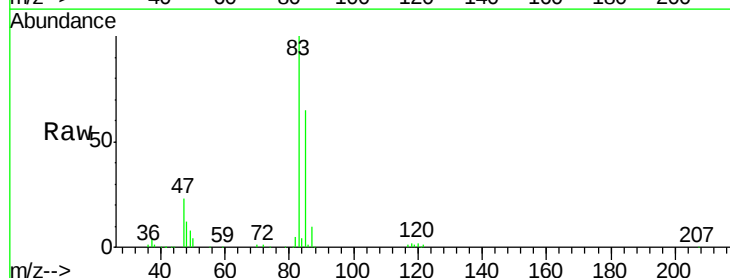
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

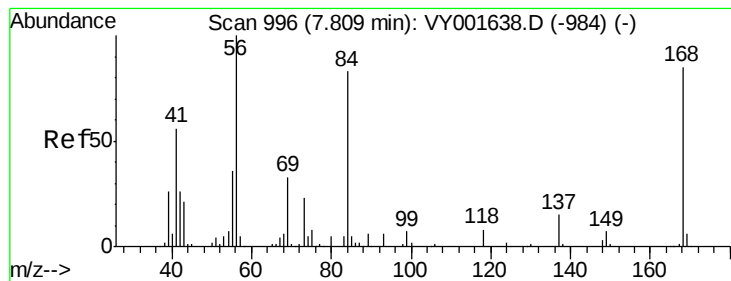
Tgt Ion: 42 Resp: 136299
Ion Ratio Lower Upper
42 100
72 43.2 34.4 51.6
71 40.1 31.8 47.8



#30
Chloroform
Concen: 48.53 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 83 Resp: 185123
Ion Ratio Lower Upper
83 100
85 65.5 51.6 77.4





#31

Cyclohexane

Concen: 45.98 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

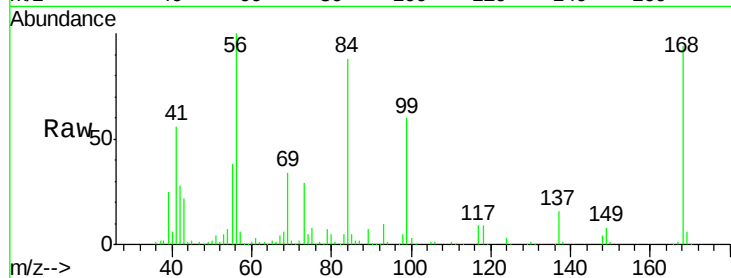
Tgt Ion: 56 Resp: 191404

Ion Ratio Lower Upper

56 100

69 34.2 25.1 37.7

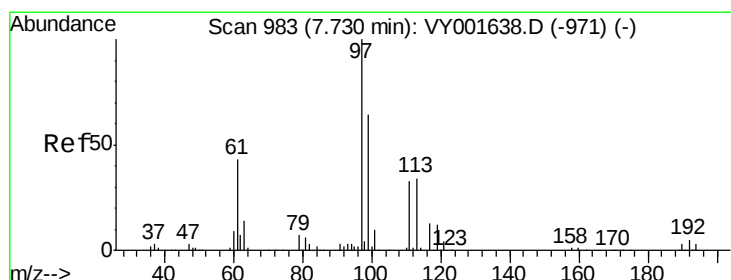
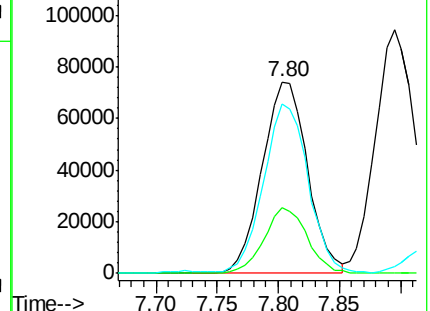
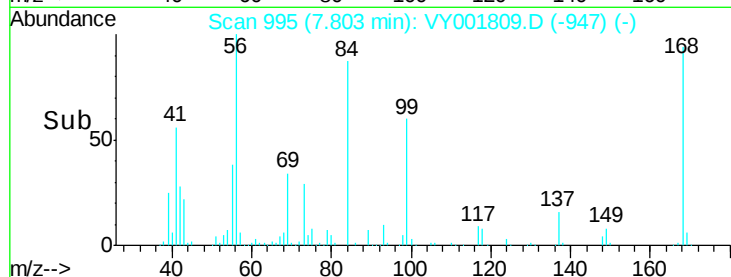
84 87.2 66.9 100.3



Abundance Ion 56.00 (55.70 to 56.70): VY001809.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001809.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001809.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 49.58 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

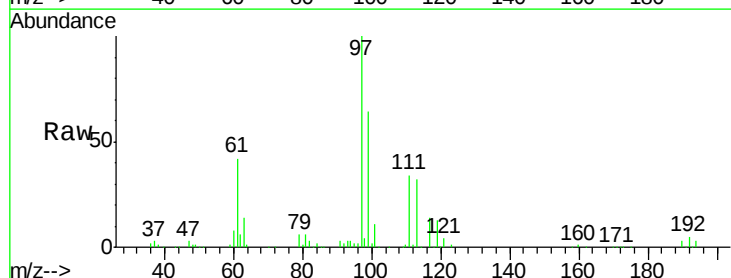
Tgt Ion: 97 Resp: 158969

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

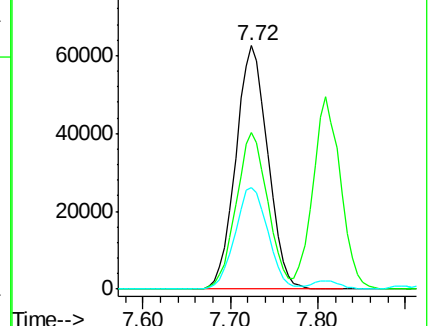
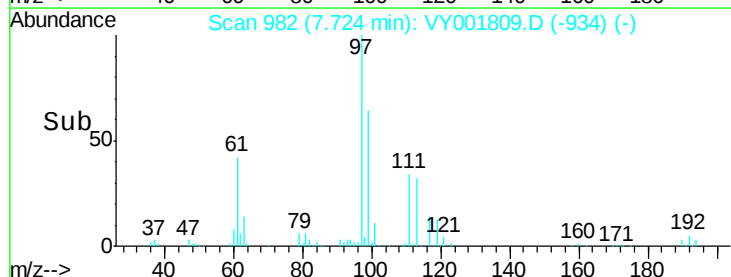
61 42.9 35.0 52.6

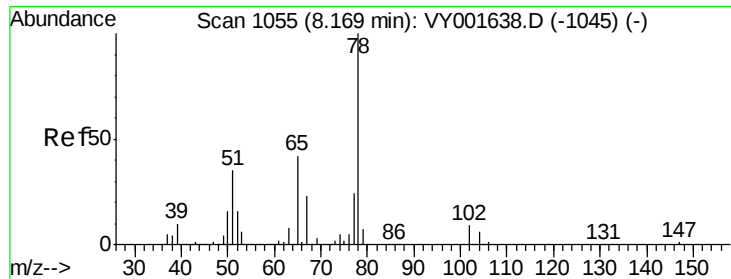


Abundance Ion 96.90 (96.60 to 97.60): VY001809.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001809.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001809.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

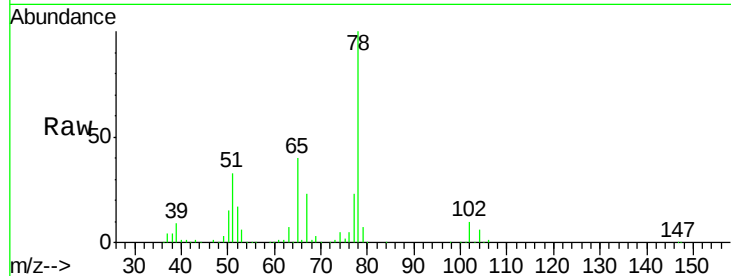
VSTDCCC050

Tgt Ion: 65 Resp: 90525

Ion Ratio Lower Upper

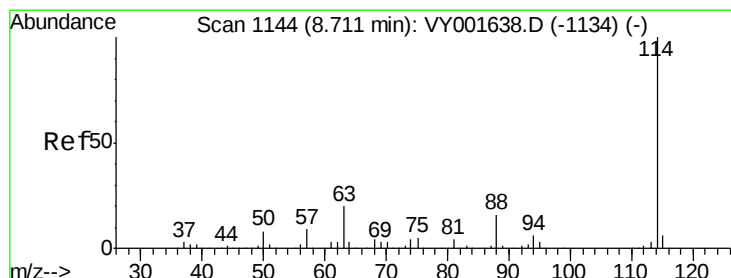
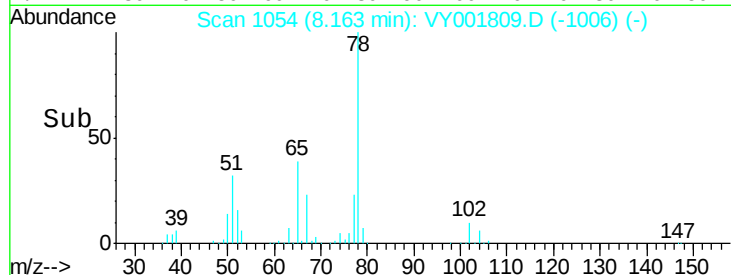
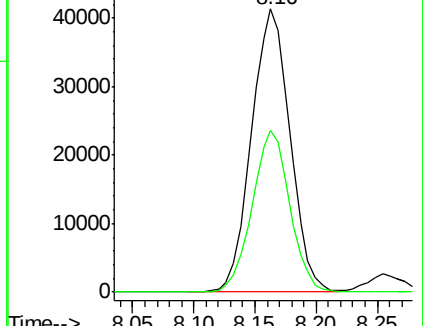
65 100

67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001809.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001809.D (-1045) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

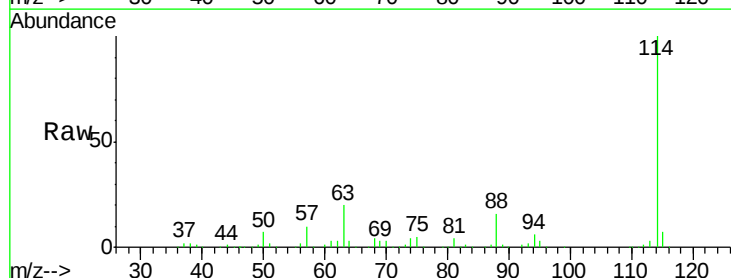
Tgt Ion: 114 Resp: 330052

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

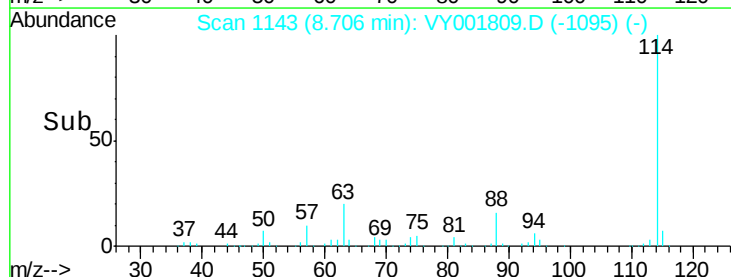
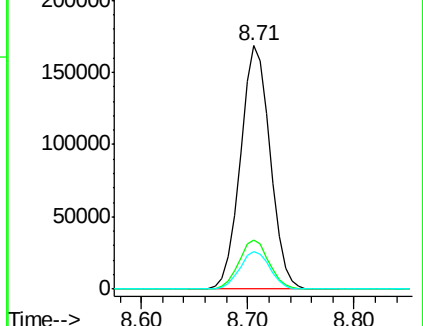
88 15.6 0.0 32.8

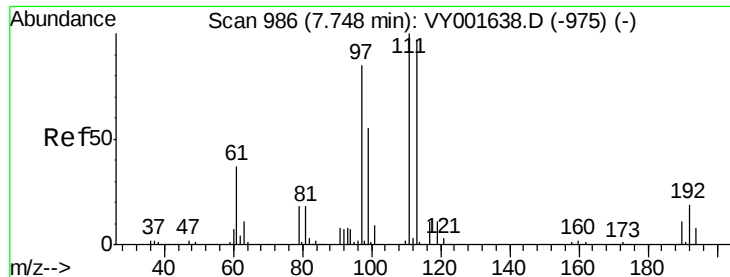


Abundance Ion 113.90 (113.60 to 114.60): VY001809.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001809.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001809.D (-1095) (-)

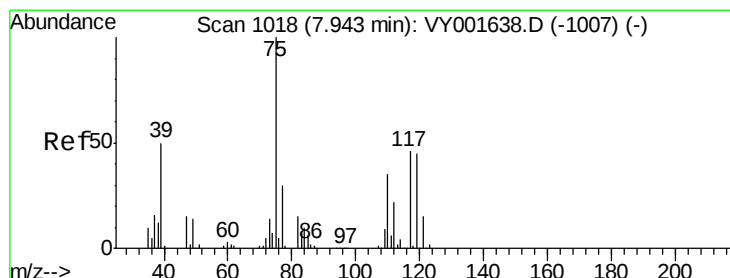
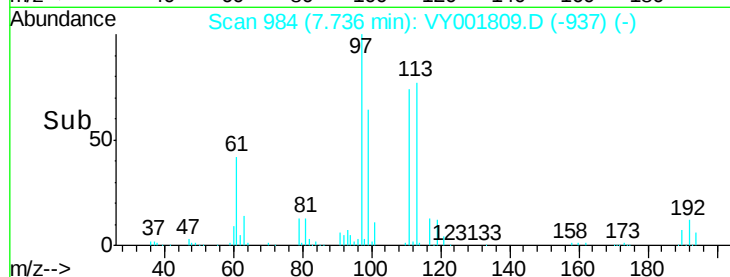
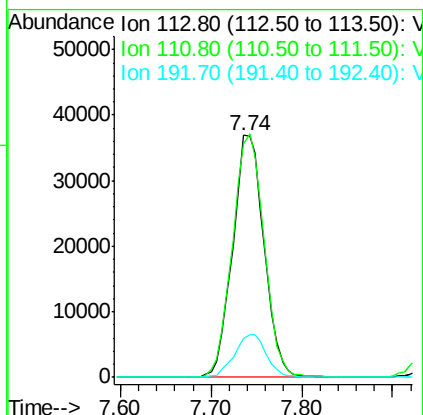
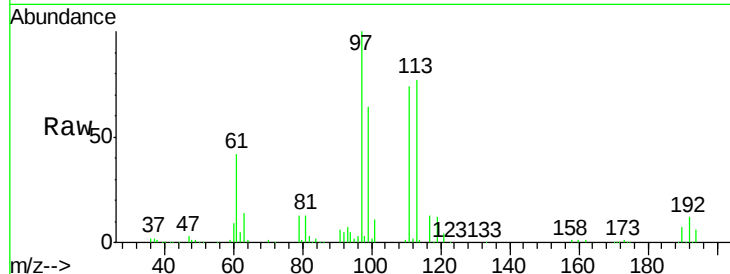




#35
 Dibromofluoromethane
 Concen: 46.87 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

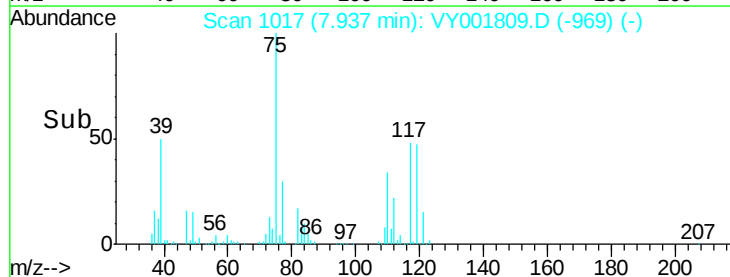
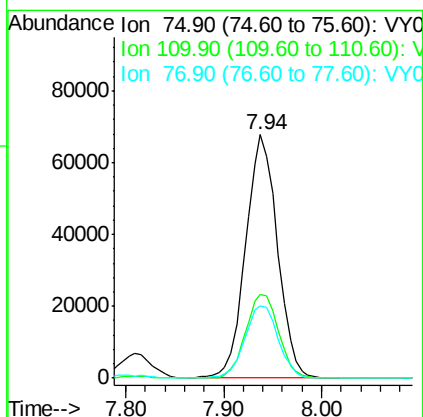
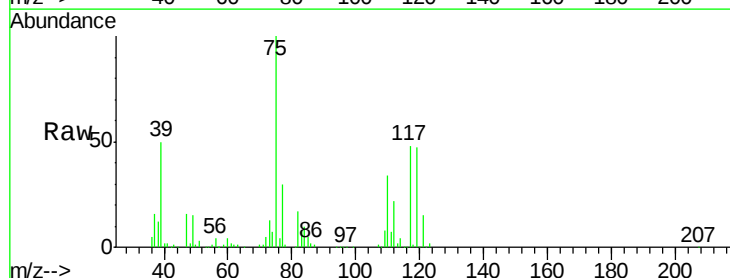
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

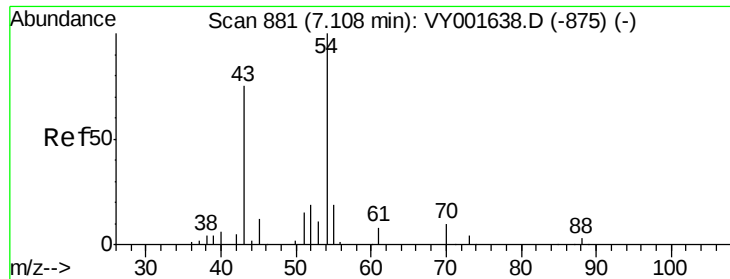
Tgt Ion:113 Resp: 88598
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 17.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 48.40 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 75 Resp: 152586
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.2 51.6
 77 31.4 24.8 37.2

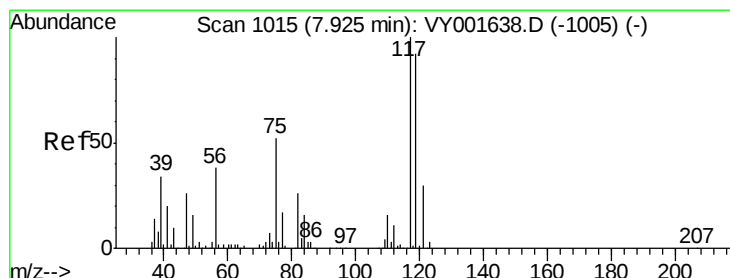
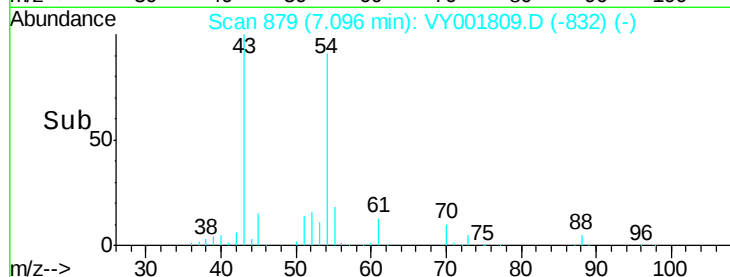
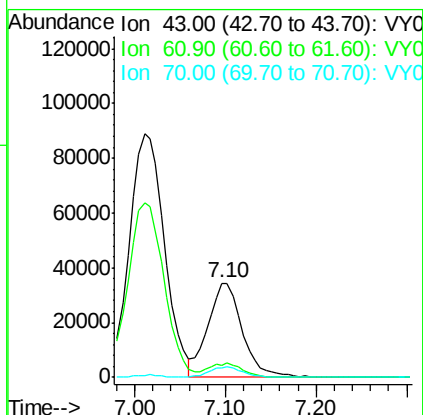
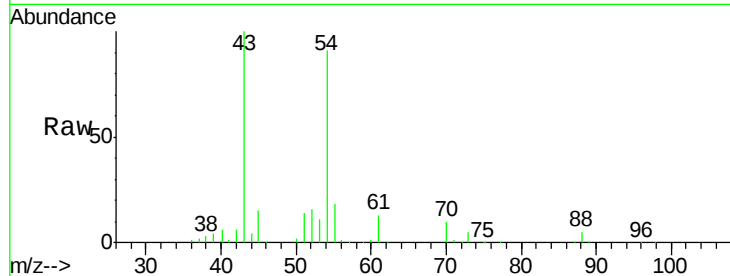




#37
Ethyl Acetate
Concen: 48.50 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

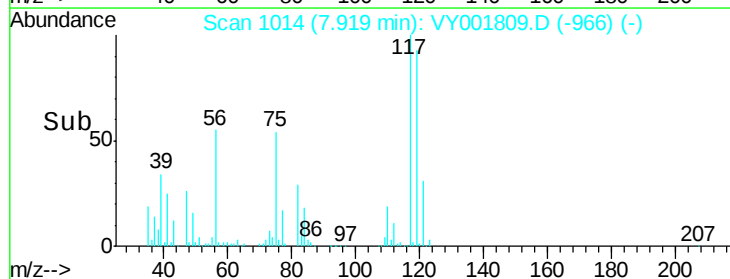
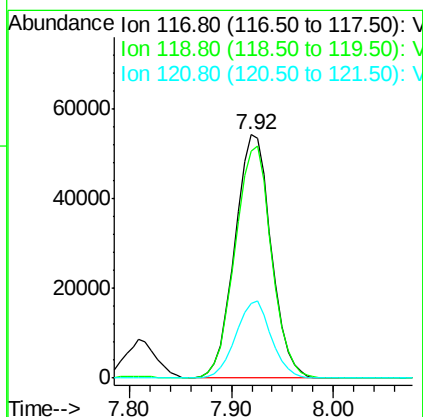
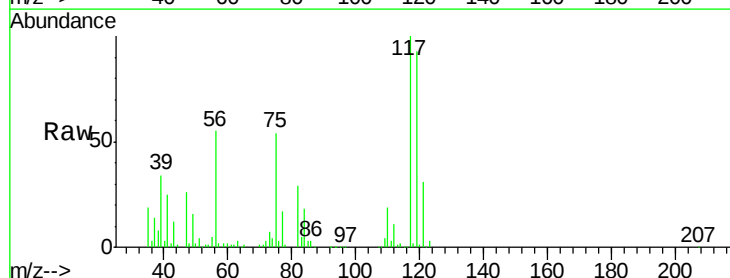
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

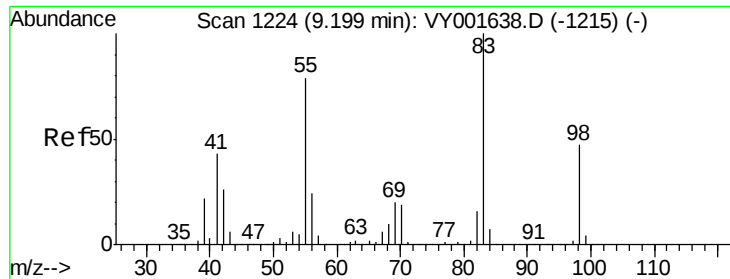
Tgt Ion: 43 Resp: 91257
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.6
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.40 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 117 Resp: 134035
Ion Ratio Lower Upper
117 100
119 93.1 74.8 112.2
121 30.9 23.8 35.6

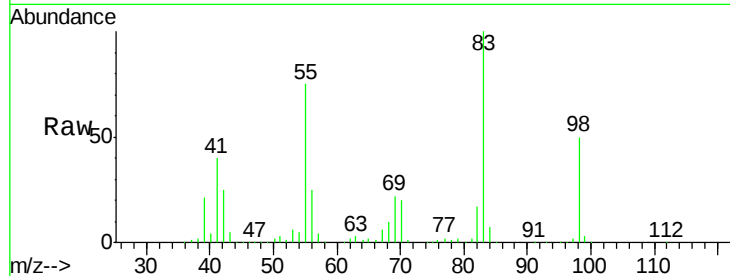




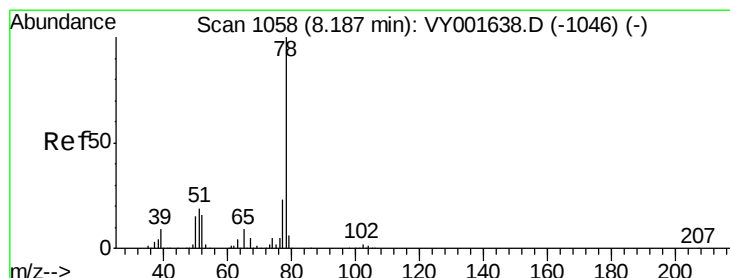
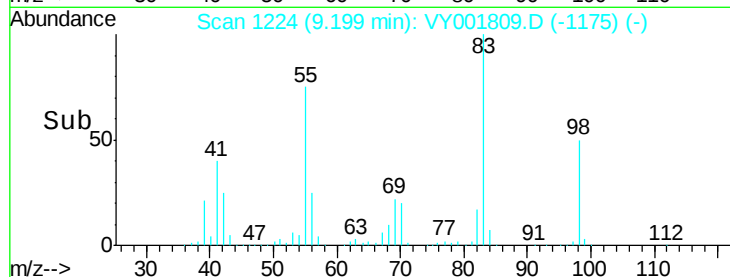
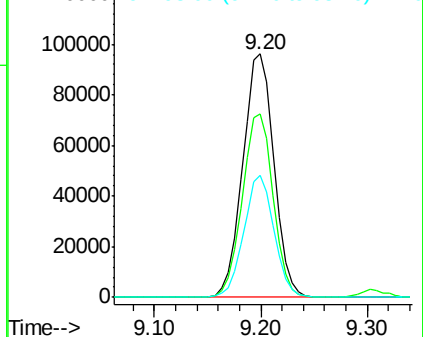
#39
Methylcyclohexane
Concen: 47.34 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 198009
Ion Ratio Lower Upper
83 100
55 75.1 61.3 91.9
98 49.9 38.0 57.0

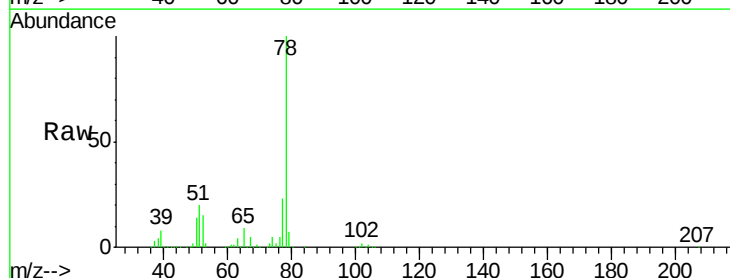


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

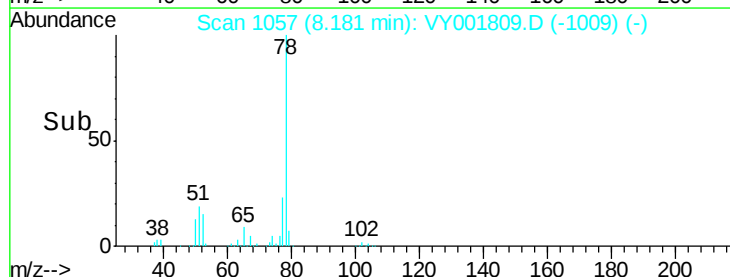
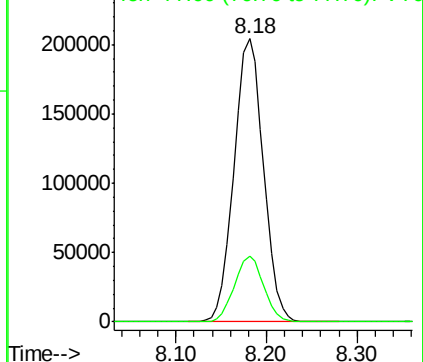


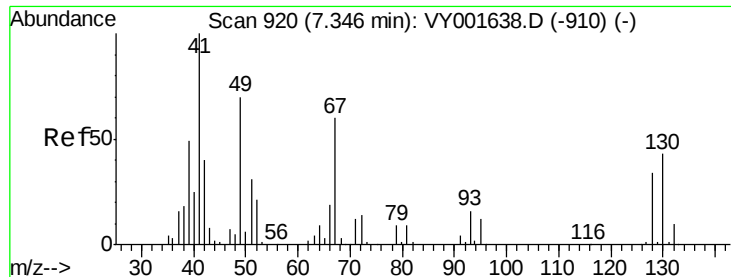
#40
Benzene
Concen: 49.45 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 78 Resp: 458506
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



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





#41

Methacrylonitrile

Concen: 127.79 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 120735

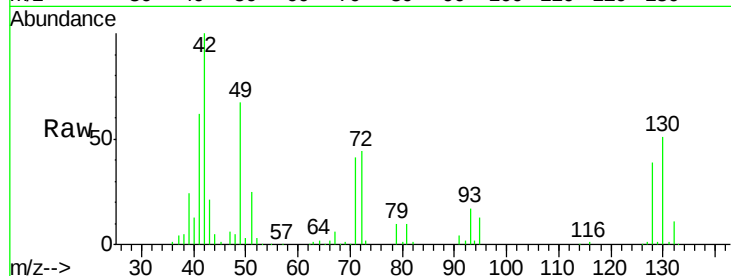
Ion Ratio Lower Upper

41 100

39 0.0 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

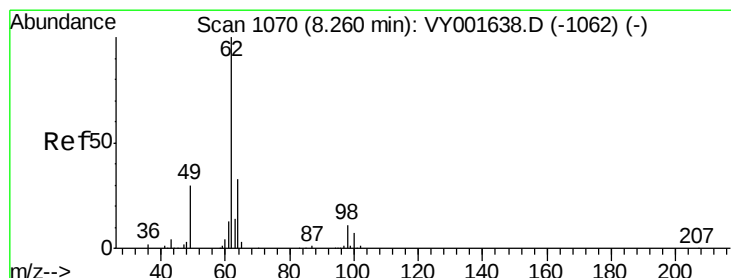
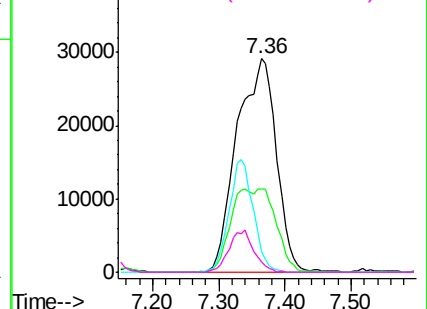
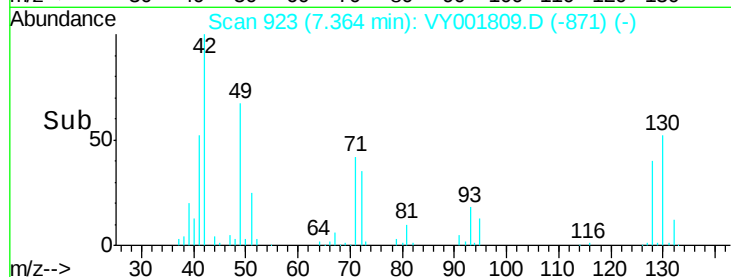


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 46.04 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001809.D

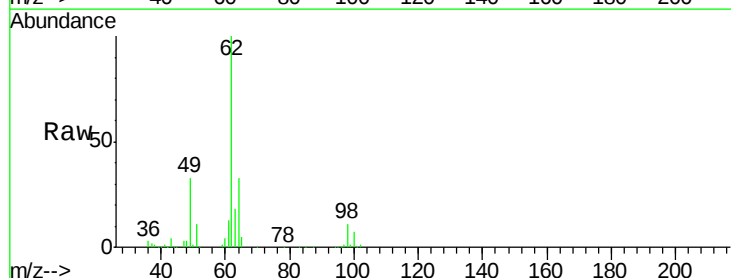
Acq: 02 Mar 2020 10:31

Tgt Ion: 62 Resp: 116286

Ion Ratio Lower Upper

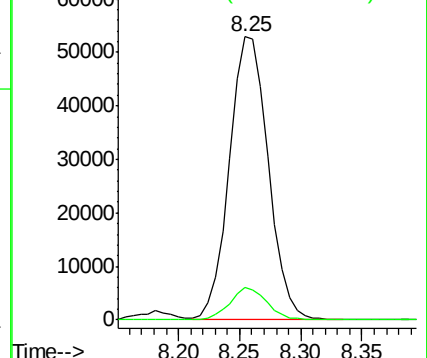
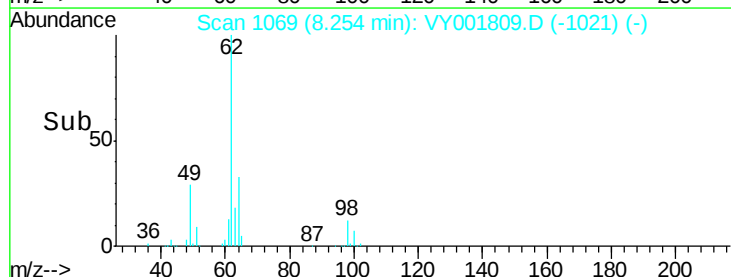
62 100

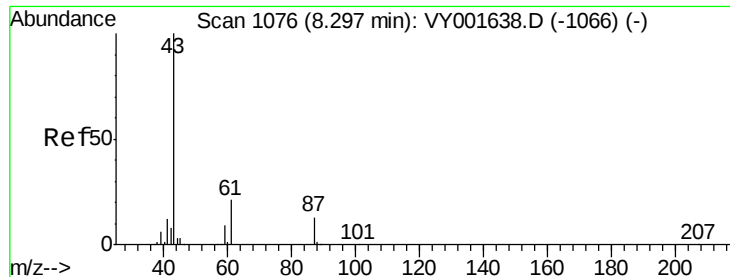
98 10.8 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

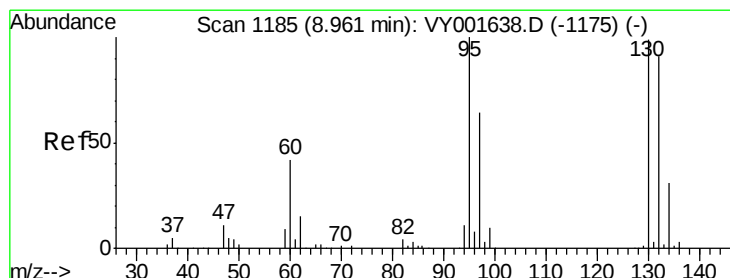
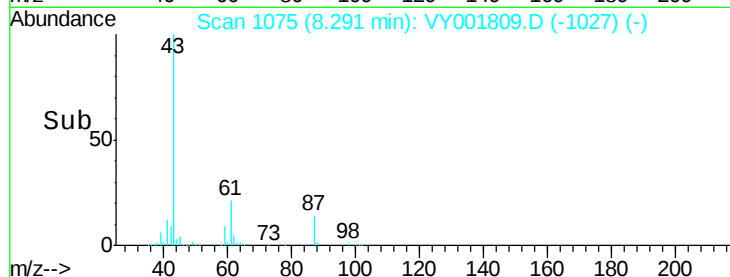
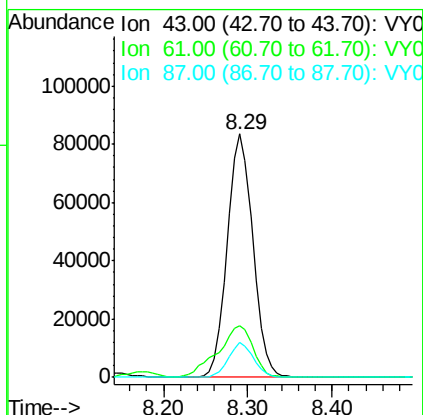
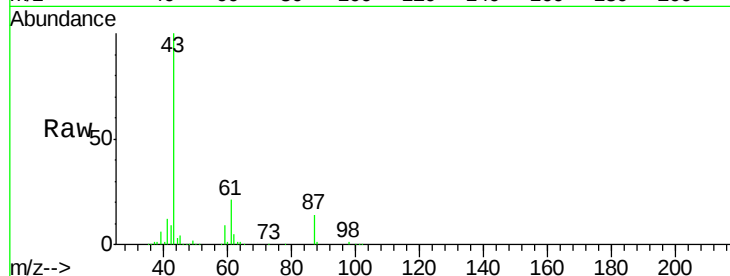




#43
Isopropyl Acetate
Concen: 48.03 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

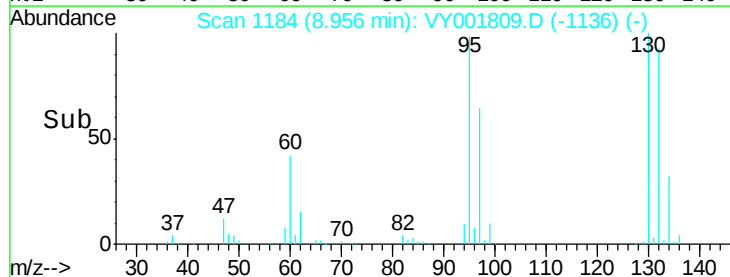
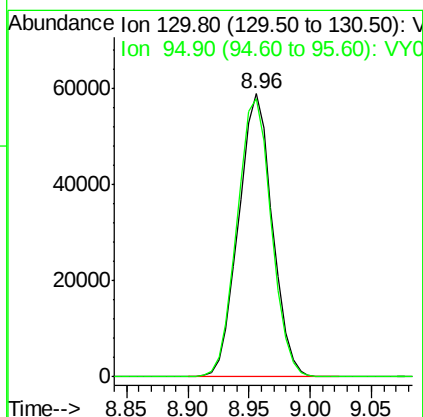
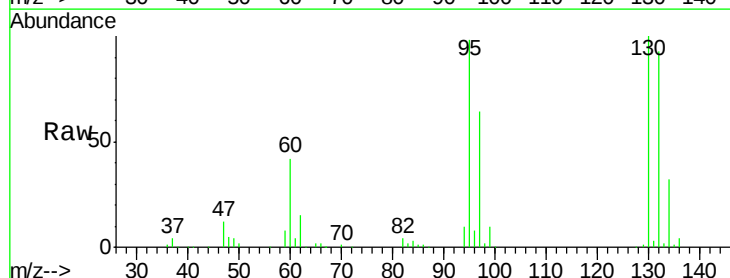
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

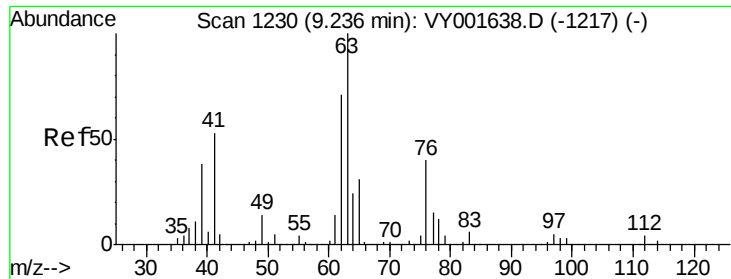
Tgt Ion: 43 Resp: 171464
Ion Ratio Lower Upper
43 100
61 29.4 23.0 34.4
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 48.86 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 130 Resp: 113096
Ion Ratio Lower Upper
130 100
95 98.2 0.0 200.6

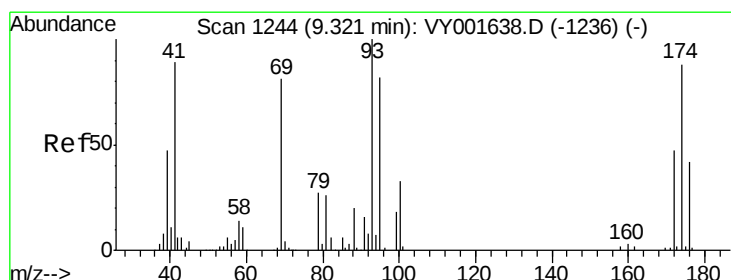
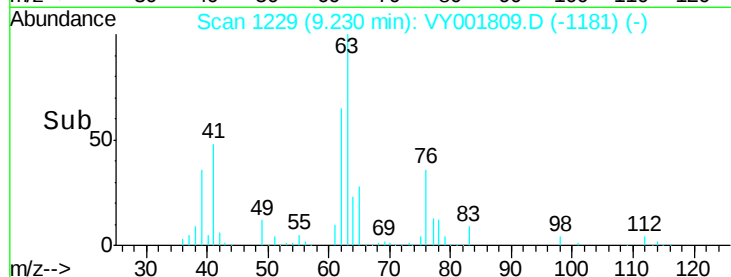
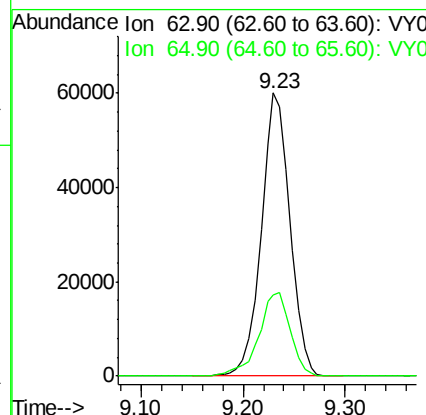
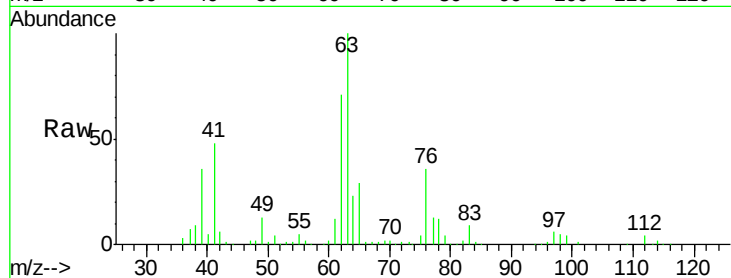




#45
 1,2-Dichloropropane
 Concen: 50.50 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

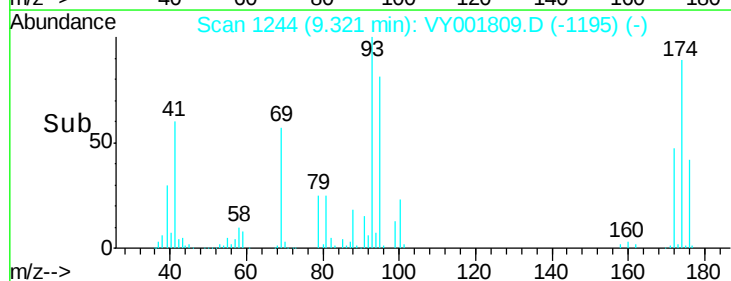
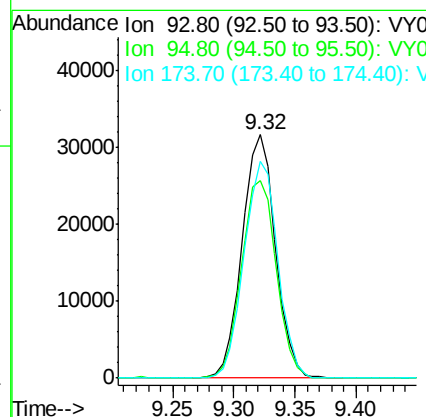
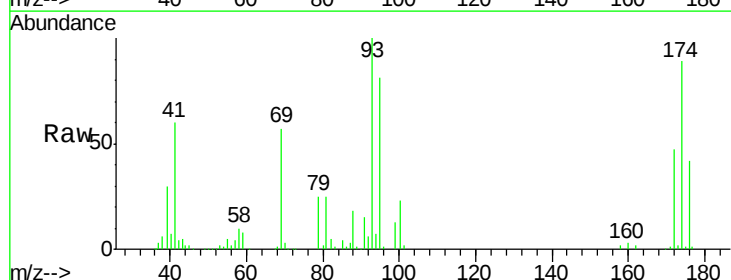
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

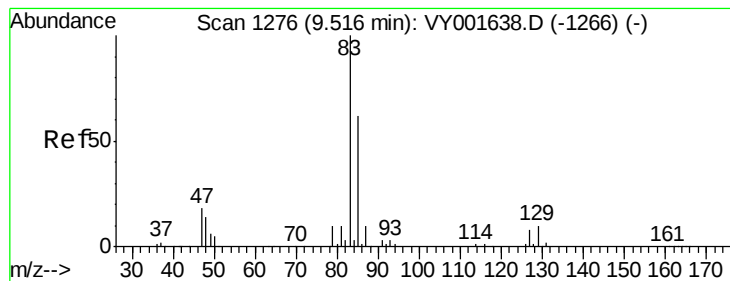
Tgt Ion: 63 Resp: 117265
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.6 37.0



#46
 Dibromomethane
 Concen: 49.16 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 93 Resp: 59711
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.1 99.1
 174 90.6 72.5 108.7





#47

Bromodichloromethane

Concen: 49.11 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

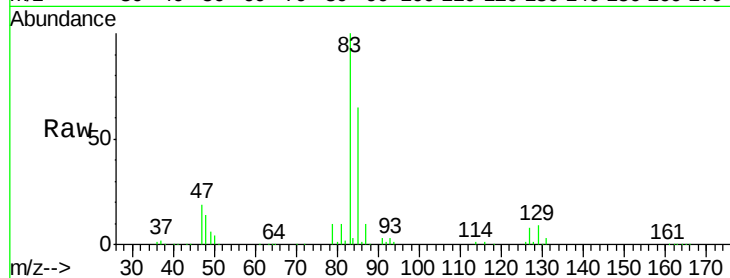
Tgt Ion: 83 Resp: 143954

Ion Ratio Lower Upper

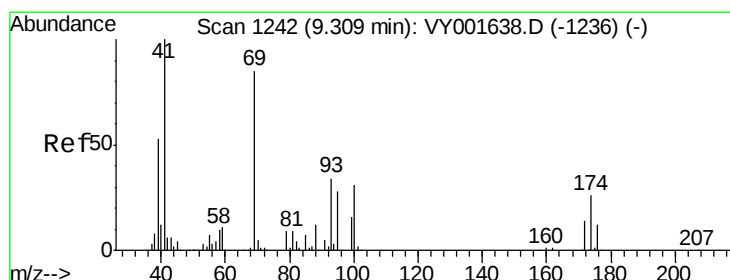
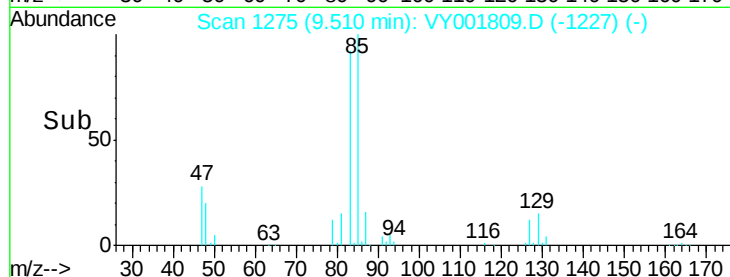
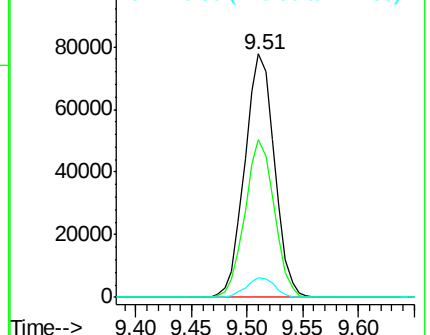
83 100

85 64.8 51.4 77.0

127 7.9 6.4 9.6



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



#48

Methyl methacrylate

Concen: 46.90 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

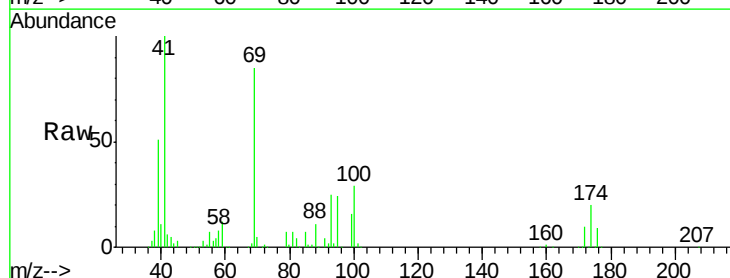
Tgt Ion: 41 Resp: 75729

Ion Ratio Lower Upper

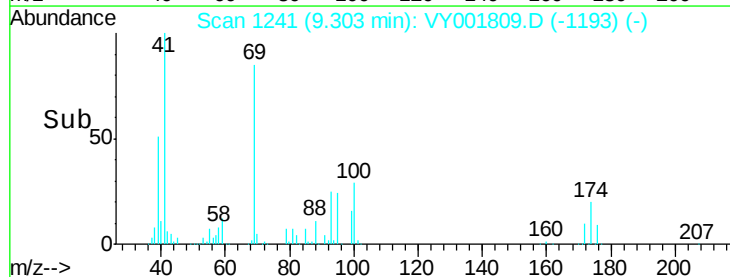
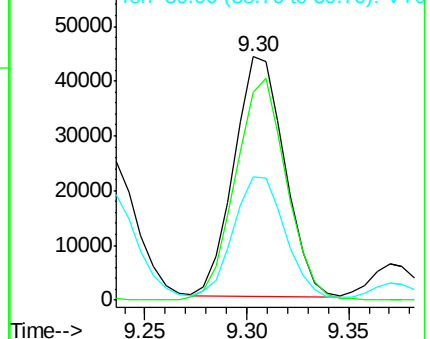
41 100

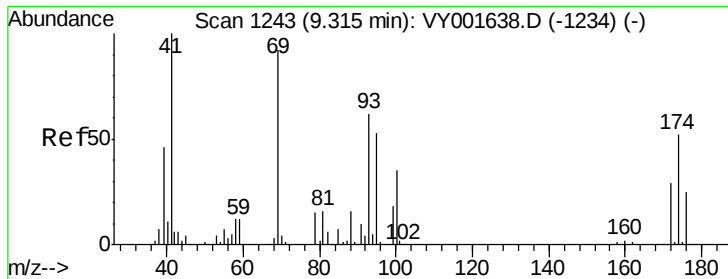
69 93.0 70.7 106.1

39 53.4 42.2 63.2



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: 952.36 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

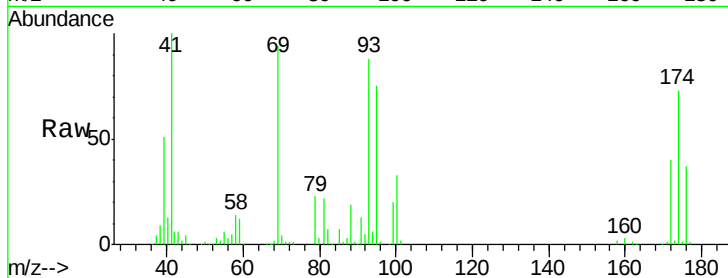
Tgt Ion: 88 Resp: 16337

Ion Ratio Lower Upper

88 100

43 27.1 23.1 34.7

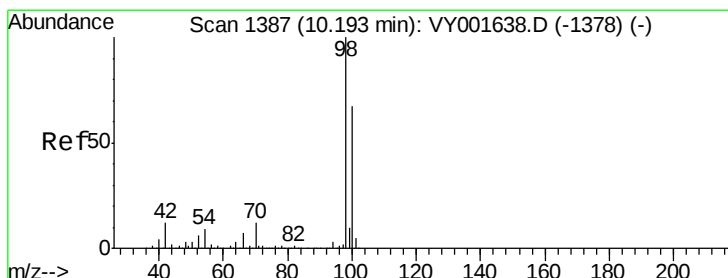
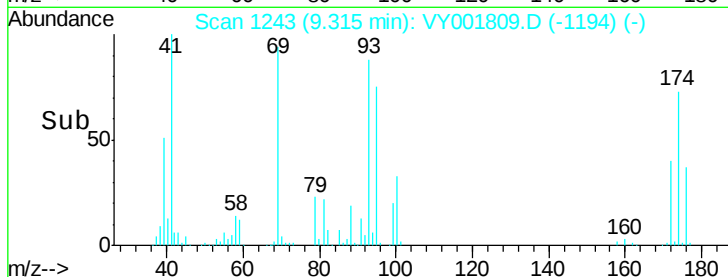
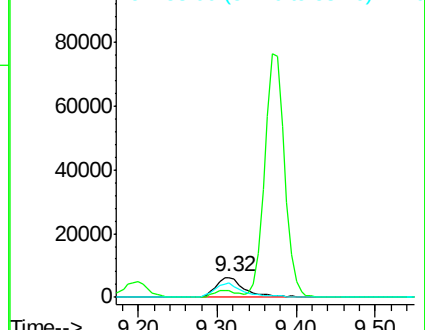
58 72.7 58.1 87.1



Abundance Ion 88.00 (87.70 to 88.70): VY001809.D (-1194) (-)

Ion 43.00 (42.70 to 43.70): VY001809.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001809.D (-1194) (-)



#50

Toluene-d8

Concen: 48.58 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001809.D

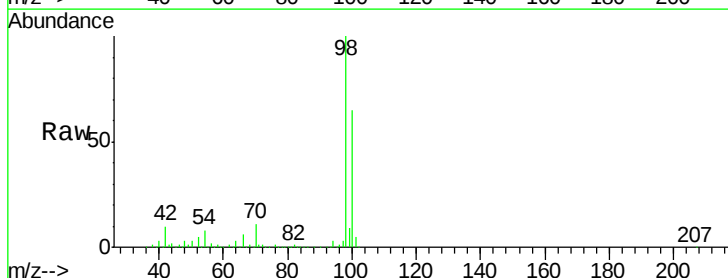
Acq: 02 Mar 2020 10:31

Tgt Ion: 98 Resp: 359806

Ion Ratio Lower Upper

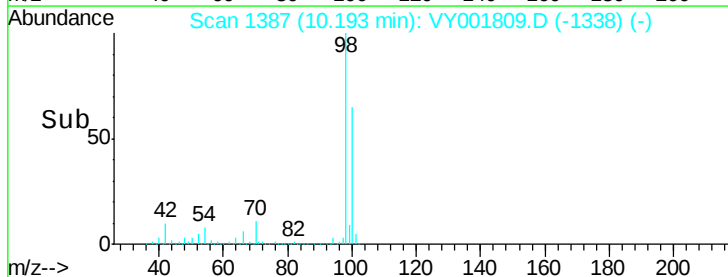
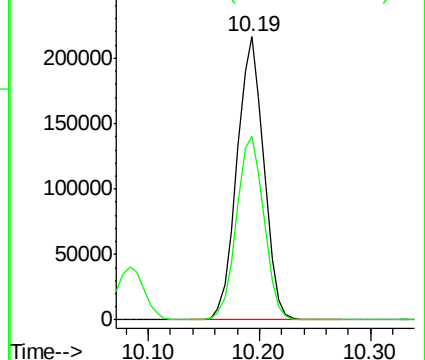
98 100

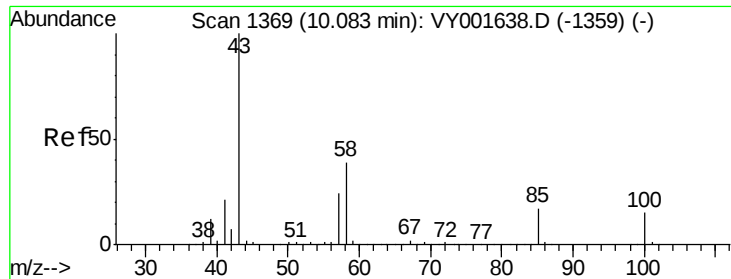
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001809.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY001809.D (-1338) (-)





#51

4-Methyl-2-Pentanone

Concen: 244.86 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

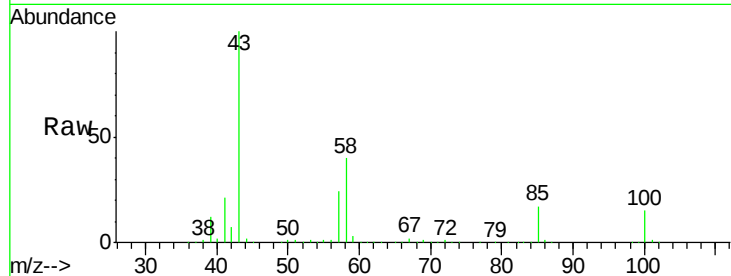
VSTDCCC050

Tgt Ion: 43 Resp: 449153

Ion Ratio Lower Upper

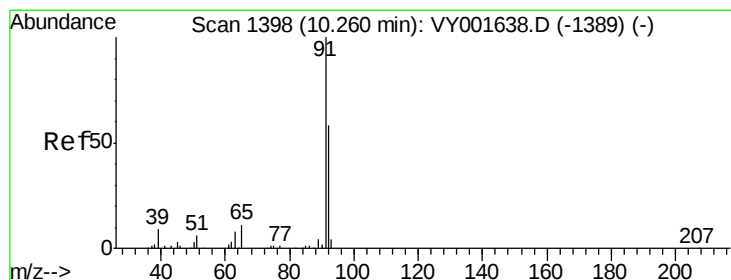
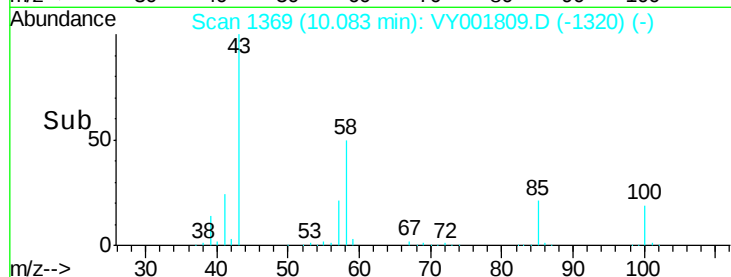
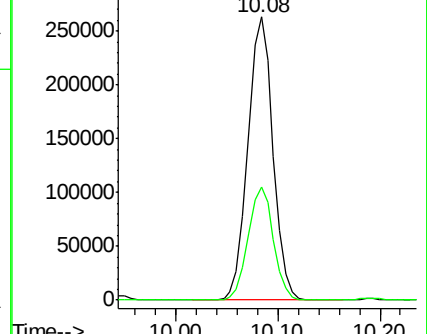
43 100

58 40.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 48.88 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001809.D

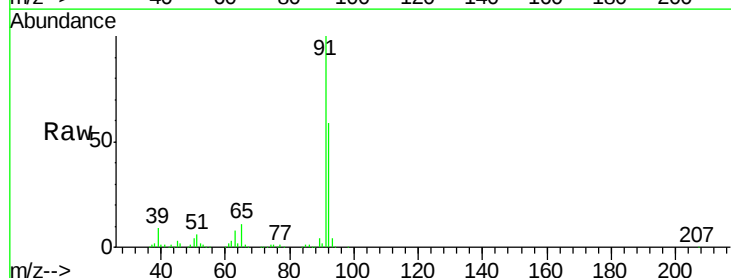
Acq: 02 Mar 2020 10:31

Tgt Ion: 92 Resp: 282701

Ion Ratio Lower Upper

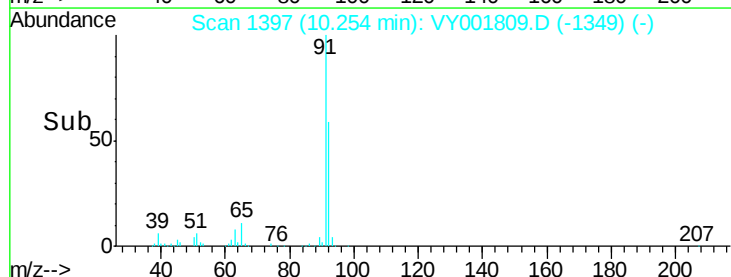
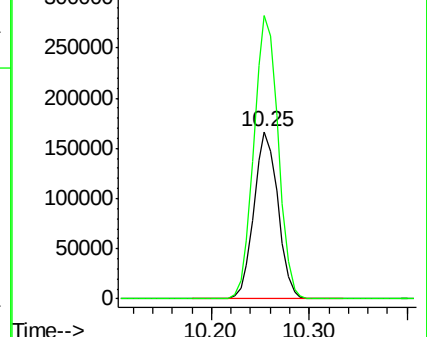
92 100

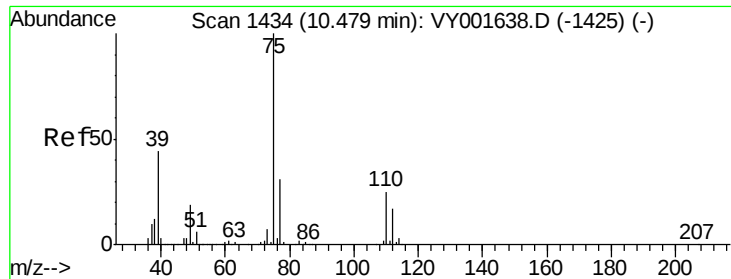
91 171.1 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 49.24 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

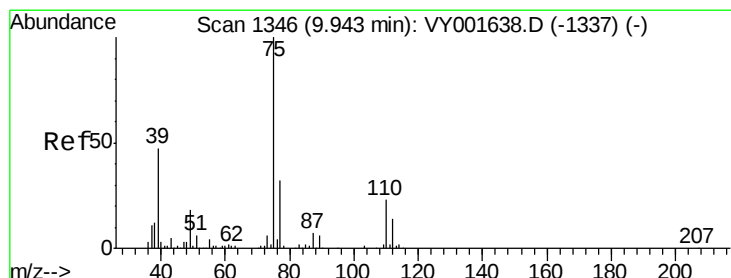
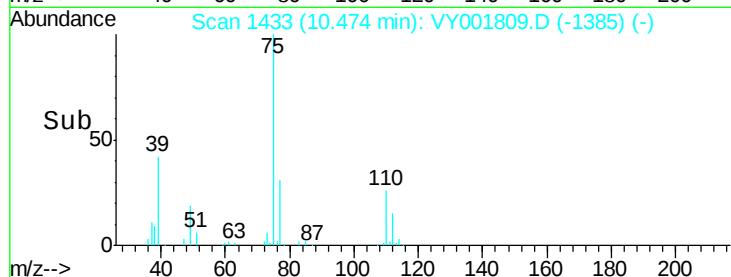
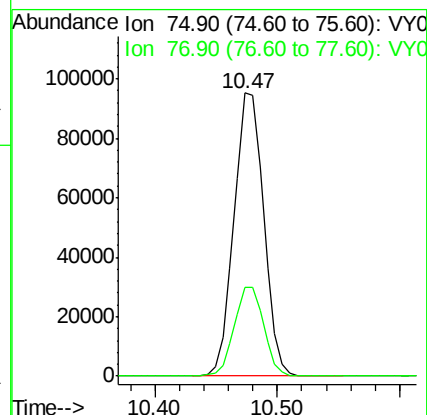
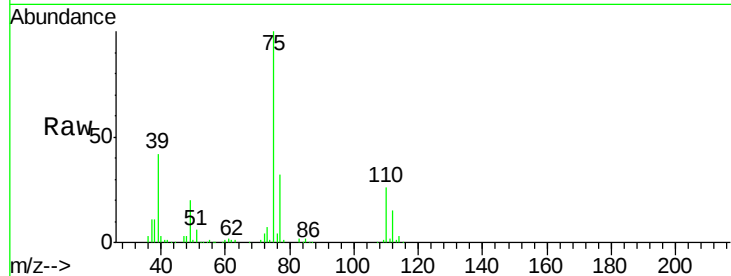
VSTDCCC050

Tgt Ion: 75 Resp: 159577

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.96 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

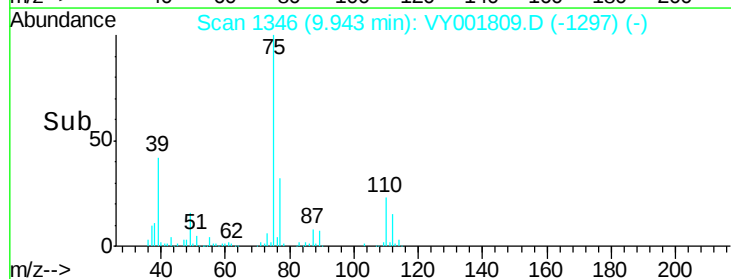
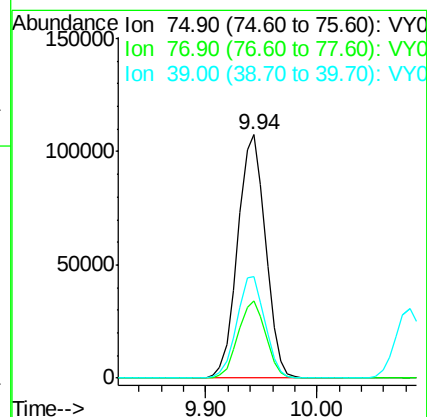
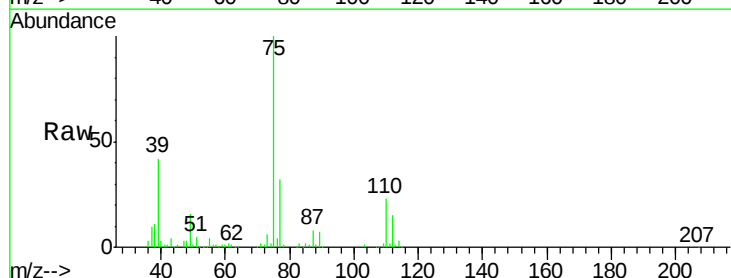
Tgt Ion: 75 Resp: 186318

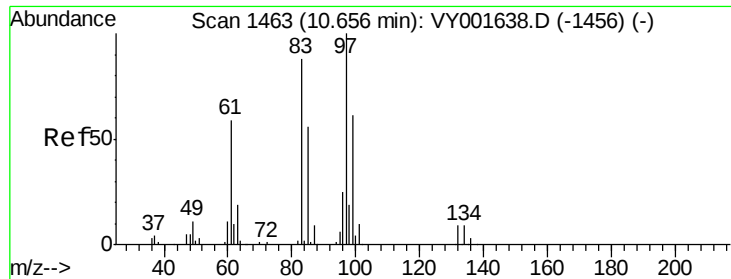
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 41.7 35.7 53.5

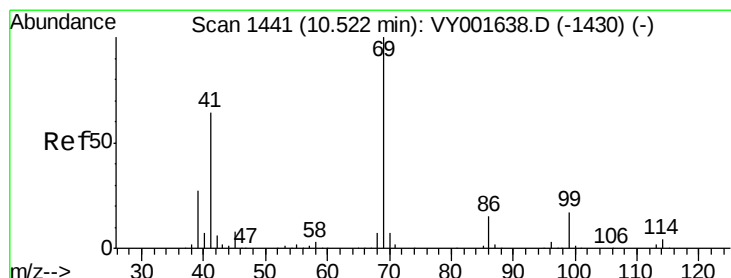
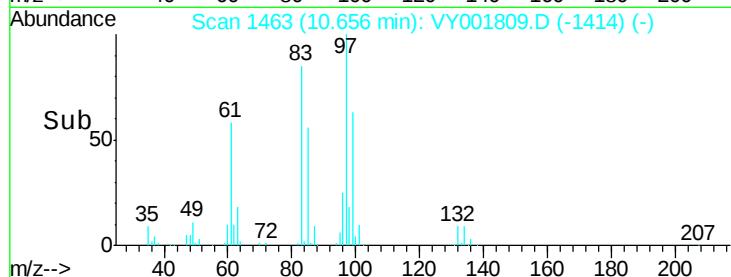
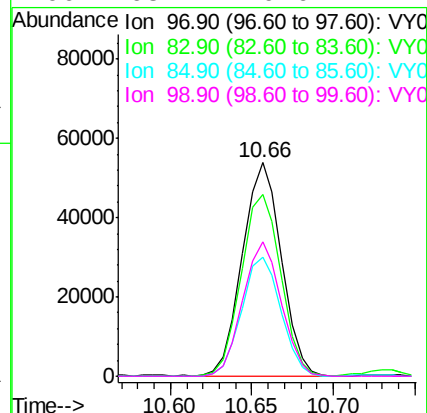
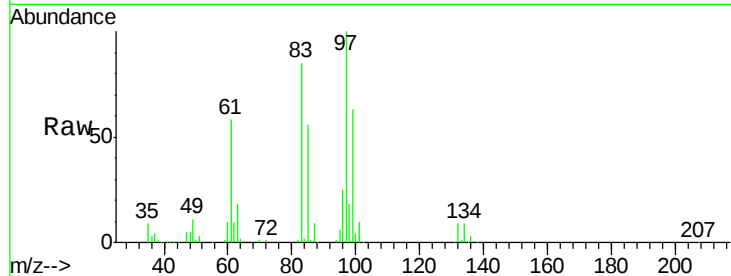




#55
 1,1,2-Trichloroethane
 Concen: 50.09 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

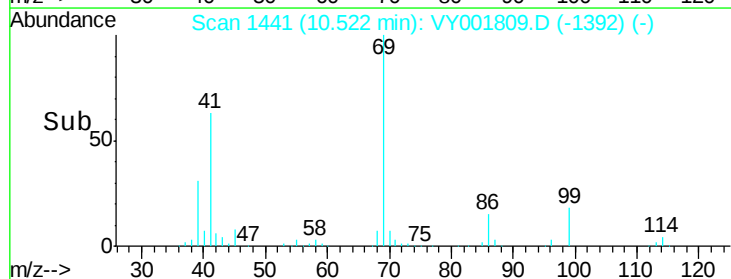
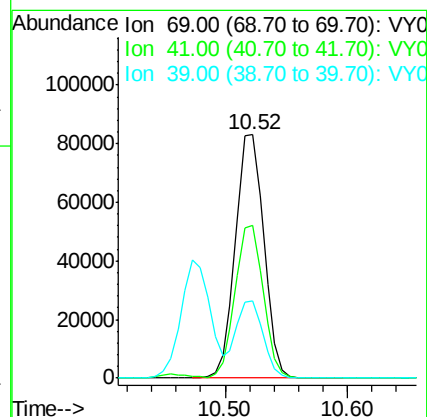
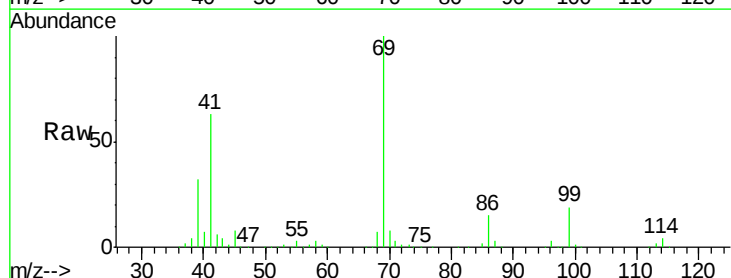
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

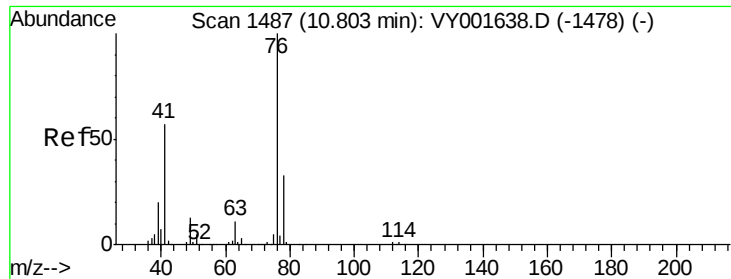
Tgt Ion: 97 Resp: 89700
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.7 104.5
 85 55.5 44.5 66.7
 99 63.2 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 49.74 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 69 Resp: 133621
 Ion Ratio Lower Upper
 69 100
 41 61.9 51.0 76.4
 39 30.5 24.7 37.1

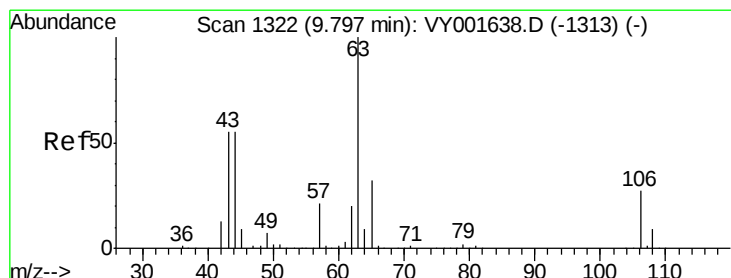
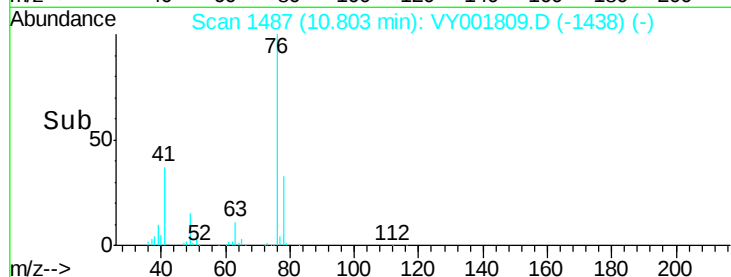
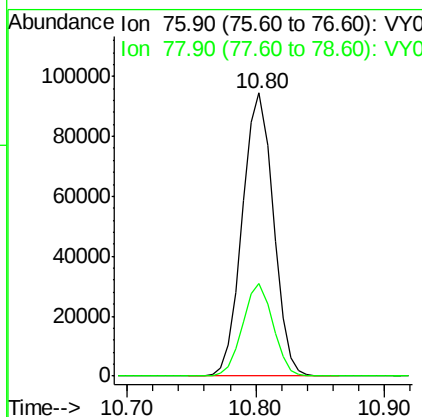
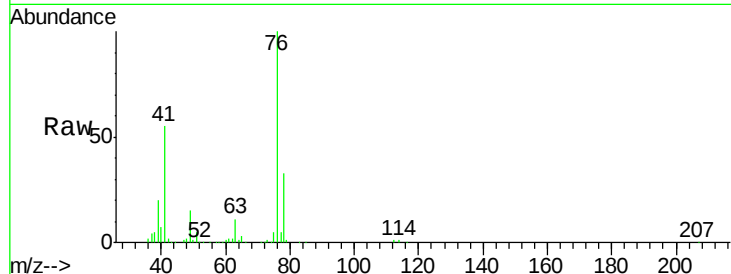




#57
 1,3-Dichloropropane
 Concen: 49.33 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

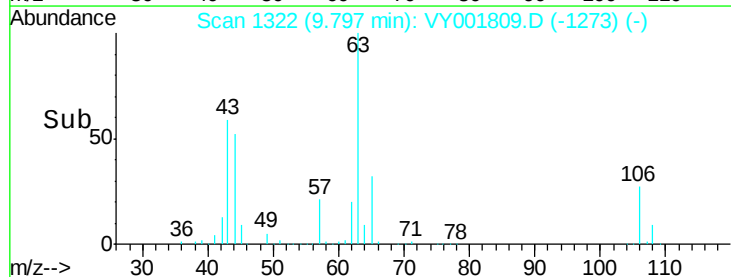
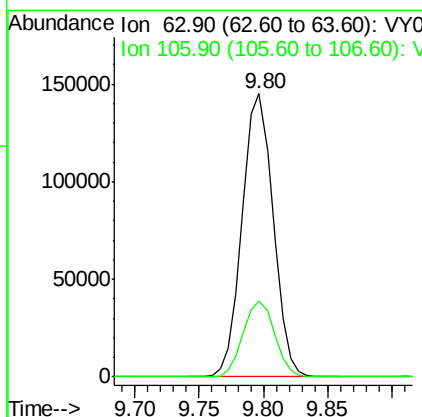
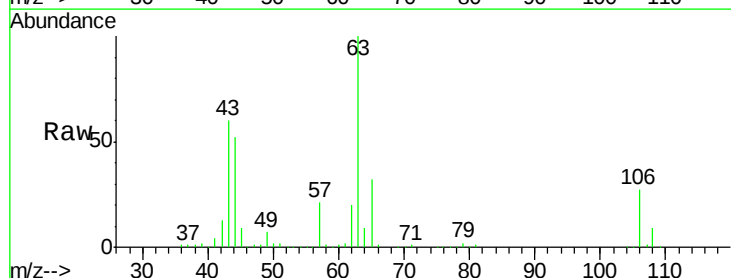
Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

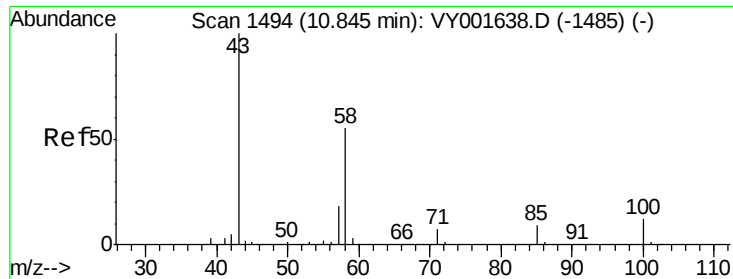
Tgt Ion: 76 Resp: 156969
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.17 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 63 Resp: 241556
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.6 32.4

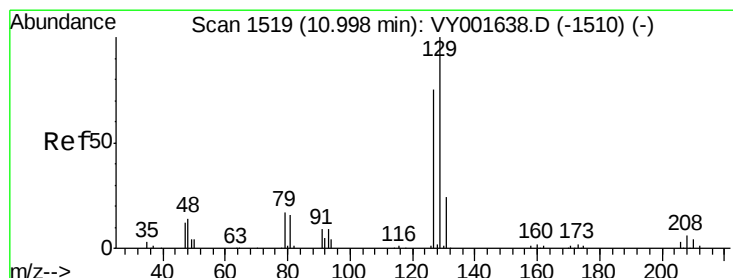
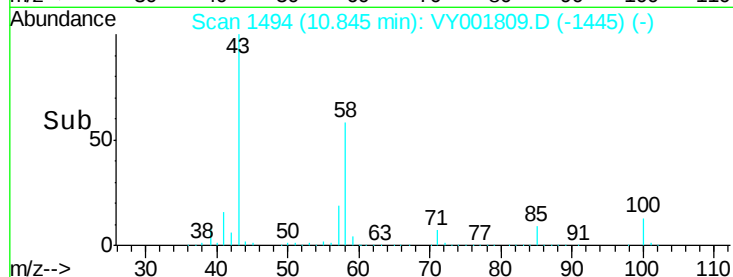
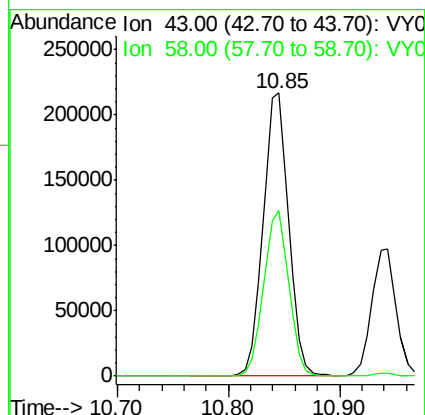
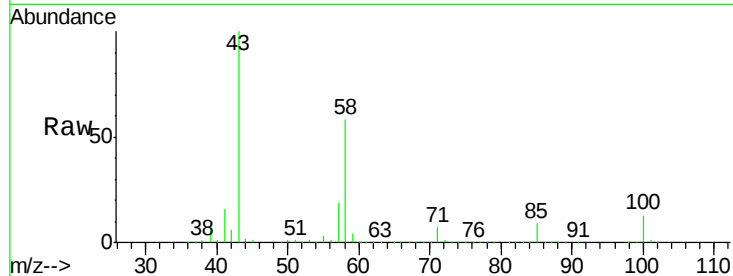




#59
2-Hexanone
Concen: 252.90 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

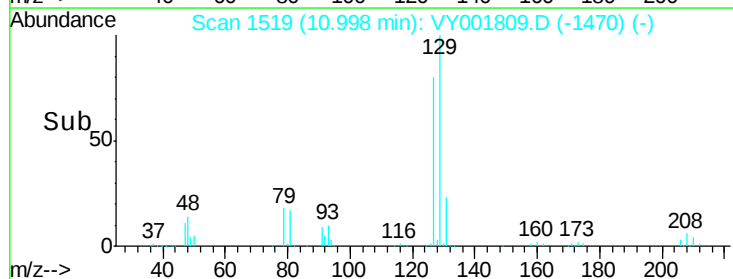
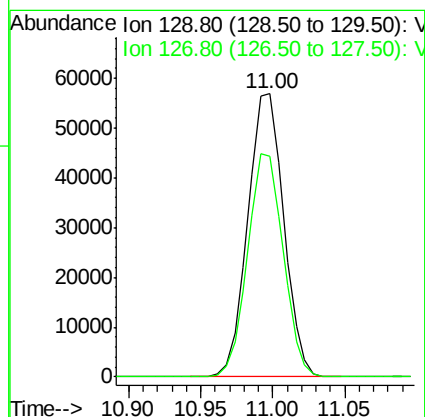
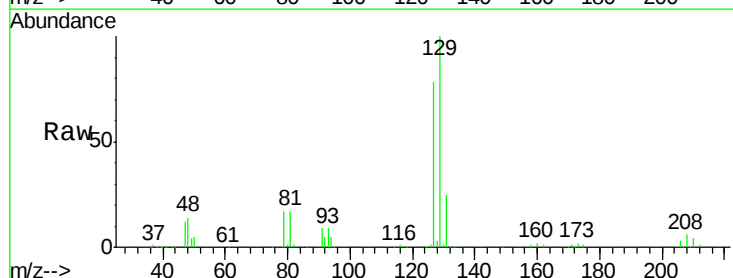
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

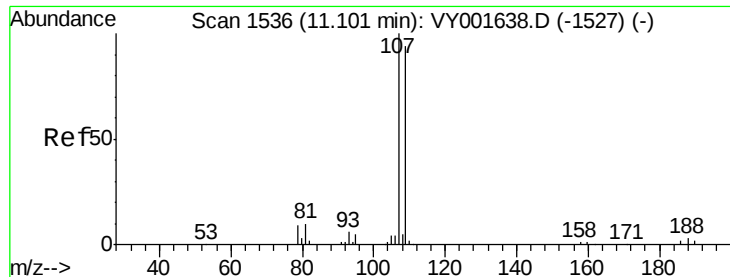
Tgt Ion: 43 Resp: 348074
Ion Ratio Lower Upper
43 100
58 57.5 28.4 85.2



#60
Dibromochloromethane
Concen: 49.74 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 129 Resp: 98217
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

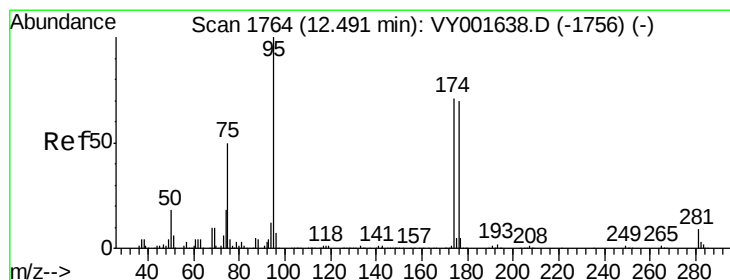
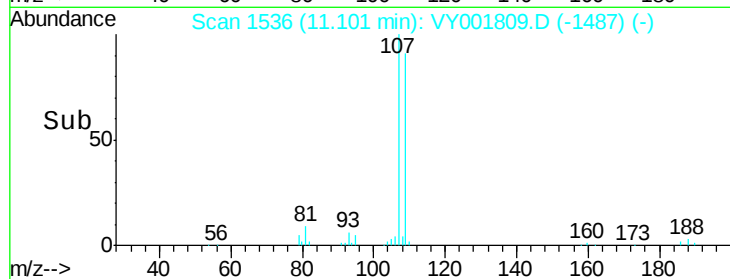
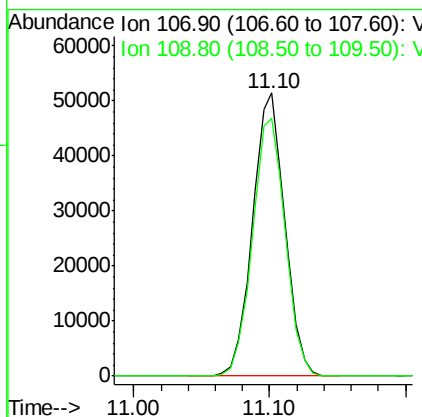
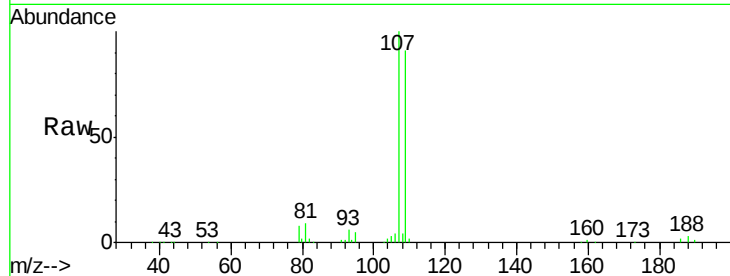




#61
 1,2-Dibromoethane
 Concen: 50.41 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

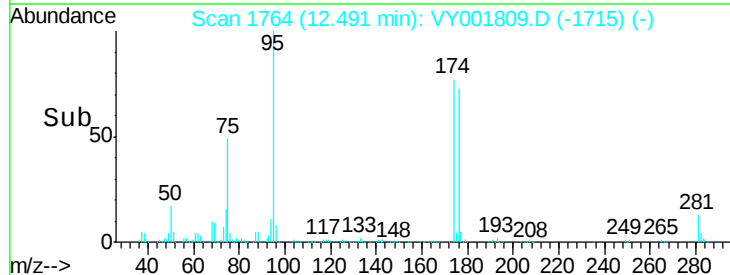
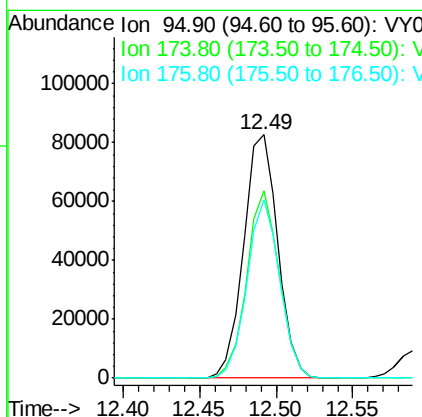
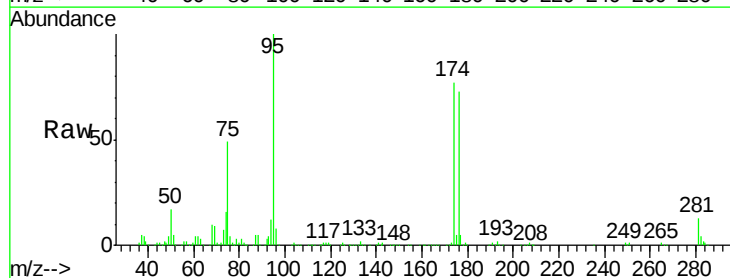
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

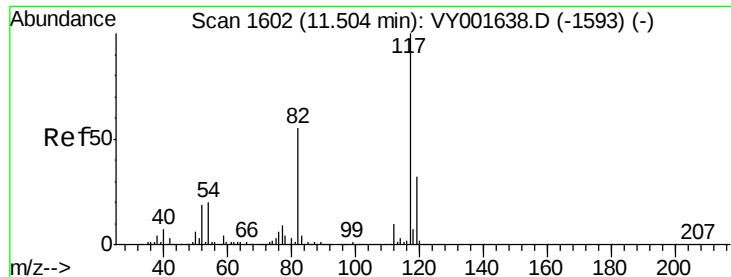
Tgt Ion: 107 Resp: 85365
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 44.57 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 95 Resp: 128236
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 138.4
 176 70.2 0.0 131.8

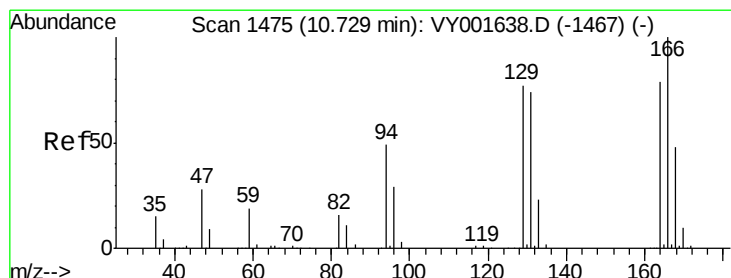
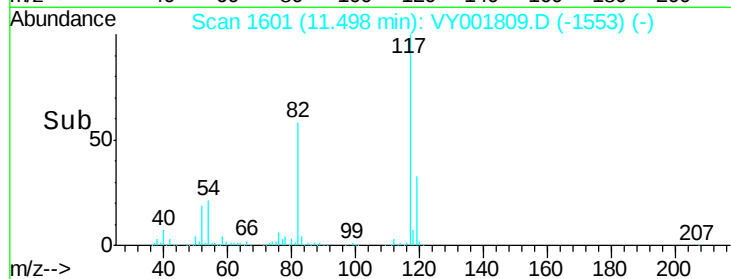
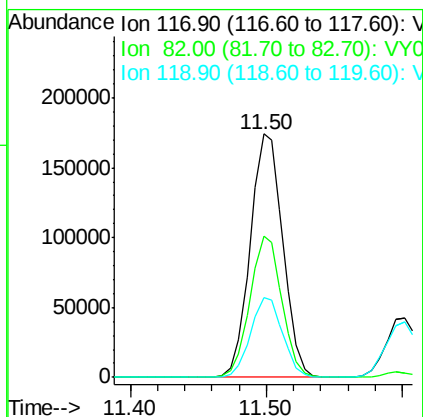
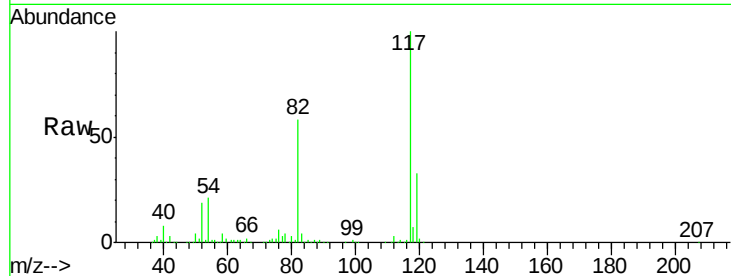




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

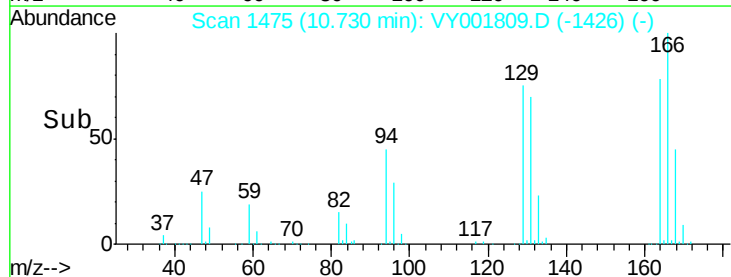
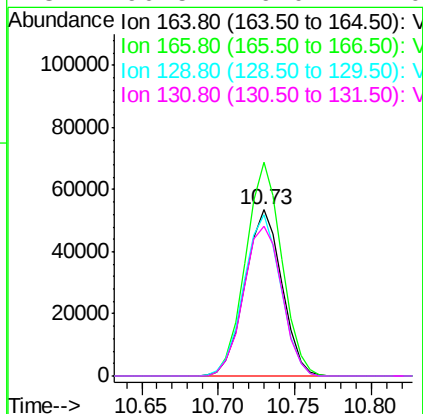
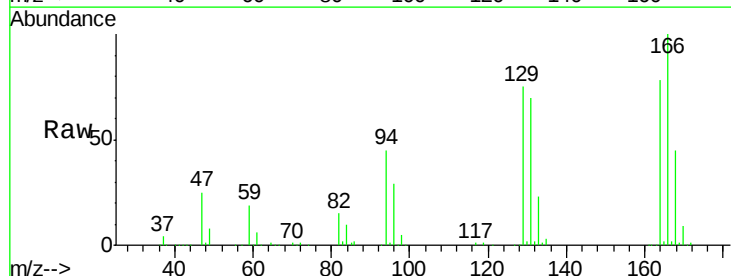
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

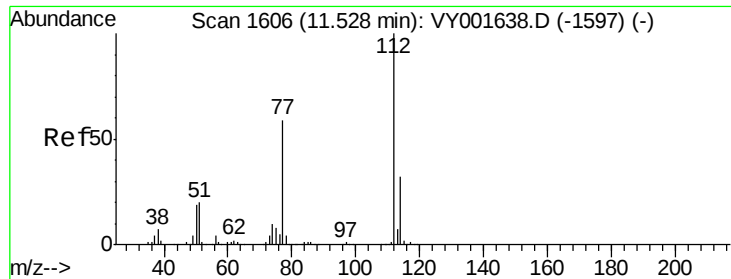
Tgt Ion:117 Resp: 292917
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.66 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion:164 Resp: 89470
Ion Ratio Lower Upper
164 100
166 128.6 101.4 152.0
129 97.0 78.7 118.1
131 90.5 76.0 114.0

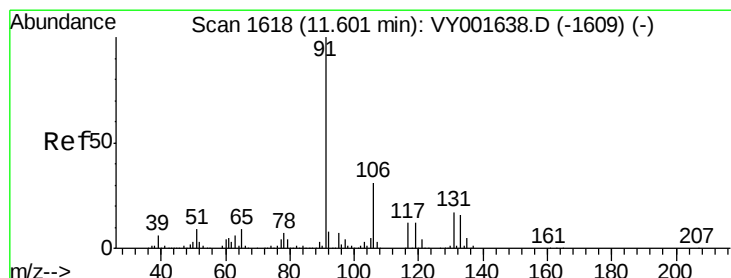
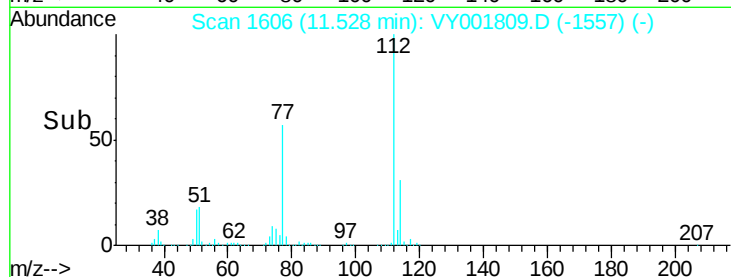
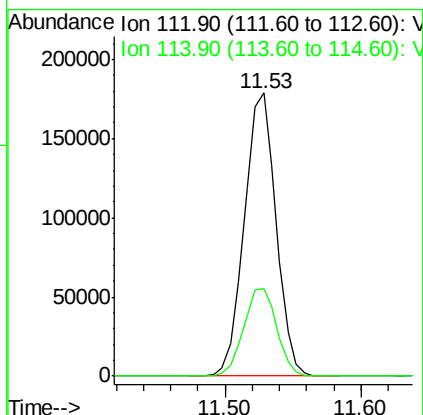
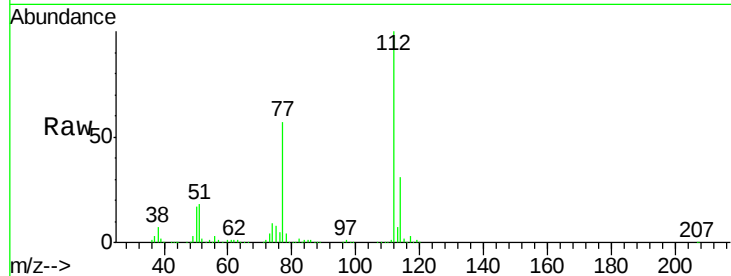




#65
Chlorobenzene
Concen: 49.81 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

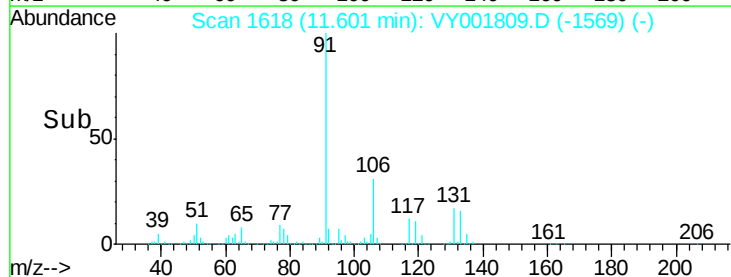
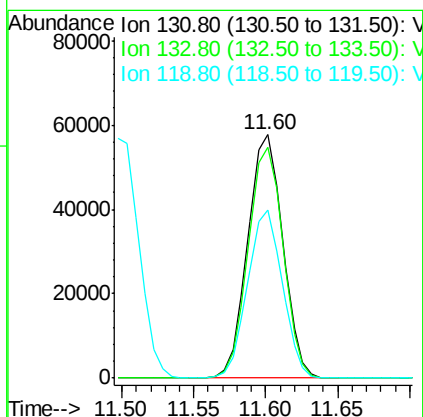
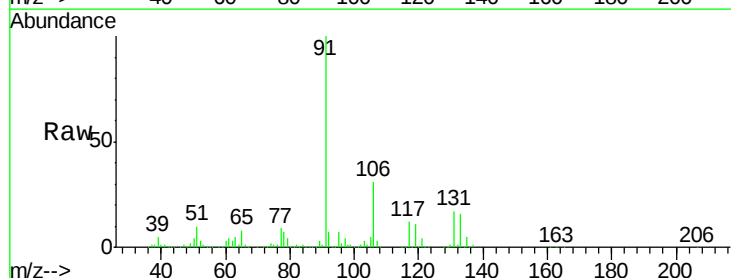
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

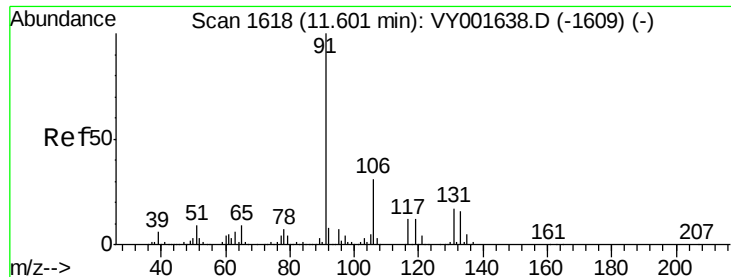
Tgt Ion:112 Resp: 291320
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.17 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion:131 Resp: 97004
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.2
119 68.7 34.4 103.1

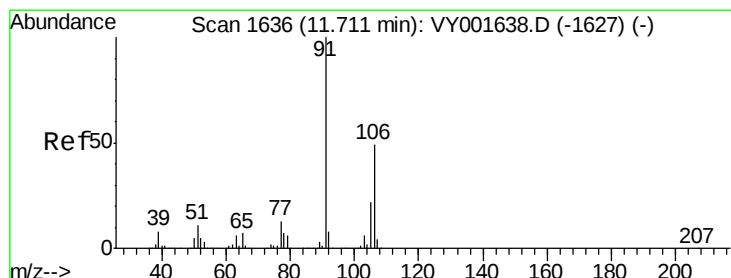
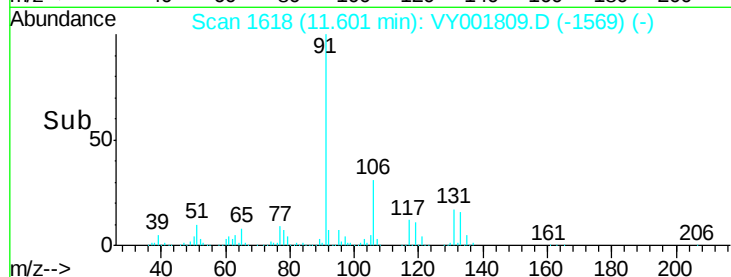
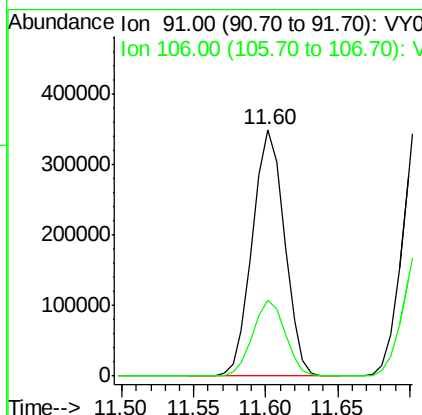
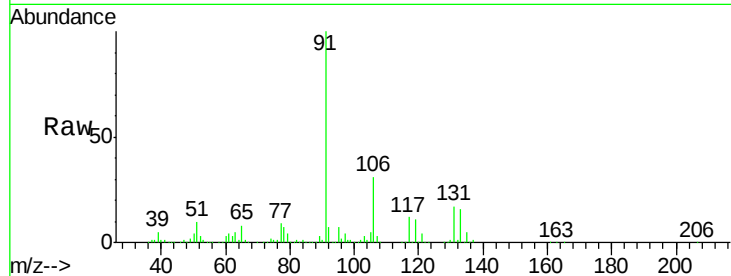




#67
Ethyl Benzene
Concen: 49.77 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

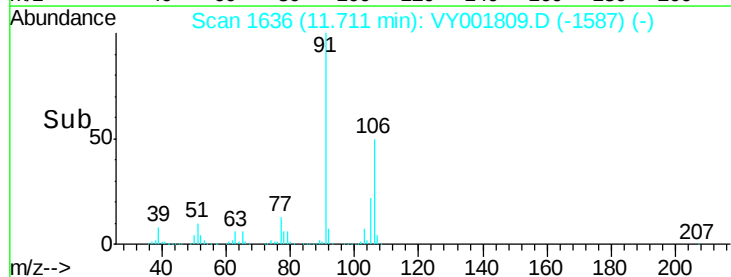
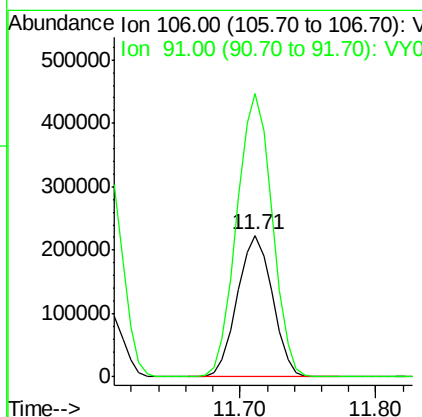
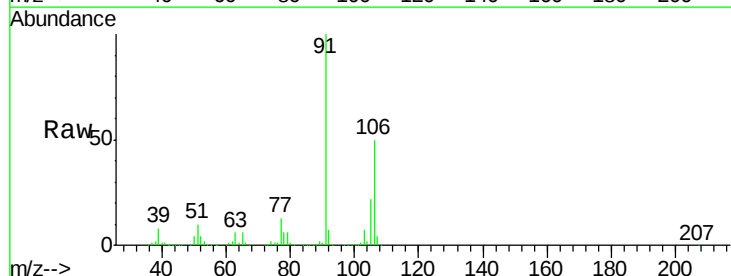
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 540179
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 99.37 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 106 Resp: 402830
Ion Ratio Lower Upper
106 100
91 201.5 163.3 244.9

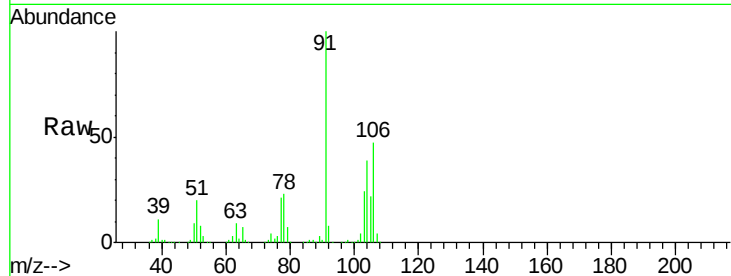




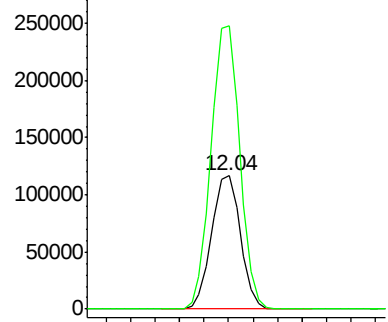
#69
o-Xylene
Concen: 49.55 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

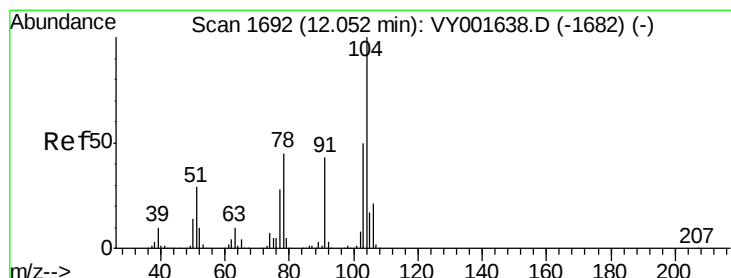
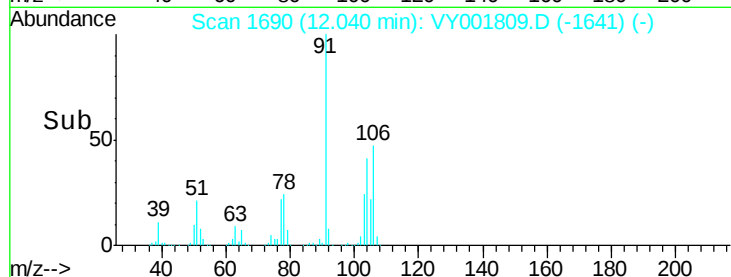
Tgt Ion:106 Resp: 190971
Ion Ratio Lower Upper
106 100
91 211.3 108.3 324.9



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

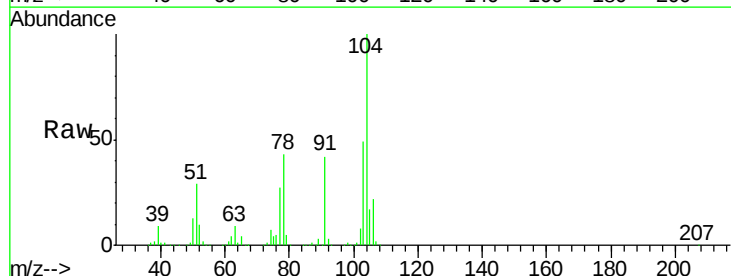


Time-->

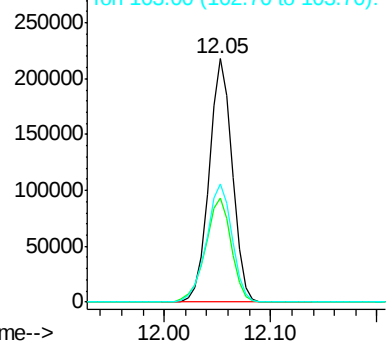


#70
Styrene
Concen: 49.68 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

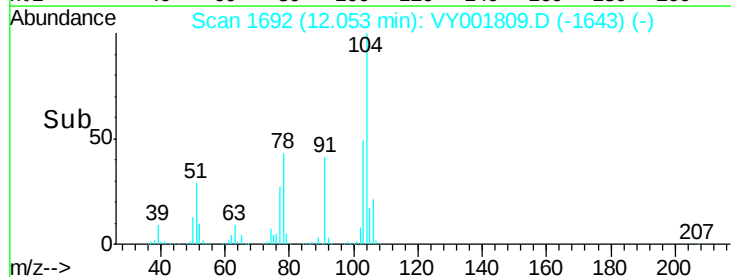
Tgt Ion:104 Resp: 332758
Ion Ratio Lower Upper
104 100
78 47.4 39.2 58.8
103 53.5 43.0 64.6

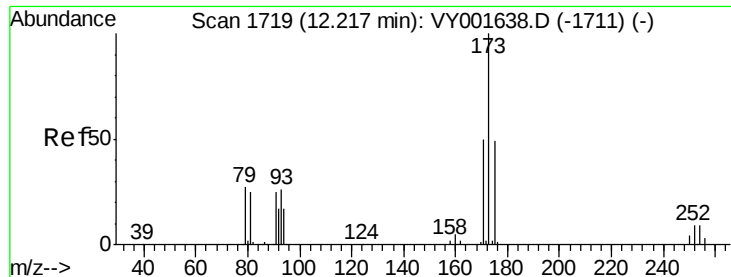


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 49.89 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

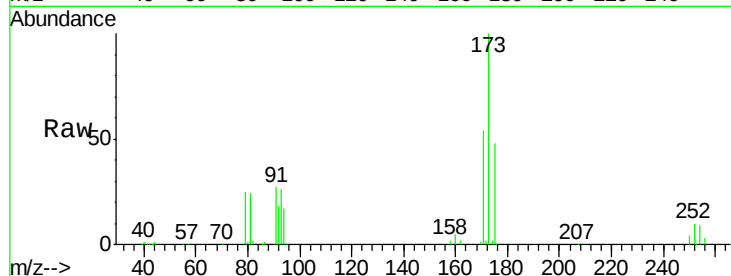
Tgt Ion:173 Resp: 56250

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

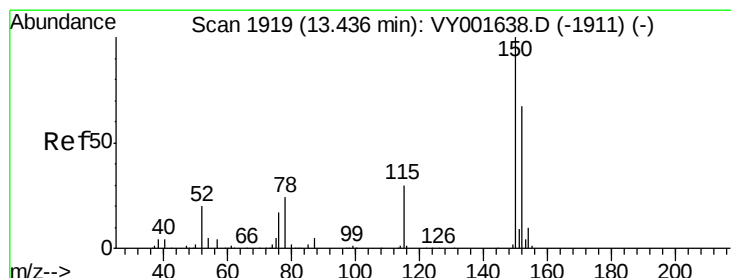
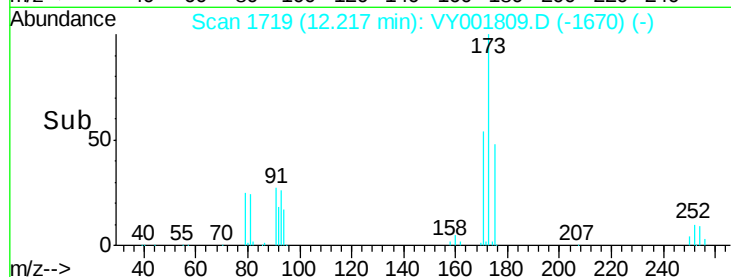
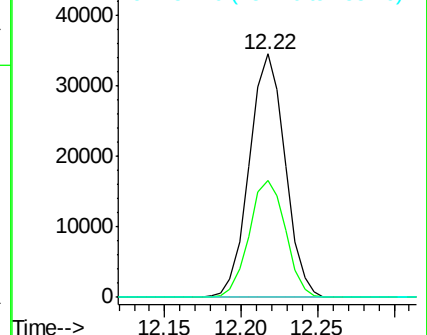
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

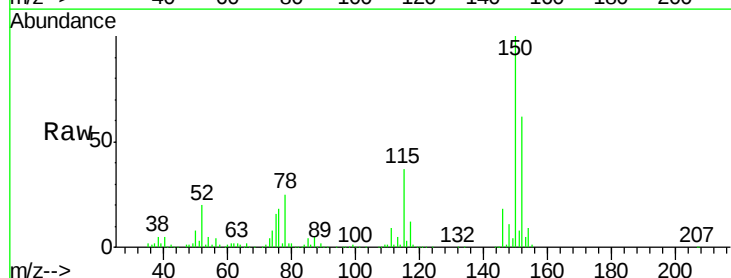
Tgt Ion:152 Resp: 137868

Ion Ratio Lower Upper

152 100

115 60.7 31.4 94.2

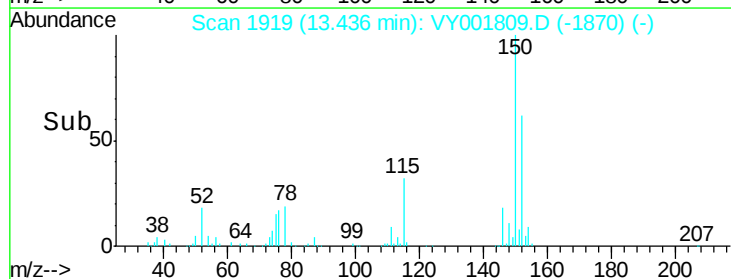
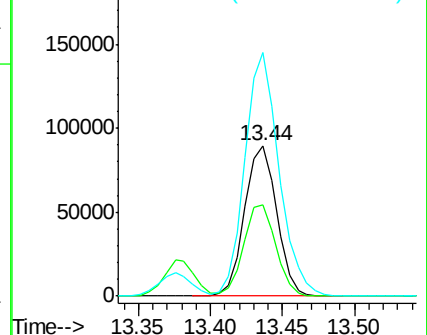
150 172.5 0.0 407.2

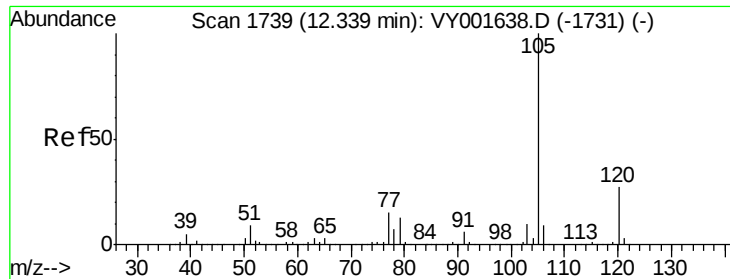


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

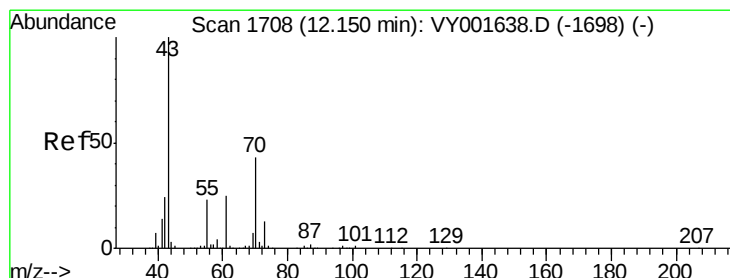
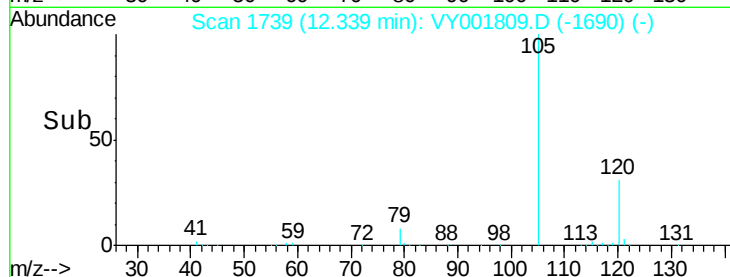
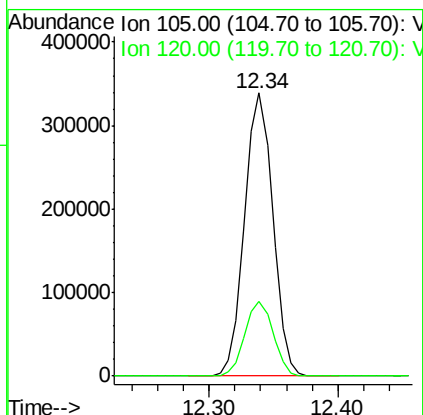
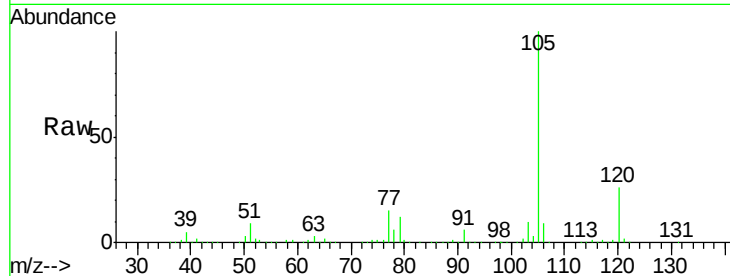




#73
Isopropylbenzene
Concen: 48.91 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

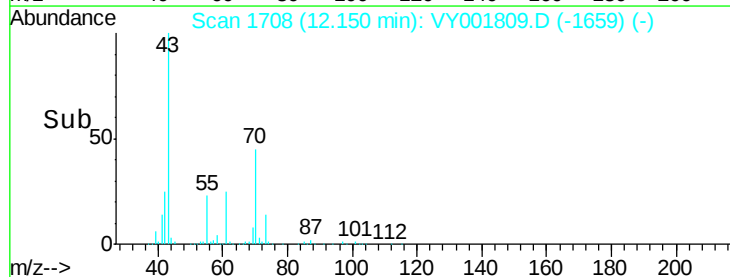
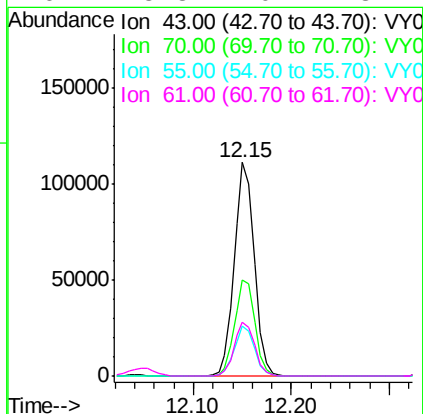
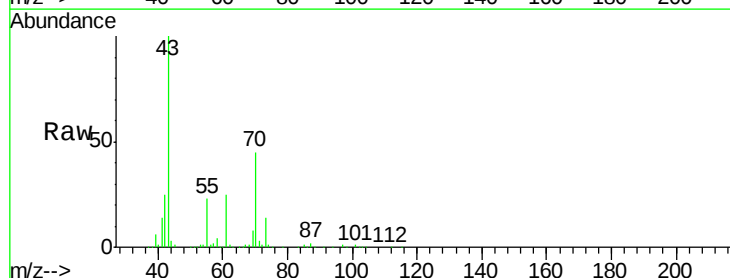
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

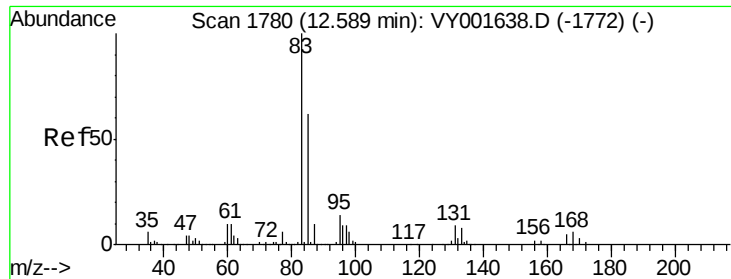
Tgt Ion: 105 Resp: 513730
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 46.98 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 43 Resp: 157461
Ion Ratio Lower Upper
43 100
70 45.7 35.9 53.9
55 23.6 18.3 27.5
61 25.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.24 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

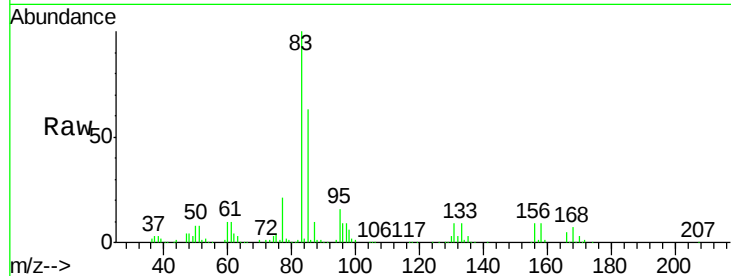
Tgt Ion: 83 Resp: 114909

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

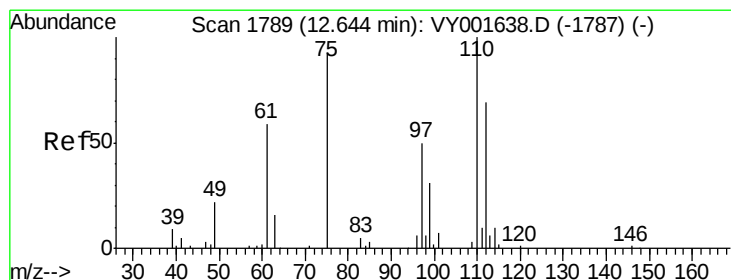
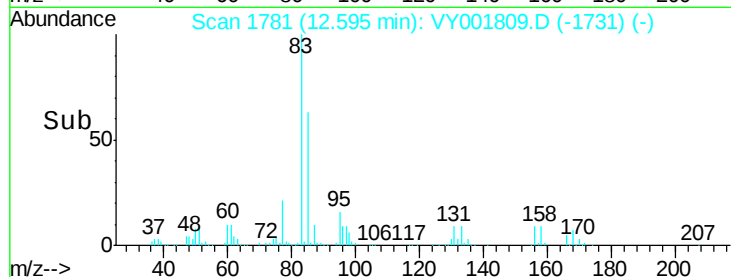
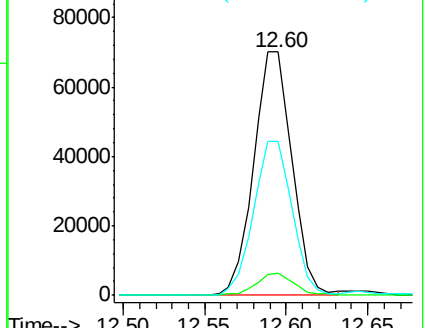
85 63.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001809.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001809.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001809.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 92.59 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001809.D

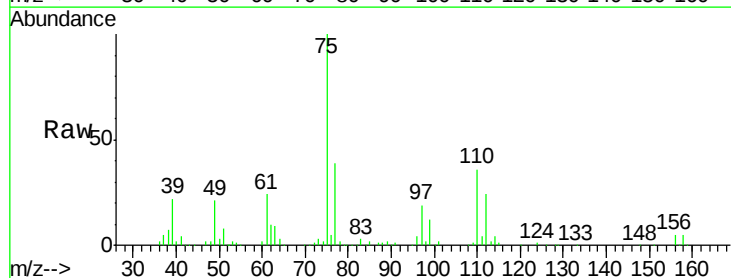
Acq: 02 Mar 2020 10:31

Tgt Ion: 75 Resp: 146433

Ion Ratio Lower Upper

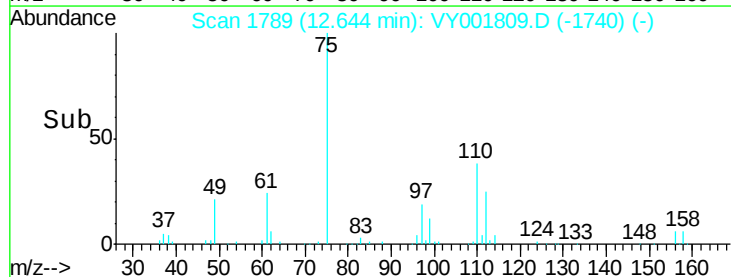
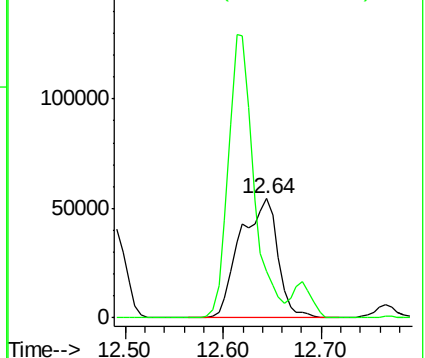
75 100

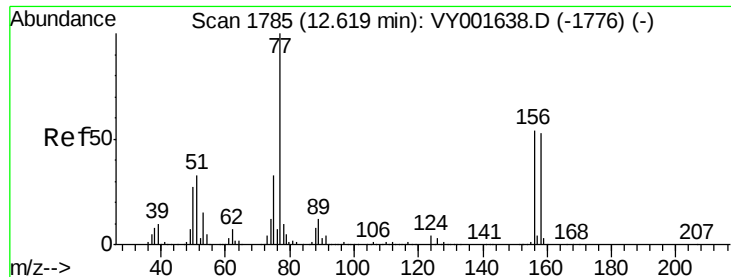
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001809.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001809.D (-1740) (-)





#77

Bromobenzene

Concen: 47.93 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

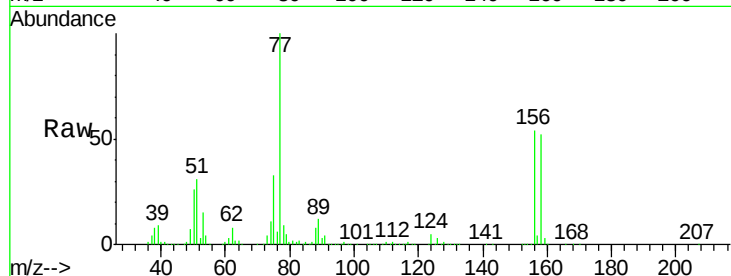
Tgt Ion:156 Resp: 109137

Ion Ratio Lower Upper

156 100

77 215.5 110.1 330.1

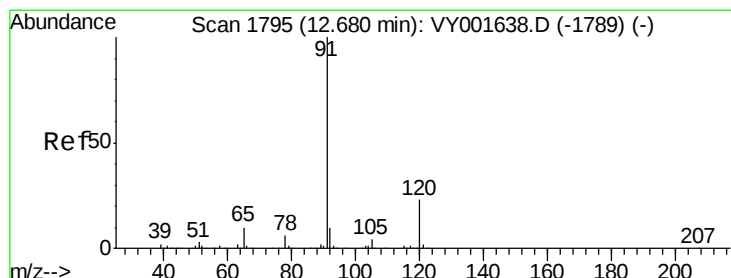
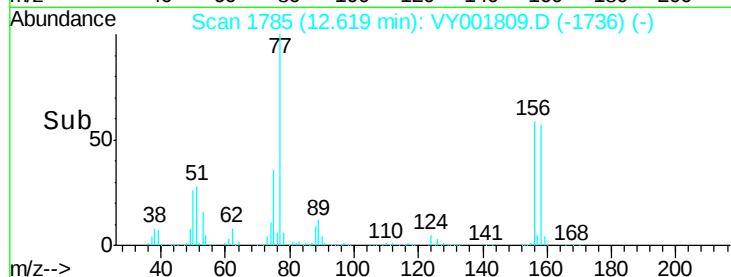
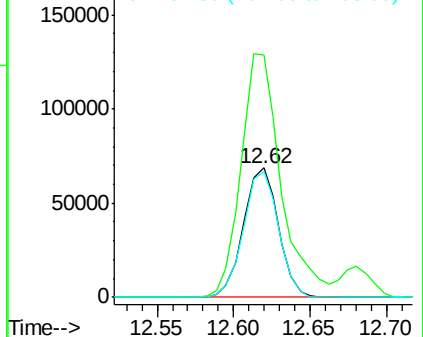
158 97.5 47.9 143.7



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: 49.36 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001809.D

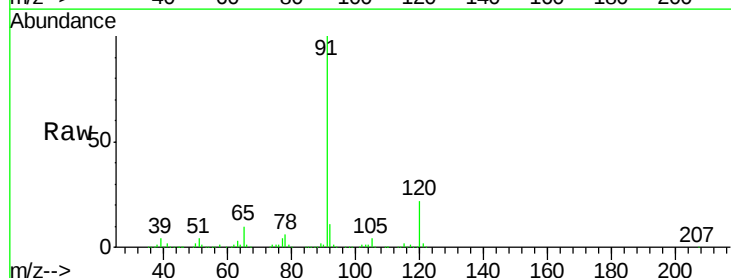
Acq: 02 Mar 2020 10:31

Tgt Ion: 91 Resp: 631441

Ion Ratio Lower Upper

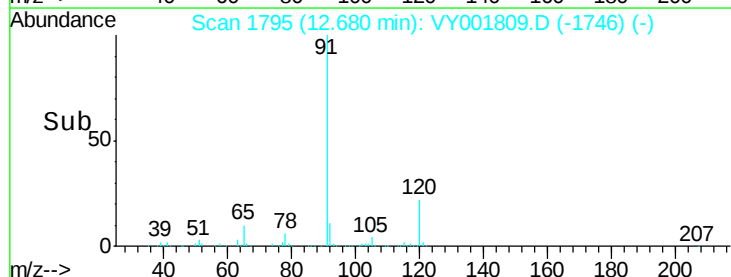
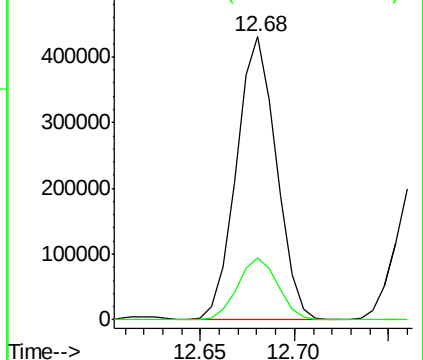
91 100

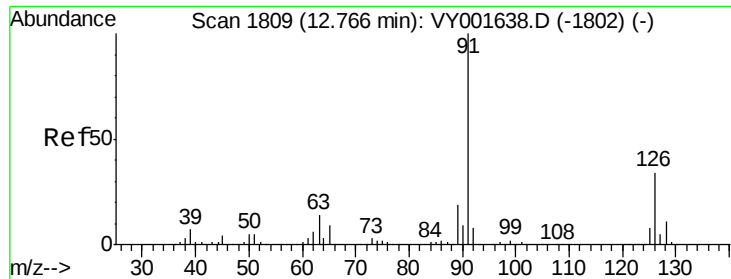
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

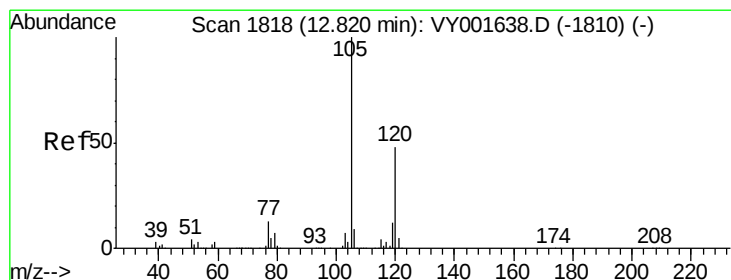
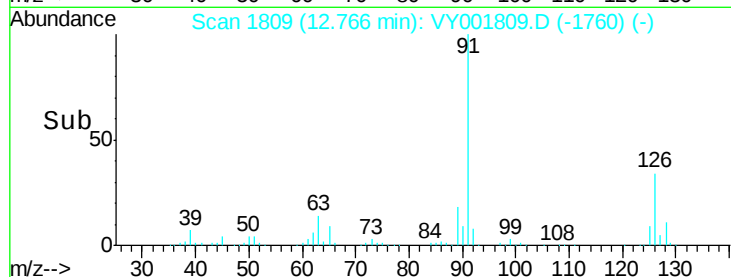
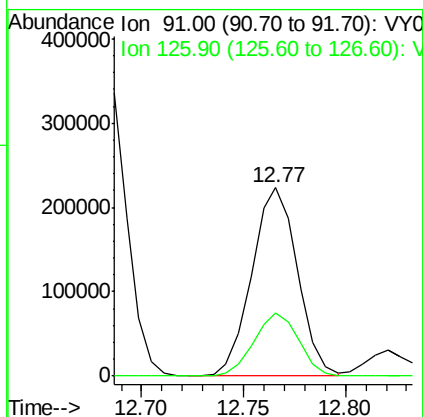
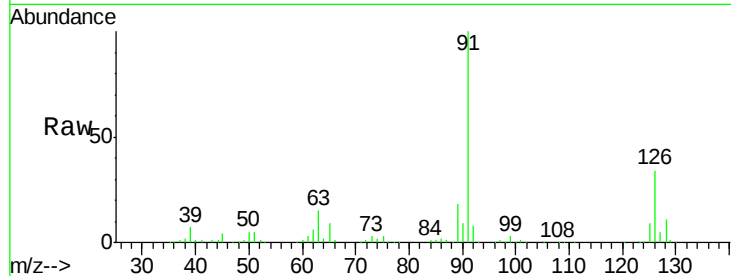




#79
 2-Chlorotoluene
 Concen: 48.57 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

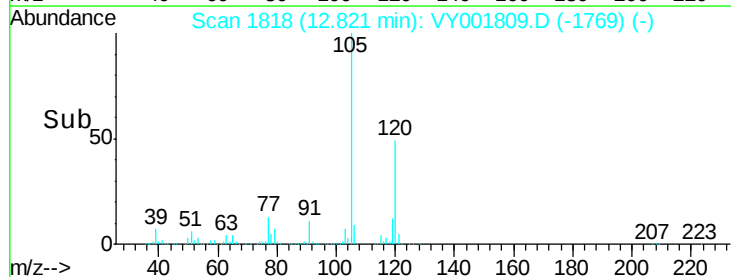
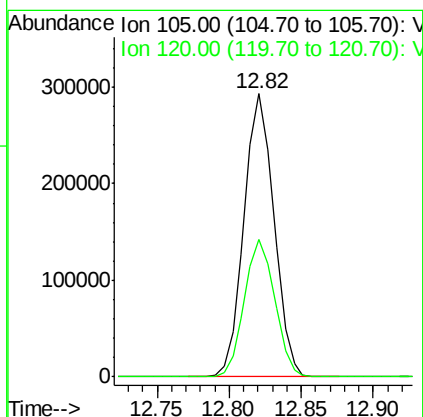
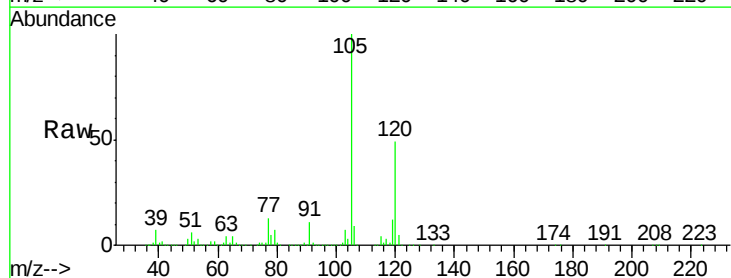
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

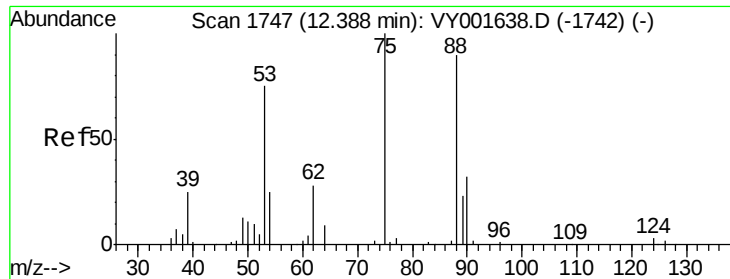
Tgt Ion: 91 Resp: 348442
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 48.62 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 105 Resp: 422754
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.55 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001809.D

Acq: 02 Mar 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

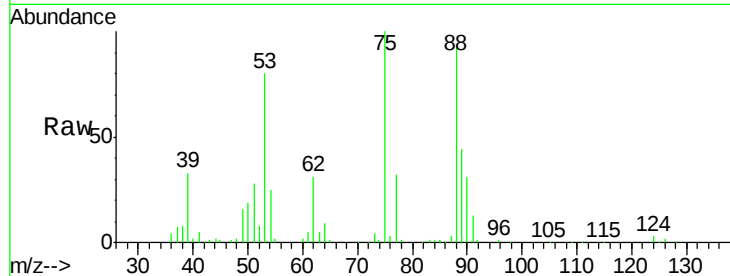
Tgt Ion: 75 Resp: 41305

Ion Ratio Lower Upper

75 100

53 84.1 64.5 96.7

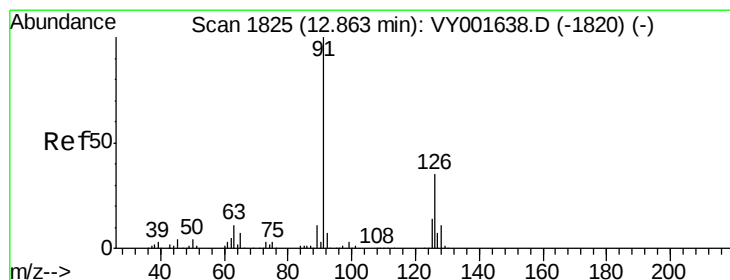
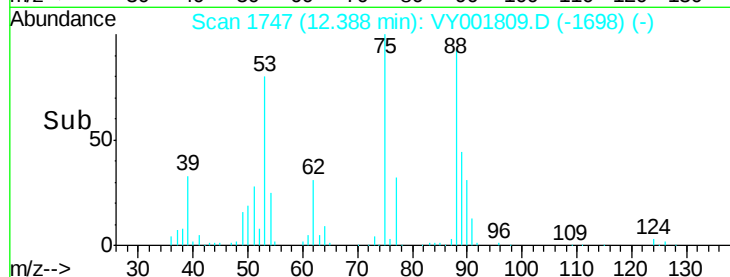
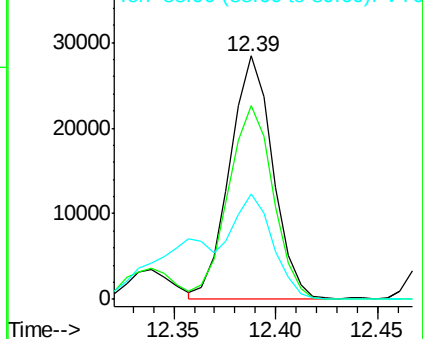
89 42.8 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.78 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001809.D

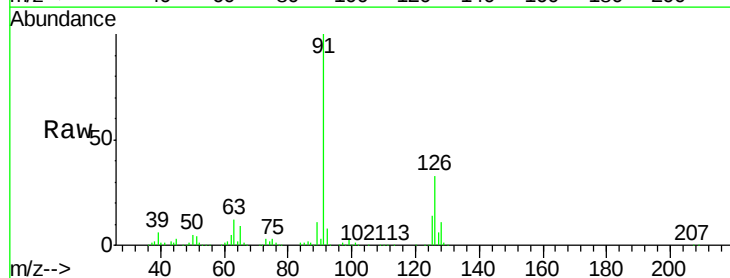
Acq: 02 Mar 2020 10:31

Tgt Ion: 91 Resp: 369132

Ion Ratio Lower Upper

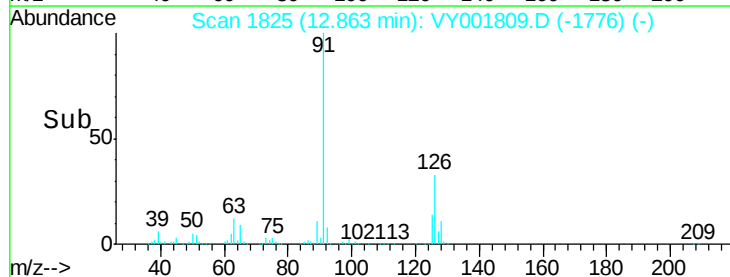
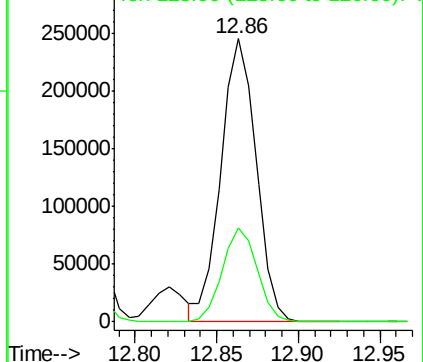
91 100

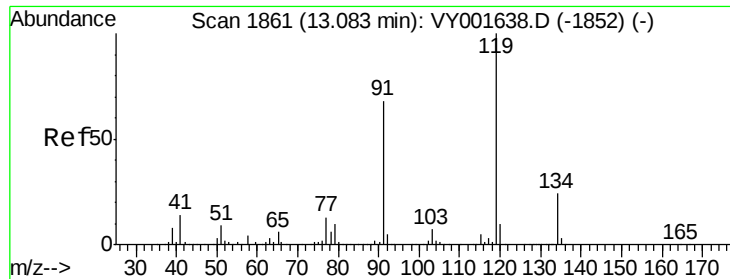
126 33.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

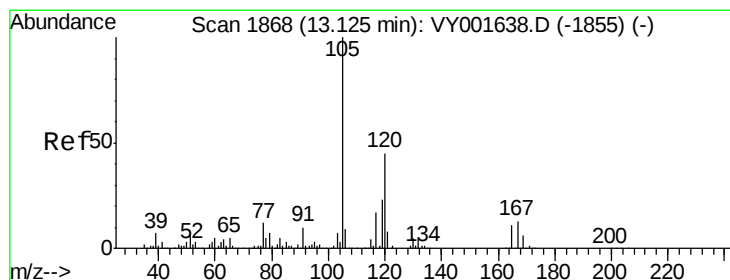
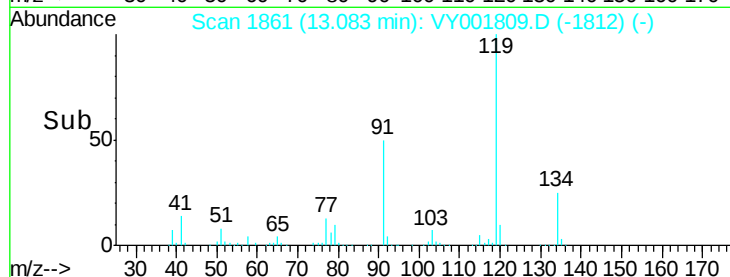
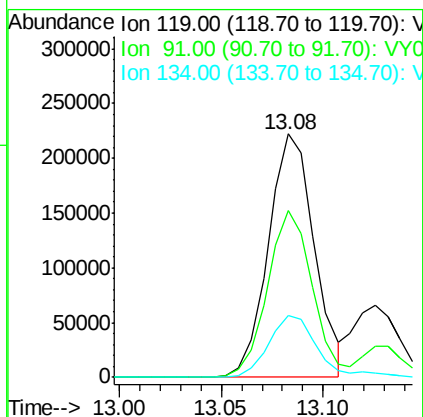
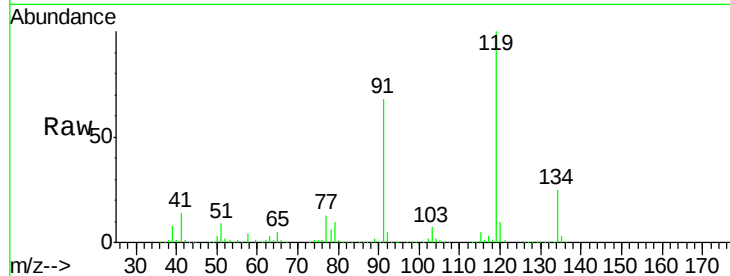




#83
 tert-Butylbenzene
 Concen: 48.02 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

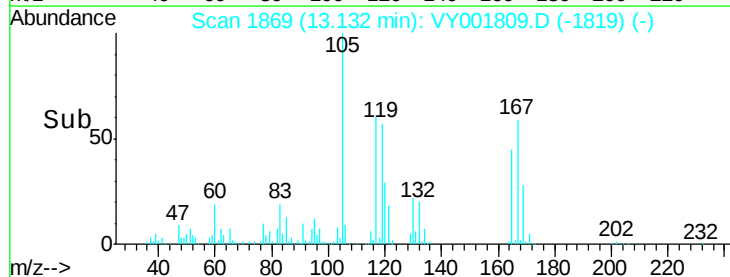
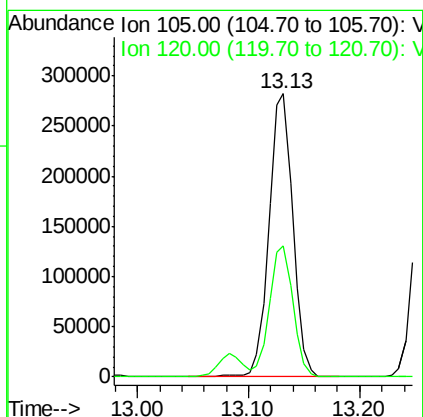
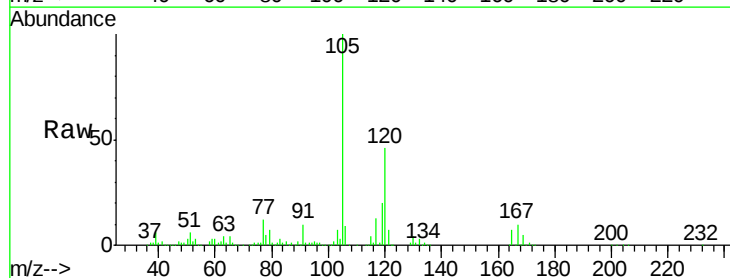
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

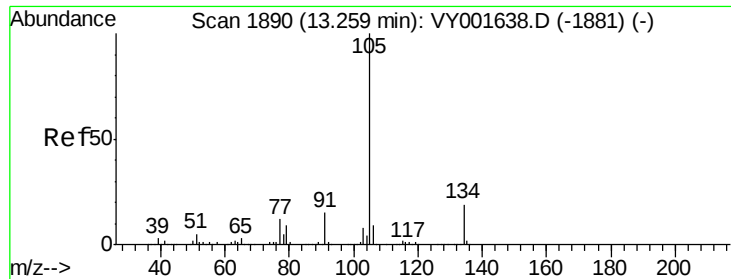
Tgt Ion:119 Resp: 349146
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.5 100.5
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.50 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion:105 Resp: 420358
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.3

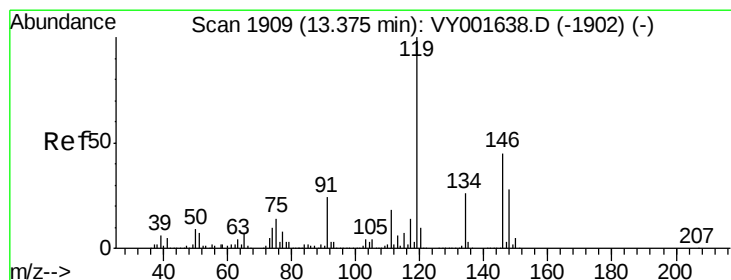
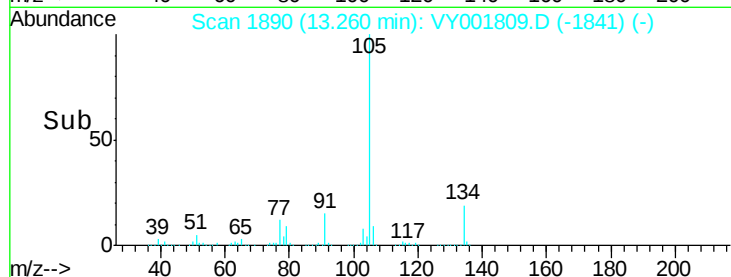
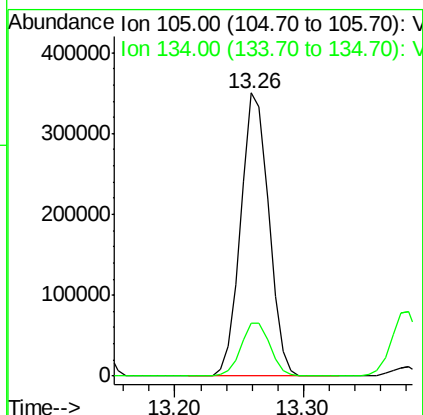
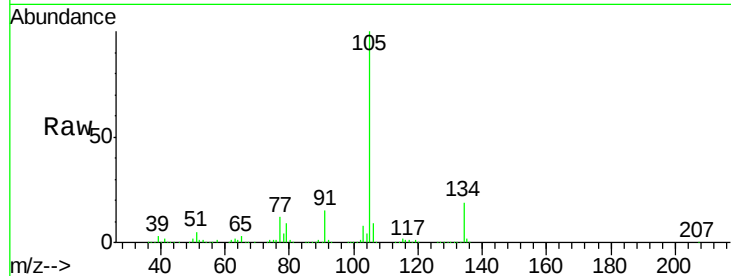




#85
 sec-Butylbenzene
 Concen: 49.25 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

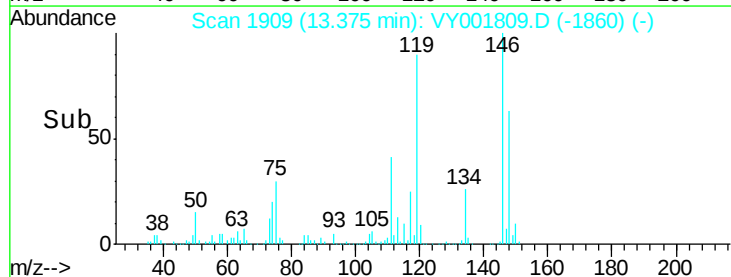
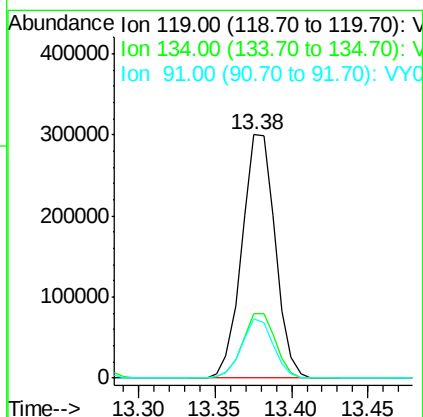
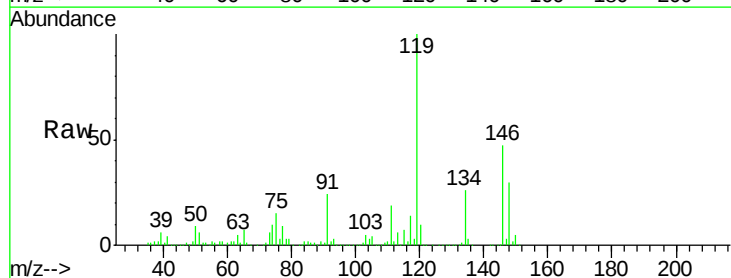
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

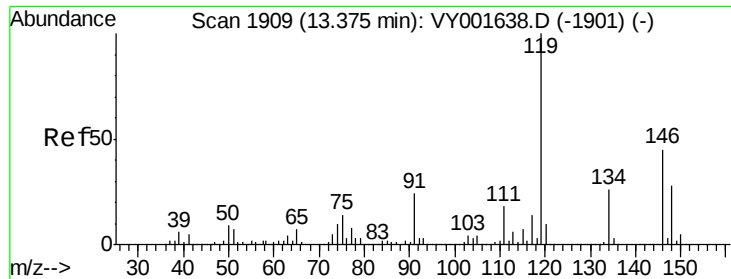
Tgt Ion:105 Resp: 526728
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.72 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion:119 Resp: 452661
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.0 12.2 36.6

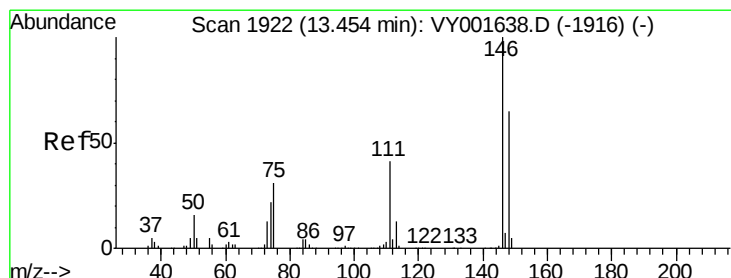
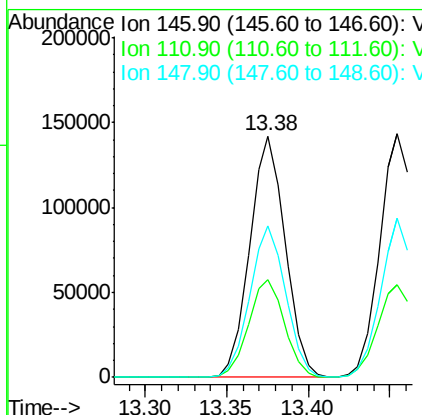
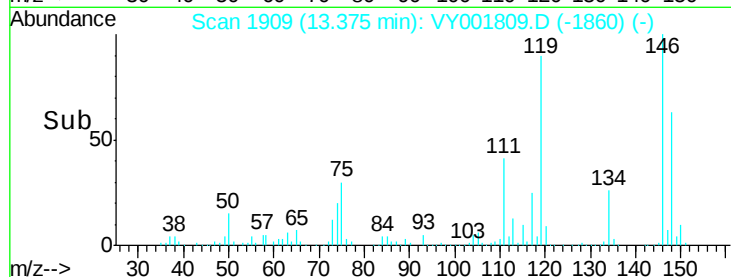
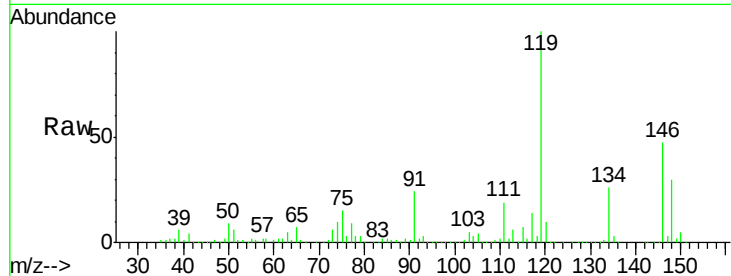




#87
 1,3-Dichlorobenzene
 Concen: 48.66 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

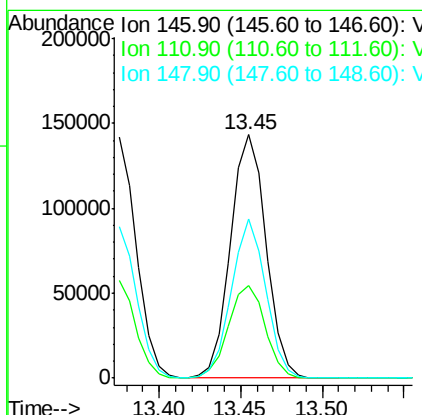
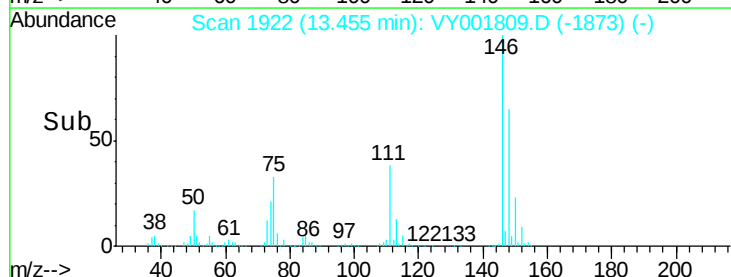
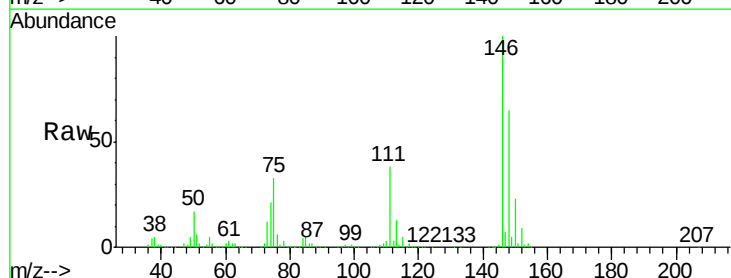
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

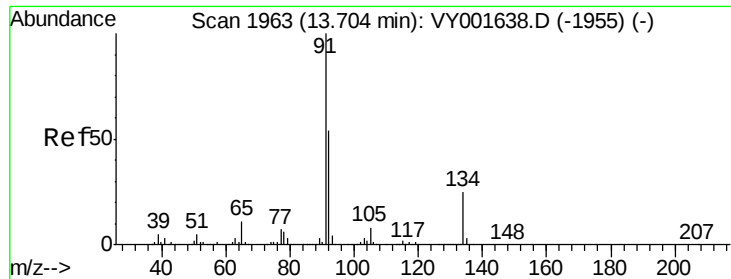
Tgt Ion:146 Resp: 214854
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.4 64.3
 148 63.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.68 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion:146 Resp: 217294
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.3
 148 63.5 31.6 94.7

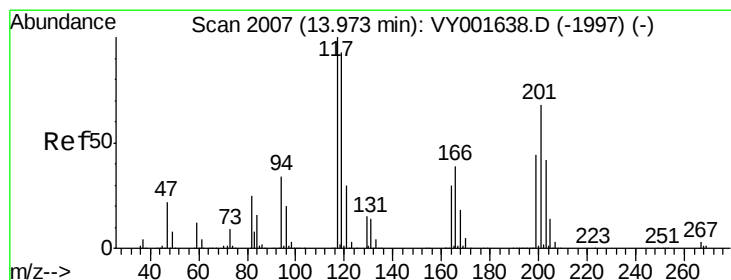
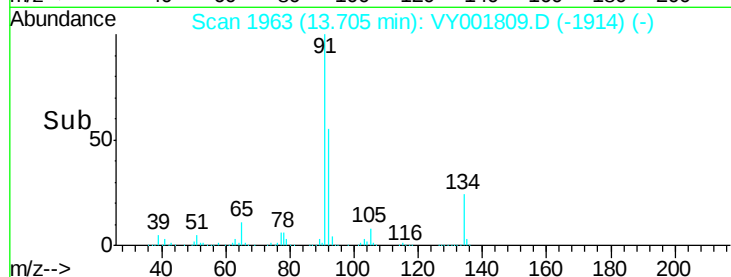
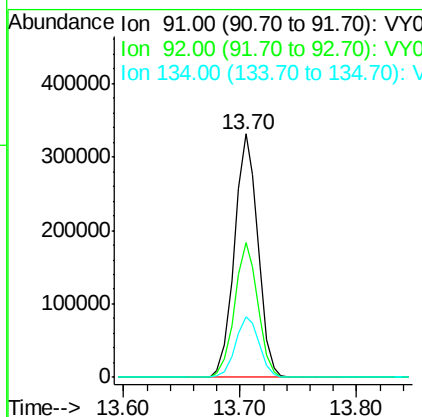
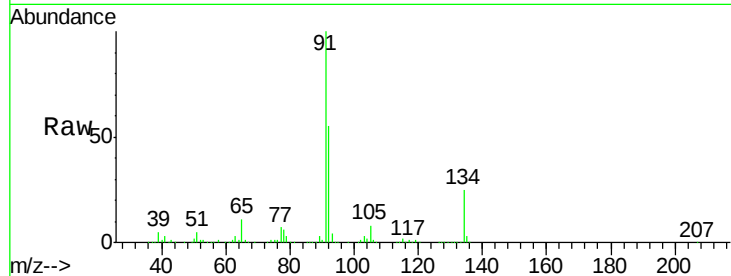




#89
n-Butylbenzene
Concen: 48.95 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

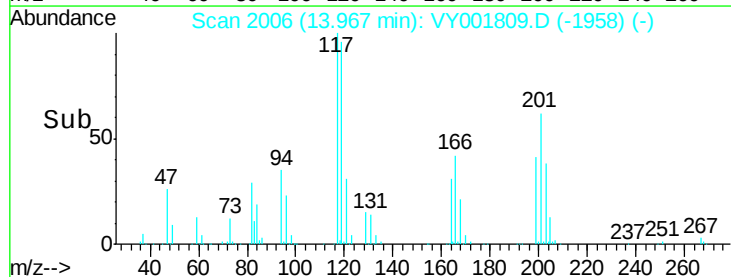
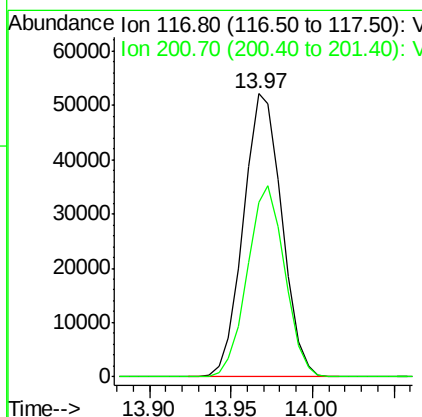
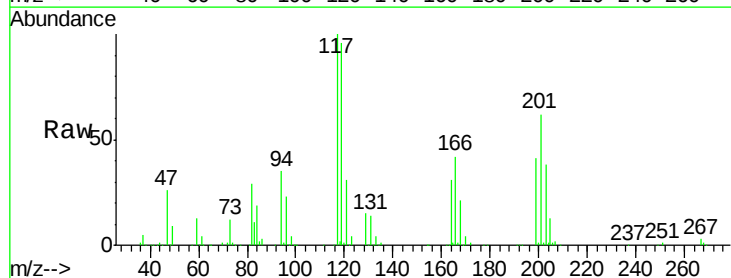
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

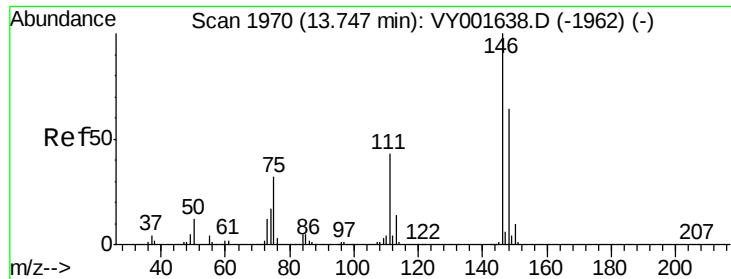
Tgt Ion: 91 Resp: 464670
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 25.0 12.4 37.4



#90
Hexachloroethane
Concen: 49.06 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion: 117 Resp: 85882
Ion Ratio Lower Upper
117 100
201 65.4 32.5 97.4

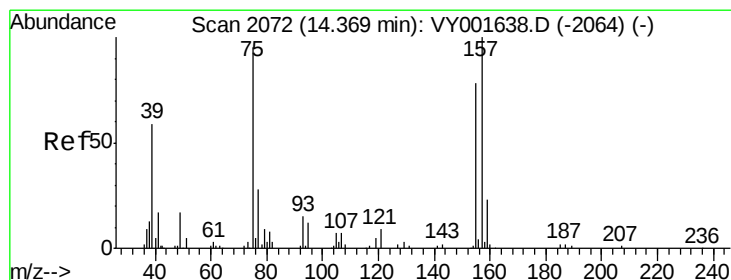
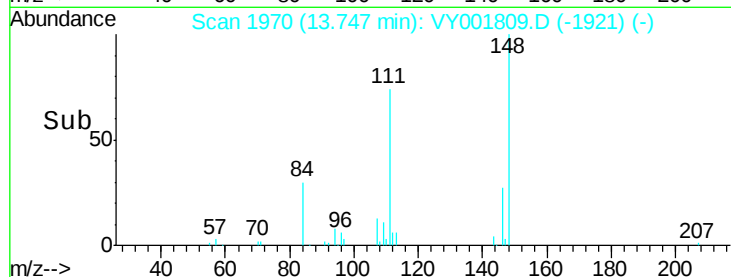
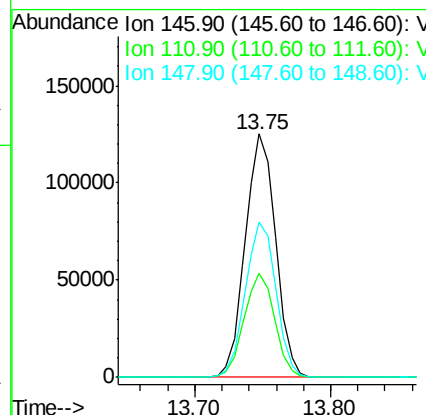
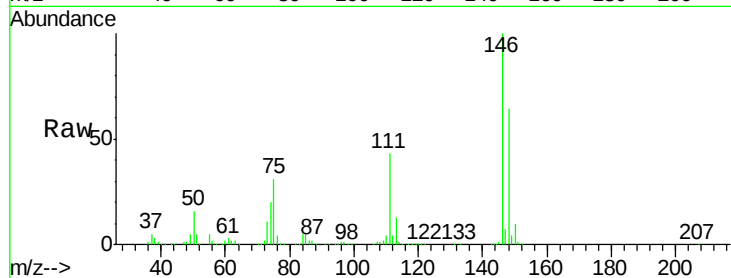




#91
 1,2-Dichlorobenzene
 Concen: 48.16 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

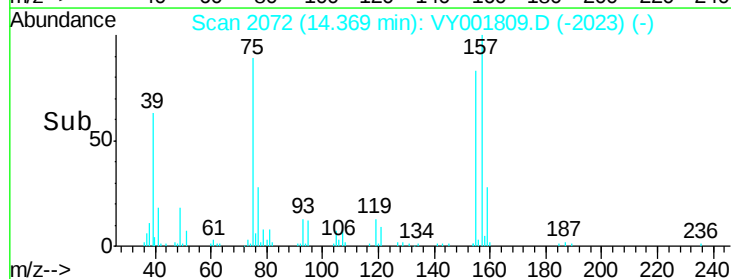
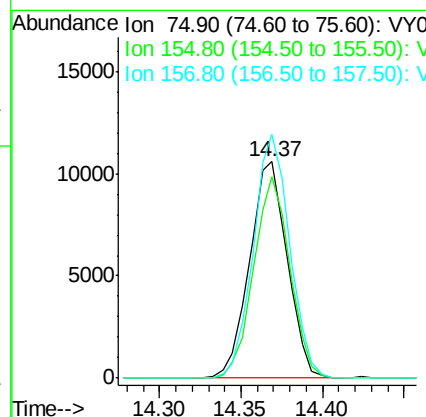
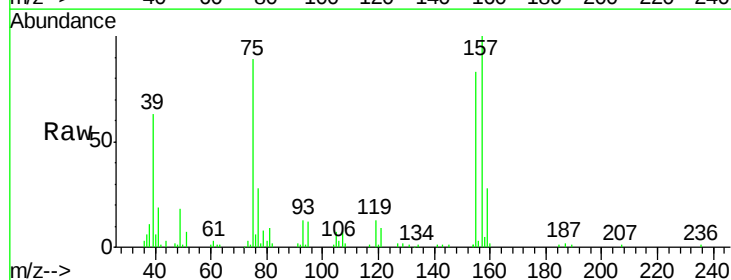
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

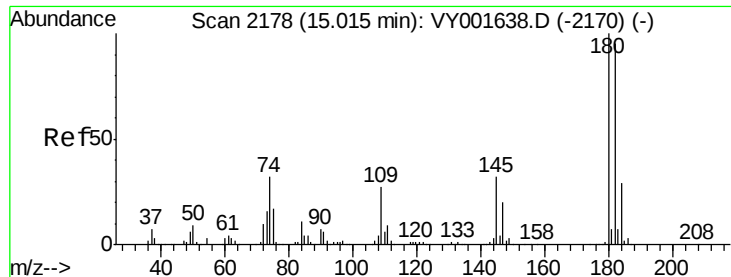
Tgt Ion:146 Resp: 196264
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.9 65.7
 148 64.1 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.05 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion: 75 Resp: 17044
 Ion Ratio Lower Upper
 75 100
 155 89.1 40.8 122.4
 157 108.6 52.1 156.4

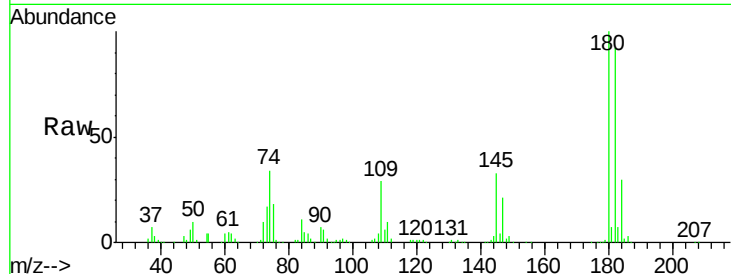




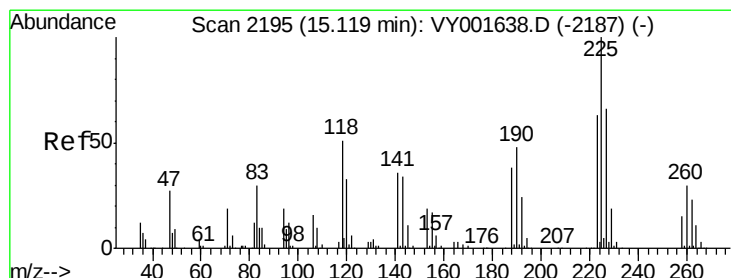
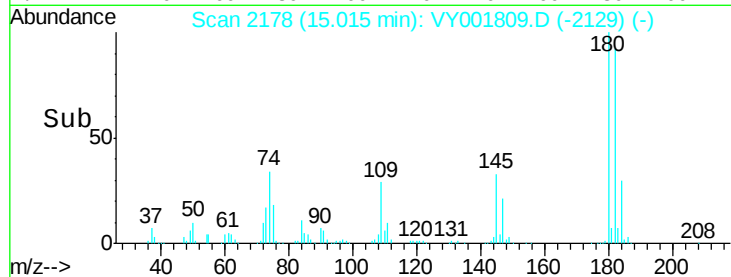
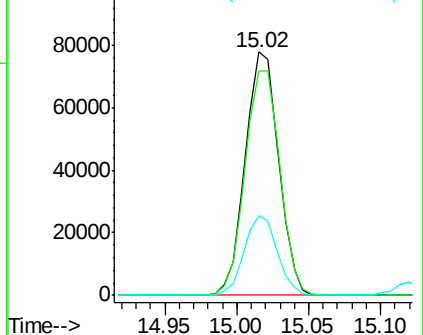
#93
 1,2,4-Trichlorobenzene
 Concen: 46.25 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	32.4	16.2	48.5

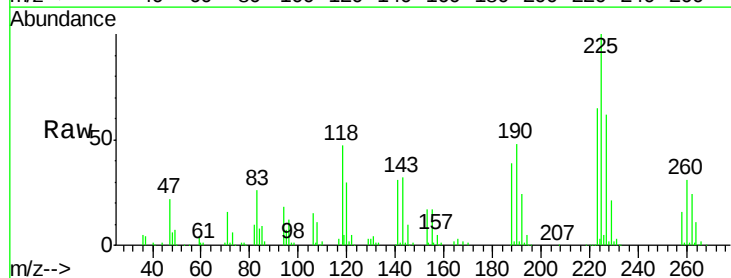


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

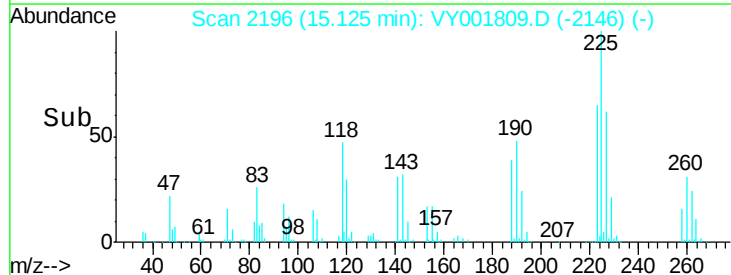
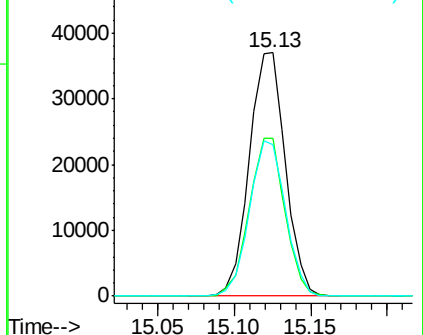


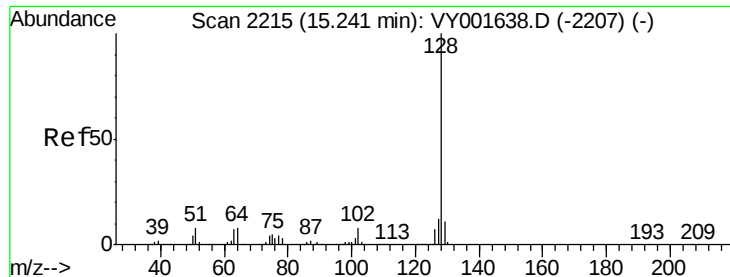
#94
 Hexachlorobutadiene
 Concen: 45.31 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001809.D
 Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.0
227	63.7	31.6	94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

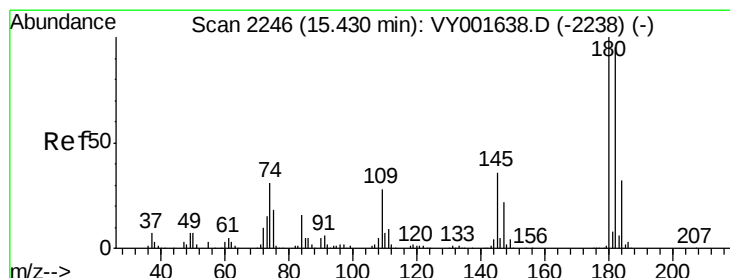
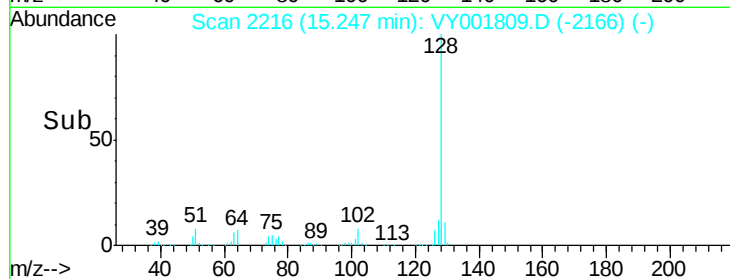
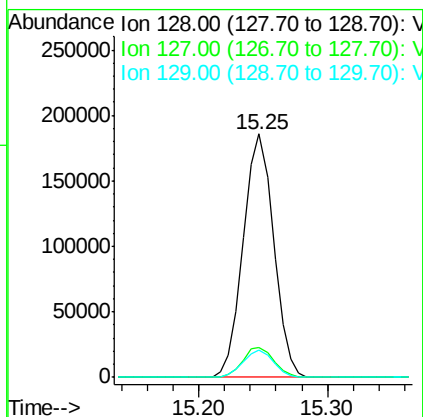
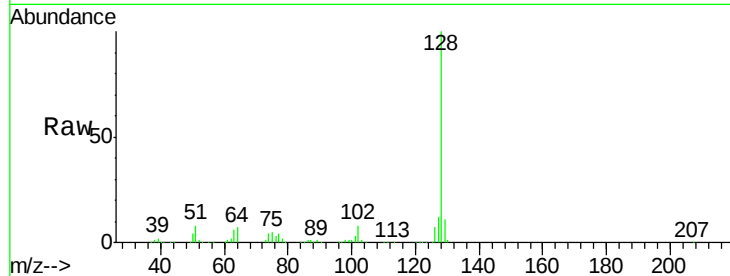




#95
Naphthalene
Concen: 48.73 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.21 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001809.D
Acq: 02 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.2	141.6
145	33.5	17.3	52.0

