

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001086.D
 Acq On : 26 Dec 2019 20:22
 Operator : SY/MD
 Sample : K6438-09
 Misc : 5.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 27 02:14:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	519642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	140924	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	144694	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.18	98	590439	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.48	95	191660	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	95793	38.092	ug/l	99
3) Chloromethane	2.12	50	125713	36.730	ug/l	98
4) Vinyl Chloride	2.26	62	126188	37.965	ug/l	98
5) Bromomethane	2.65	94	86560	40.669	ug/l	94
6) Chloroethane	2.80	64	86476	41.772	ug/l	95
7) Trichlorofluoromethane	3.13	101	196450	40.296	ug/l	99
8) Diethyl Ether	3.54	74	97439	48.964	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	137601	42.968	ug/l	97
10) Methyl Iodide	4.10	142	187884	42.464	ug/l	100
11) Tert butyl alcohol	4.97	59	76975	245.954	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	138008	42.567	ug/l	99
13) Acrolein	3.74	56	87864	226.586	ug/l	100
14) Allyl chloride	4.49	41	221969	44.071	ug/l	99
15) Acrylonitrile	5.18	53	259996	261.417	ug/l	99
16) Acetone	3.96	43	168144	256.426	ug/l	100
17) Carbon Disulfide	4.20	76	364169	34.374	ug/l	98
18) Methyl Acetate	4.49	43	124892	49.645	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	421933	50.422	ug/l	96
20) Methylene Chloride	4.72	84	183256	47.481	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	161522	44.953	ug/l	96
22) Diisopropyl ether	6.13	45	500925	49.205	ug/l	97
23) Vinyl Acetate	6.08	43	1555629	241.957	ug/l	100
24) 1,1-Dichloroethane	6.03	63	286630	47.644	ug/l	99
25) 2-Butanone	7.00	43	294160	255.361	ug/l	97
26) 2,2-Dichloropropane	7.00	77	208420	42.167	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	192812	48.844	ug/l	97
28) Bromochloromethane	7.35	49	123757	52.722	ug/l	97
29) Tetrahydrofuran	7.36	42	199886	243.941	ug/l	98
30) Chloroform	7.52	83	284903	50.082	ug/l	99
31) Cyclohexane	7.80	56	237499	37.542	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	218708	45.069	ug/l	98
36) 1,1-Dichloropropene	7.93	75	210703	42.503	ug/l	99
37) Ethyl Acetate	7.09	43	130585	47.573	ug/l	98
38) Carbon Tetrachloride	7.91	117	188169	43.323	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	264976	40.251	ug/l	99
40) Benzene	8.17	78	686871	45.927	ug/l	99
41) Methacrylonitrile	7.36	41	167854	141.045	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	171139	47.863	ug/l	100
43) Isopropyl Acetate	8.28	43	245845	48.382	ug/l	98
44) Trichloroethene	8.95	130	181809	46.138	ug/l	98
45) 1,2-Dichloropropane	9.22	63	181141	48.280	ug/l	99
46) Dibromomethane	9.32	93	93623	48.408	ug/l	97
47) Bromodichloromethane	9.50	83	218692	48.816	ug/l	99
48) Methyl methacrylate	9.30	41	101745	46.922	ug/l	92
49) 1,4-Dioxane	9.31	88	26942	952.289	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	646156	243.975	ug/l	98
52) Toluene	10.24	92	428891	46.593	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	233873	48.102	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	281856	48.210	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	145145	50.270	ug/l	96
56) Ethyl methacrylate	10.51	69	207896	50.591	ug/l	96
57) 1,3-Dichloropropane	10.79	76	249206	49.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	392691	247.416	ug/l	99
59) 2-Hexanone	10.83	43	435149	237.452	ug/l	97
60) Dibromochloromethane	10.99	129	156515	50.748	ug/l	99
61) 1,2-Dibromoethane	11.09	107	136086	49.288	ug/l	99
64) Tetrachloroethene	10.72	164	191581	47.409	ug/l	97
65) Chlorobenzene	11.52	112	458687	47.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	159053	49.750	ug/l	98
67) Ethyl Benzene	11.59	91	806591	46.288	ug/l	96
68) m/p-Xylenes	11.70	106	616772	93.219	ug/l	98
69) o-Xylene	12.03	106	293268	47.115	ug/l	99
70) Styrene	12.04	104	517358	48.882	ug/l	98
71) Bromoform	12.20	173	89774	50.430	ug/l #	99
73) Isopropylbenzene	12.33	105	756236	46.778	ug/l	99
74) N-amyl acetate	12.14	43	197899	46.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	161036	50.564	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	213371	82.848	ug/l #	100
77) Bromobenzene	12.61	156	177544	48.831	ug/l	98
78) n-propylbenzene	12.67	91	912243	46.309	ug/l	100
79) 2-Chlorotoluene	12.75	91	505035	46.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	617865	46.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59612	49.366	ug/l	94
82) 4-Chlorotoluene	12.85	91	518979	45.930	ug/l	98
83) tert-Butylbenzene	13.07	119	532344	47.856	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	614807	46.169	ug/l	99
85) sec-Butylbenzene	13.25	105	758919	46.278	ug/l	99
86) p-Isopropyltoluene	13.36	119	648814	45.724	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	332076	47.554	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	333041	47.277	ug/l	99
89) n-Butylbenzene	13.69	91	632323	44.291	ug/l	99
90) Hexachloroethane	13.95	117	126399	47.280	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	303032	47.043	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	24611	46.188	ug/l	98

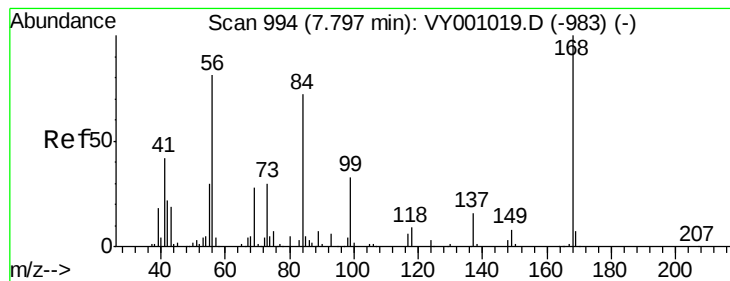
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	193266	44.450	ug/l	99
94) Hexachlorobutadiene	15.11	225	89274	43.148	ug/l	99
95) Naphthalene	15.23	128	473960	46.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	174778	45.076	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

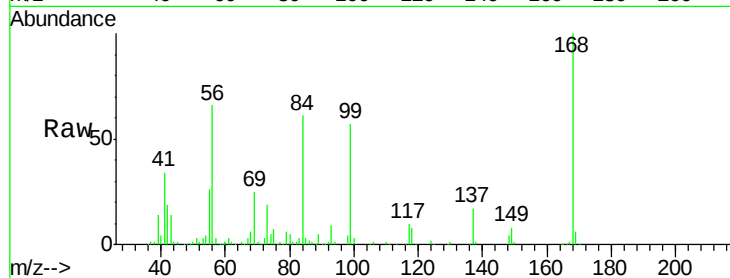
VSTDCCC050EC

Tgt Ion:168 Resp: 288595

Ion Ratio Lower Upper

168 100

99 57.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

100000

50000

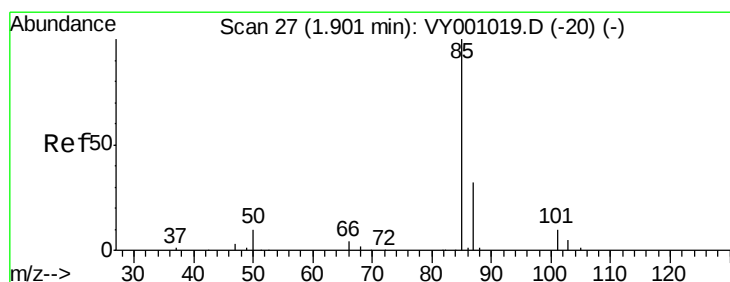
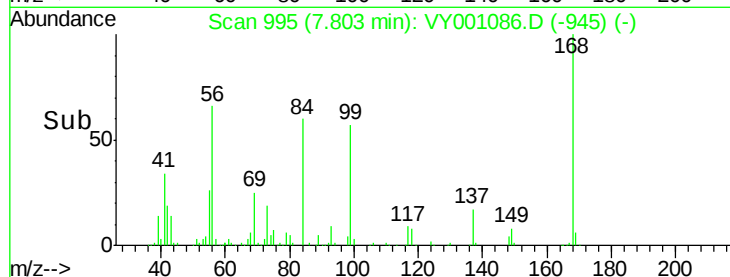
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.092 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001086.D

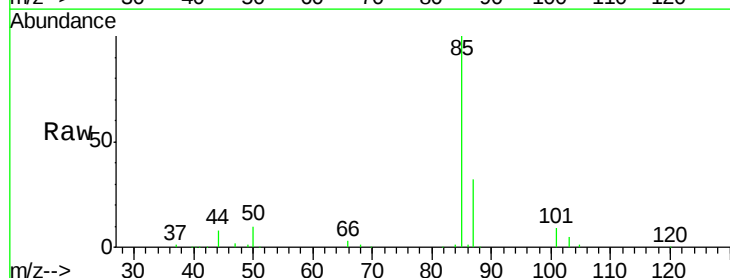
Acq: 26 Dec 2019 20:22

Tgt Ion: 85 Resp: 95793

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.91

60000

40000

20000

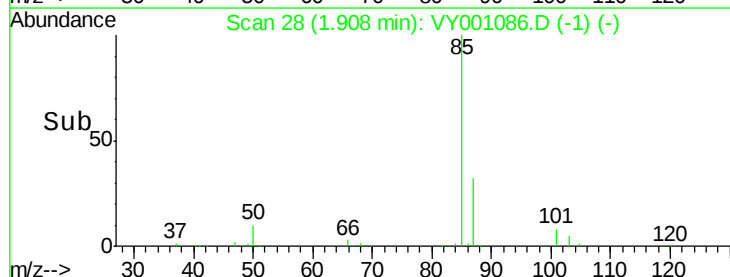
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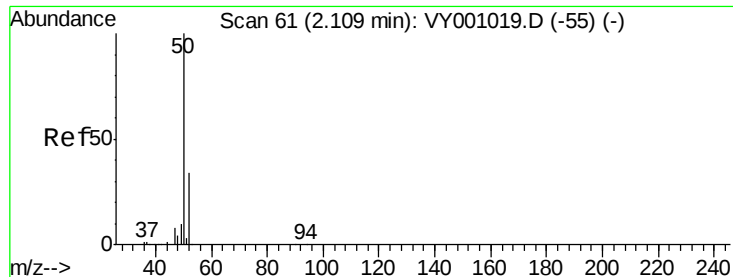
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 36.730 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

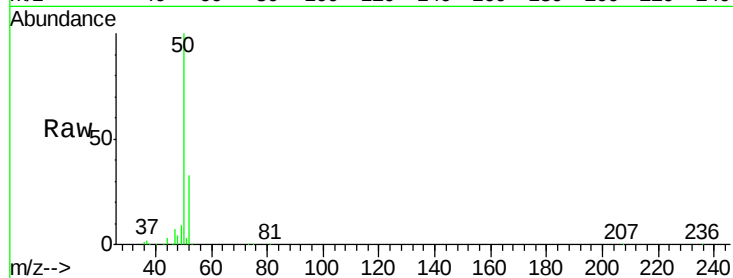
VSTDCCC050EC

Tgt Ion: 50 Resp: 125713

Ion Ratio Lower Upper

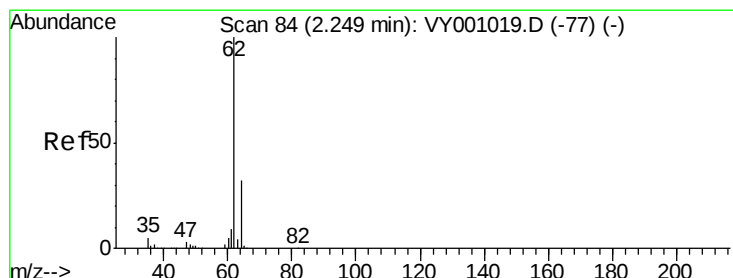
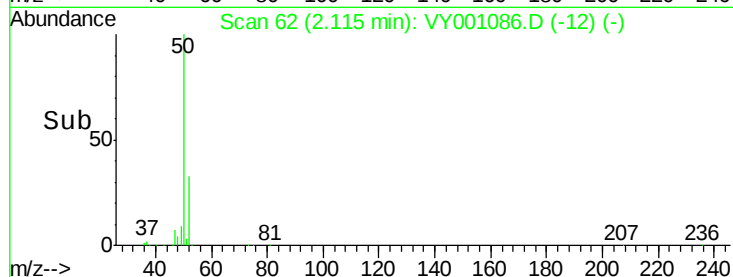
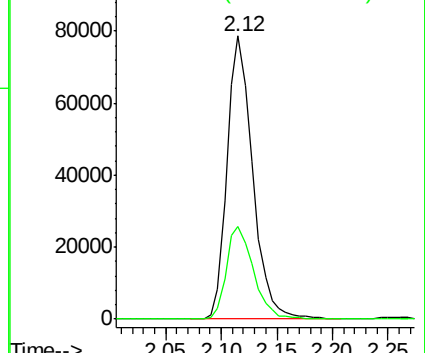
50 100

52 32.7 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 37.965 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001086.D

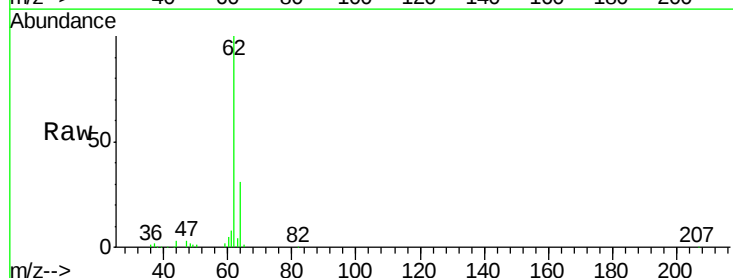
Acq: 26 Dec 2019 20:22

Tgt Ion: 62 Resp: 126188

Ion Ratio Lower Upper

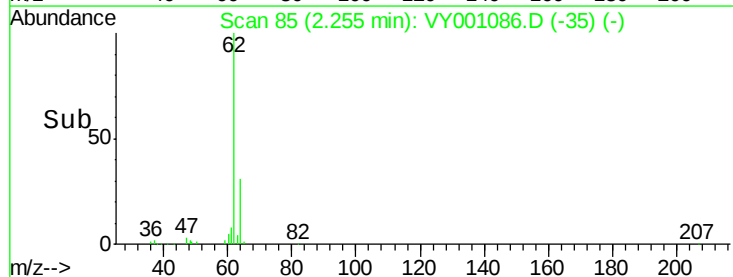
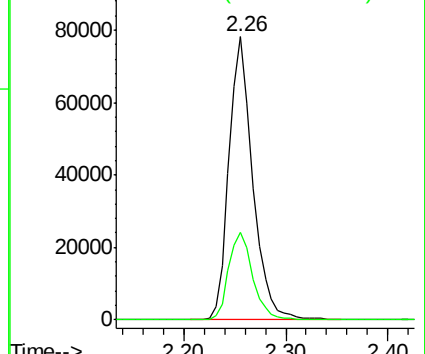
62 100

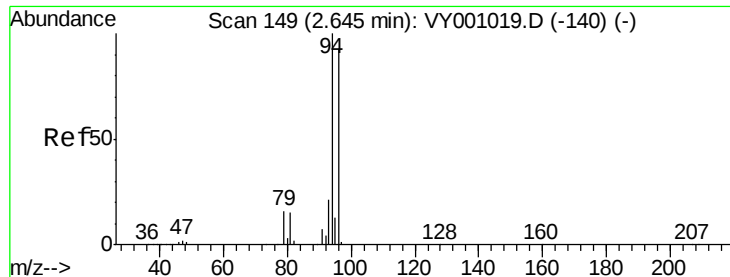
64 31.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 40.669 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

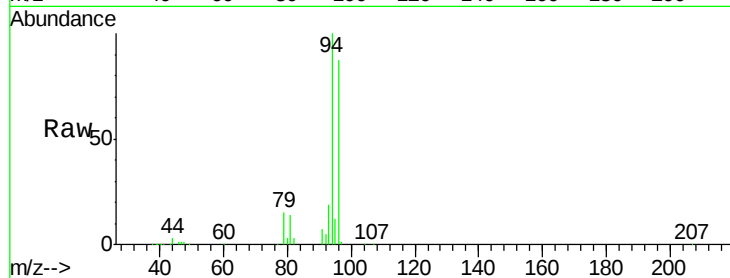
VSTDCCC050EC

Tgt Ion: 94 Resp: 86560

Ion Ratio Lower Upper

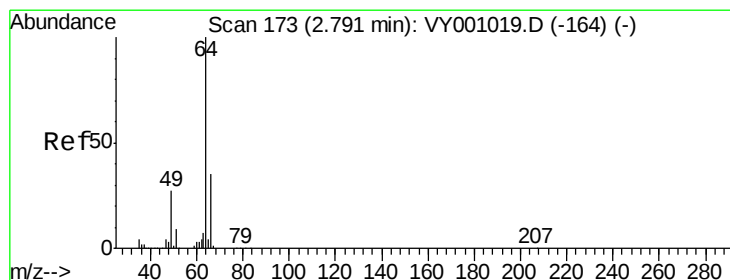
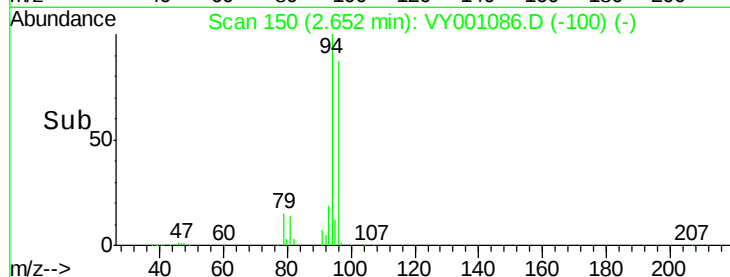
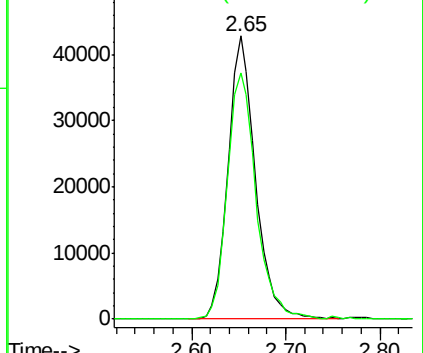
94 100

96 87.0 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 41.772 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001086.D

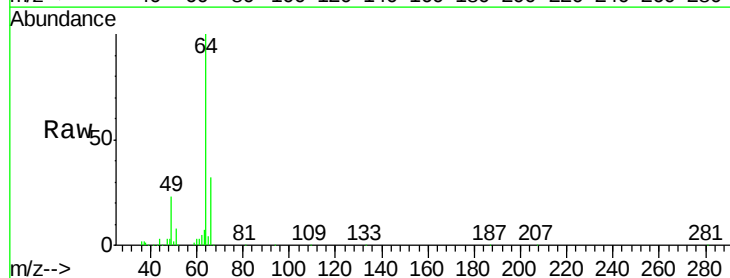
Acq: 26 Dec 2019 20:22

Tgt Ion: 64 Resp: 86476

Ion Ratio Lower Upper

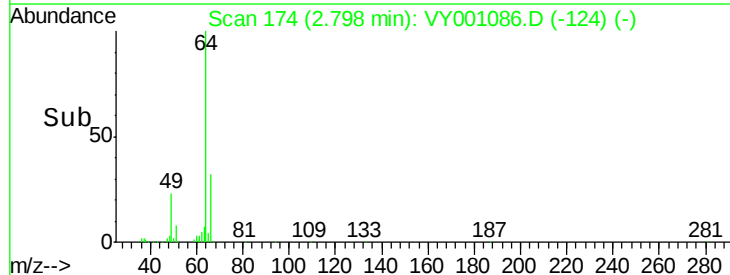
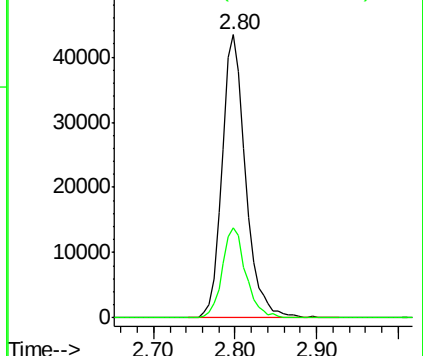
64 100

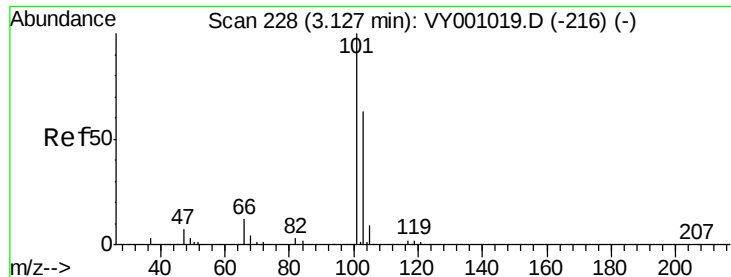
66 31.7 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



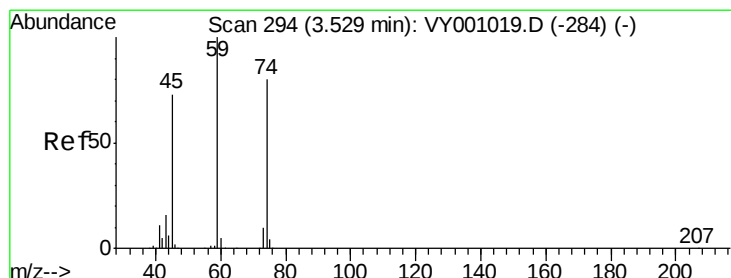
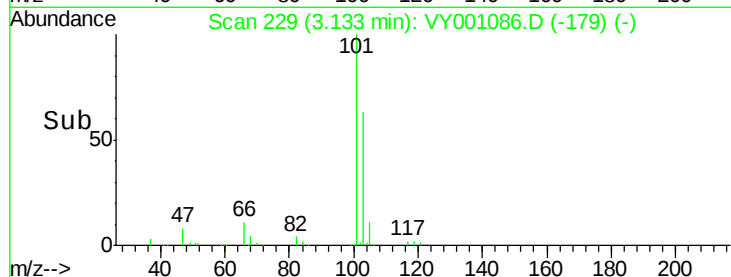
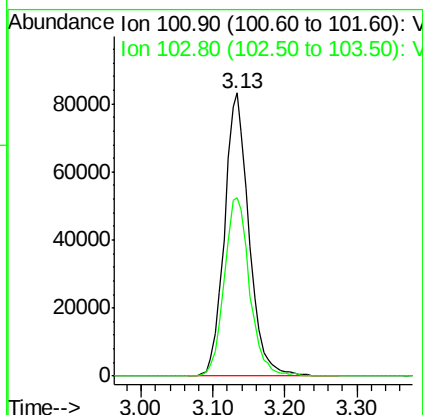
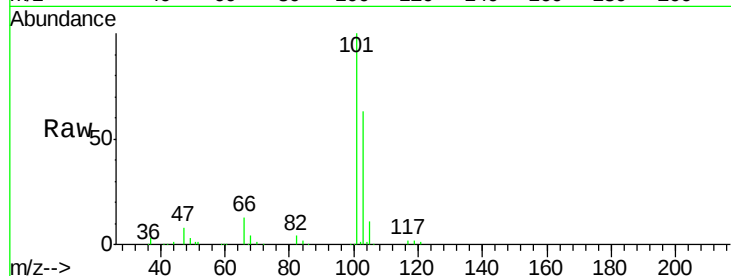


#7

Trichlorofluoromethane
Concen: 40.296 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

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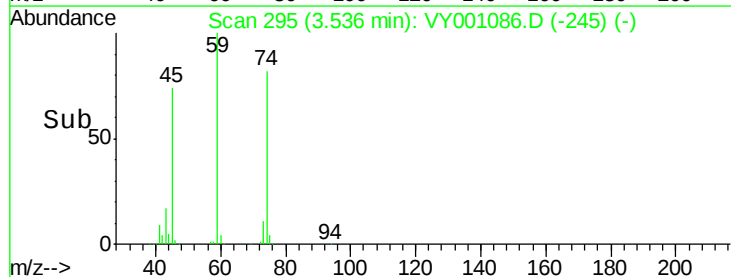
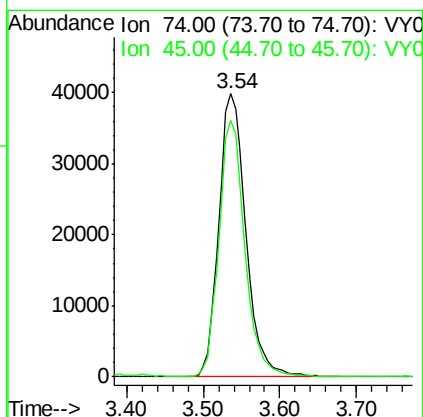
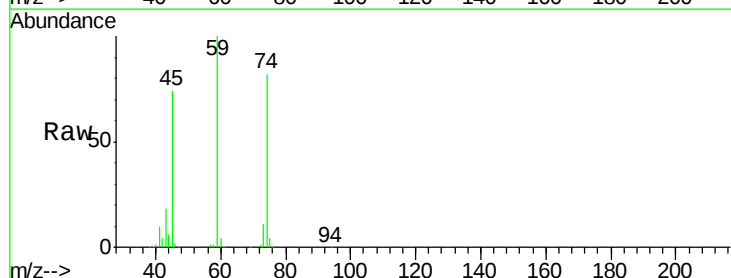
Tgt Ion:101 Resp: 196450
Ion Ratio Lower Upper
101 100
103 63.2 50.2 75.2

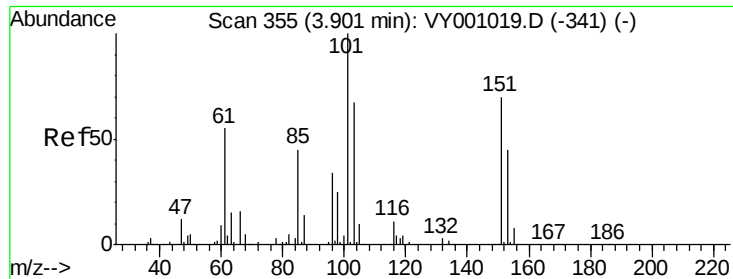


#8

Diethyl Ether
Concen: 48.964 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 74 Resp: 97439
Ion Ratio Lower Upper
74 100
45 87.6 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.968 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

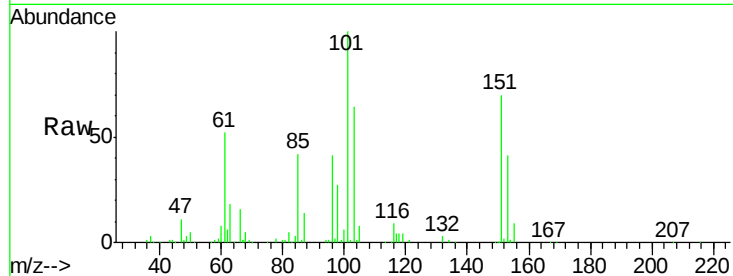
Tgt Ion:101 Resp: 137601

Ion Ratio Lower Upper

101 100

85 43.7 34.2 51.2

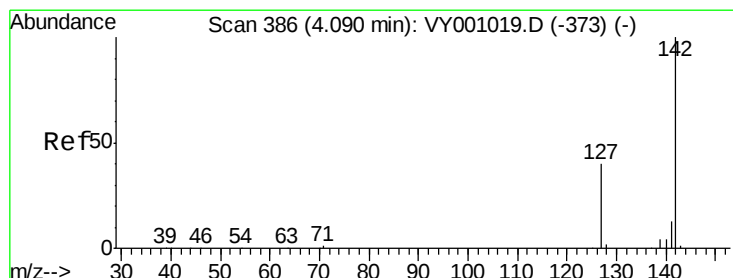
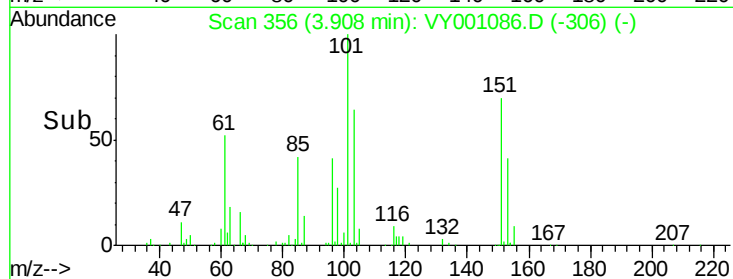
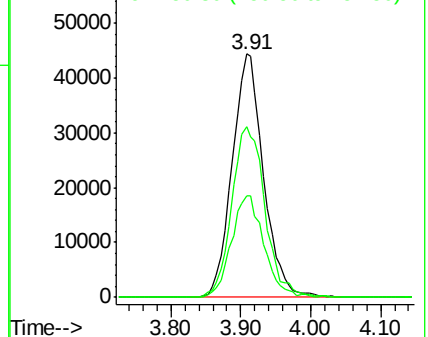
151 74.6 57.0 85.6



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: 42.464 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

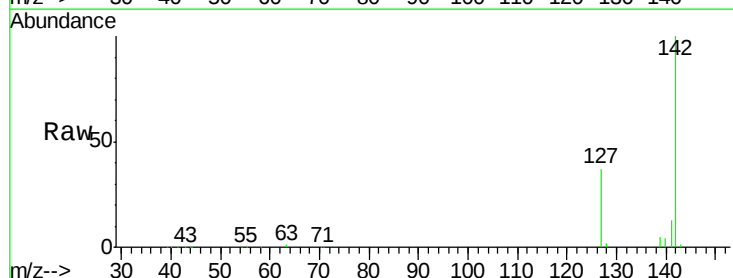
Tgt Ion:142 Resp: 187884

Ion Ratio Lower Upper

142 100

127 38.7 31.2 46.8

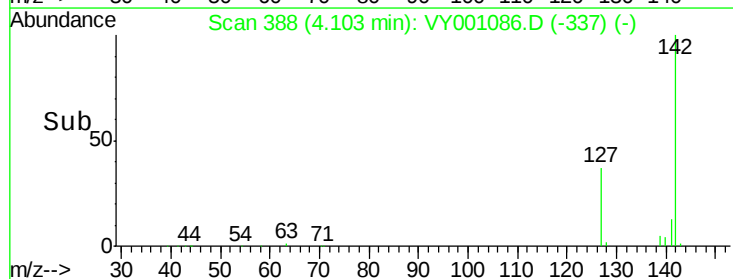
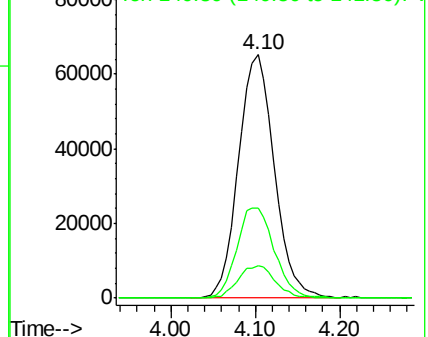
141 13.8 11.0 16.4

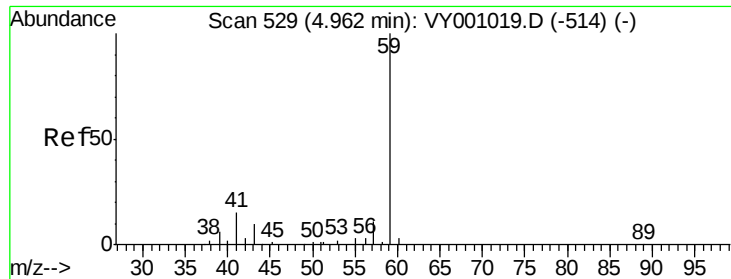


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

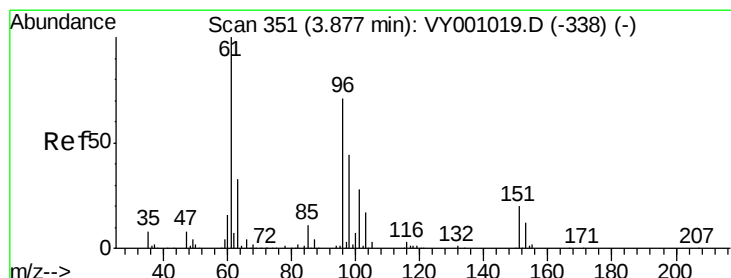
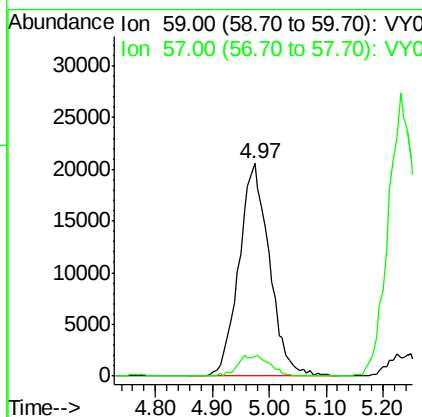
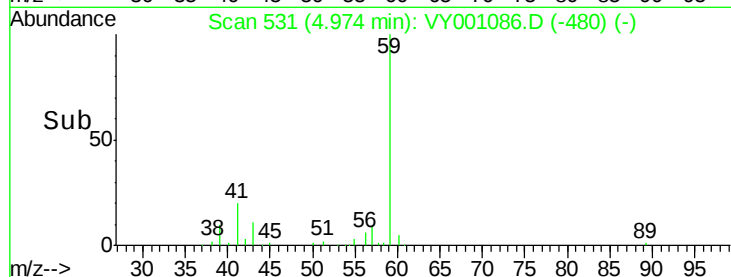
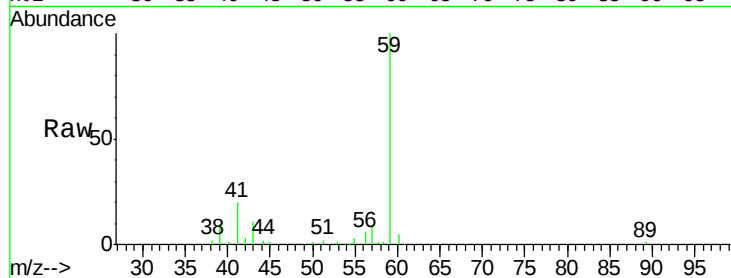




#11
Tert butyl alcohol
Concen: 245.954 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

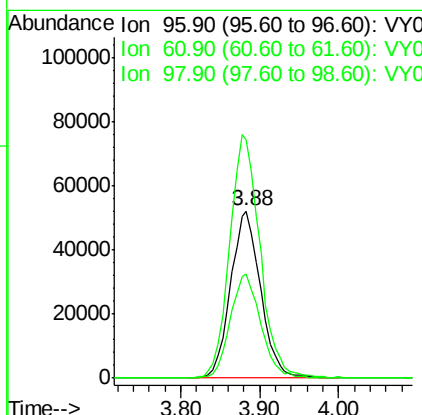
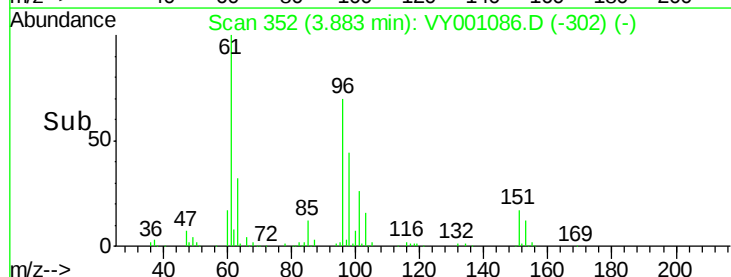
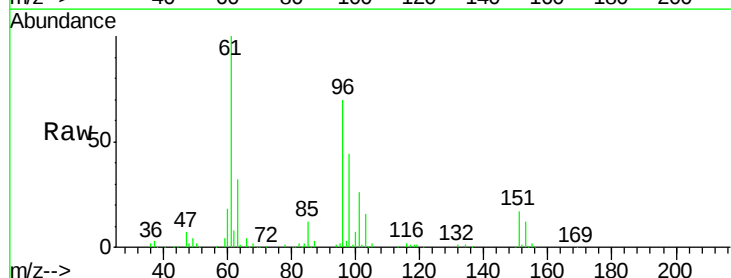
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

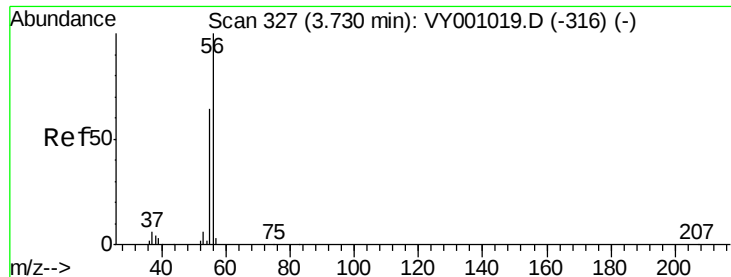
Tgt Ion: 59 Resp: 76975
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 42.567 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 96 Resp: 138008
Ion Ratio Lower Upper
96 100
61 142.2 113.0 169.4
98 62.1 49.8 74.8





#13

Acrolein

Concen: 226.586 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

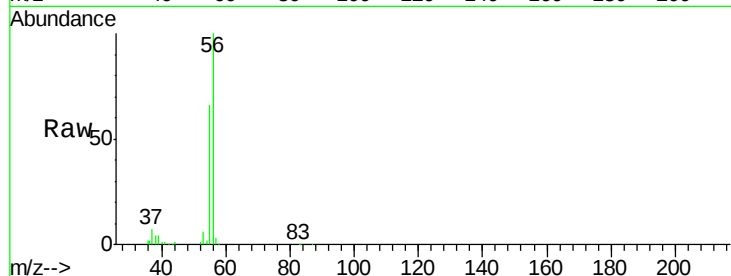
VSTDCCC050EC

Tgt Ion: 56 Resp: 87864

Ion Ratio Lower Upper

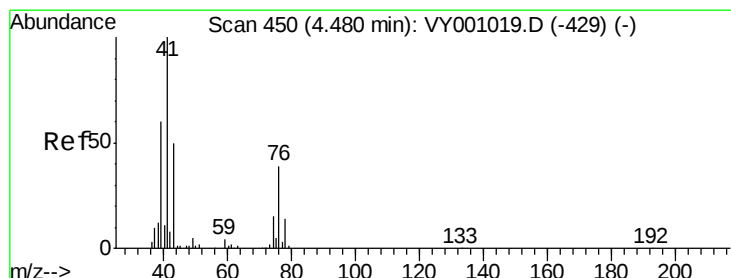
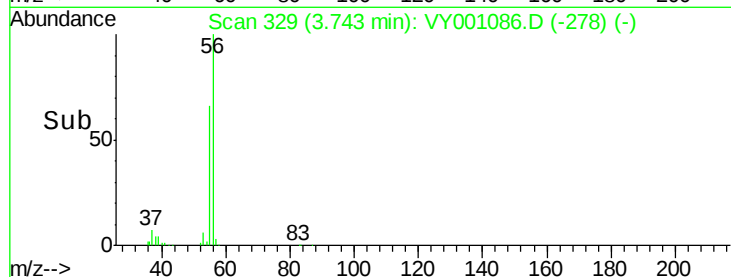
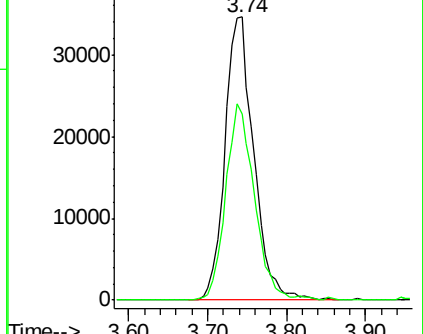
56 100

55 69.3 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-316) (-)

Ion 55.00 (54.70 to 55.70): VY001019.D (-316) (-)



#14

Allyl chloride

Concen: 44.071 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

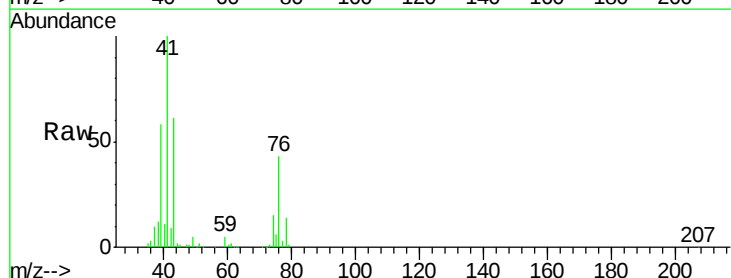
Tgt Ion: 41 Resp: 221969

Ion Ratio Lower Upper

41 100

39 56.9 46.0 69.0

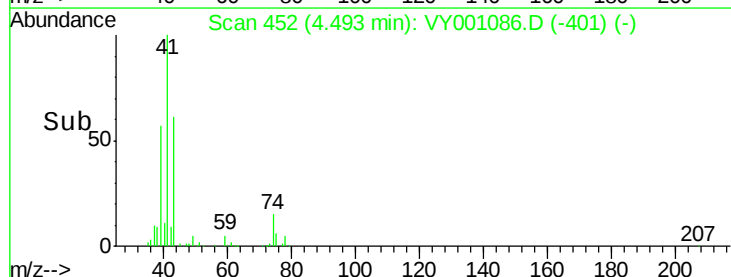
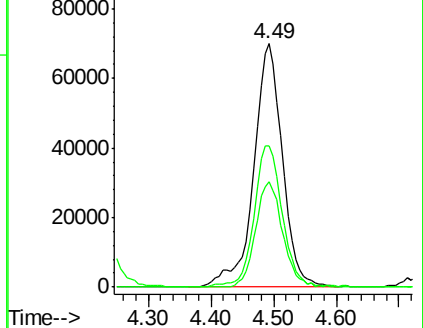
76 40.9 32.6 48.8

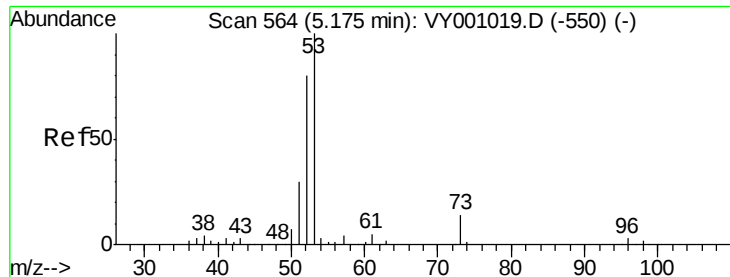


Abundance Ion 41.00 (40.70 to 41.70): VY001019.D (-429) (-)

Ion 39.00 (38.70 to 39.70): VY001019.D (-429) (-)

Ion 75.90 (75.60 to 76.60): VY001019.D (-429) (-)





#15

Acrylonitrile

Concen: 261.417 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

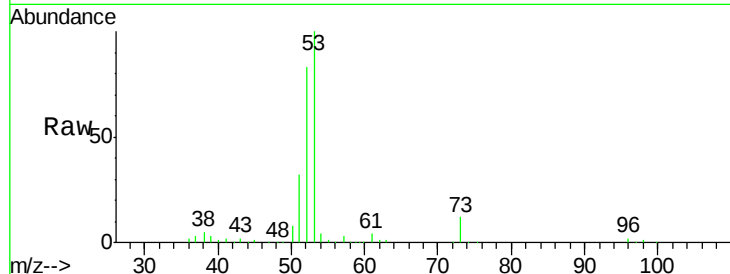
Tgt Ion: 53 Resp: 259996

Ion Ratio Lower Upper

53 100

52 80.5 63.6 95.4

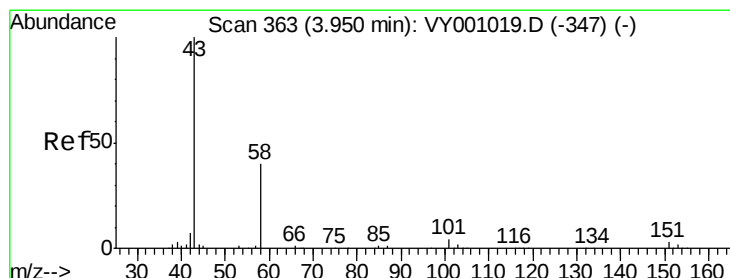
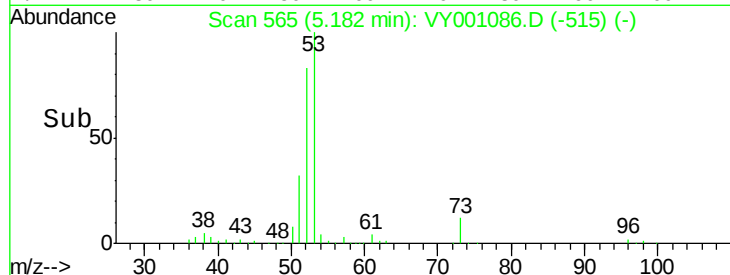
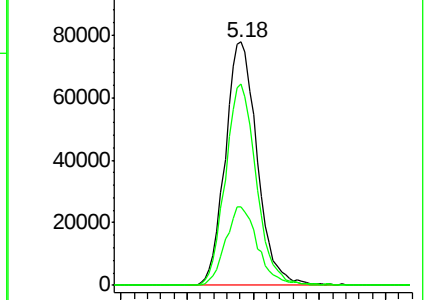
51 32.8 26.7 40.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 256.426 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001086.D

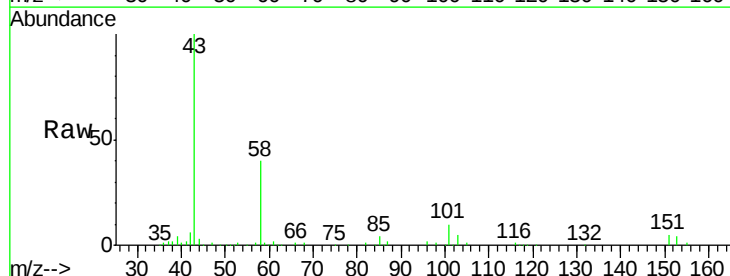
Acq: 26 Dec 2019 20:22

Tgt Ion: 43 Resp: 168144

Ion Ratio Lower Upper

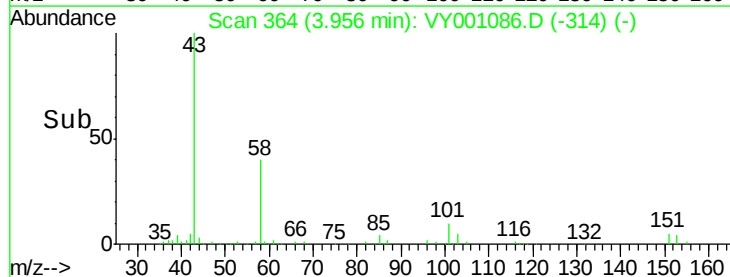
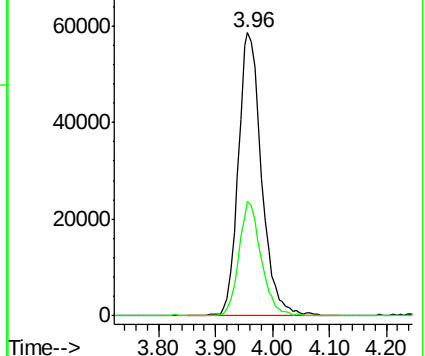
43 100

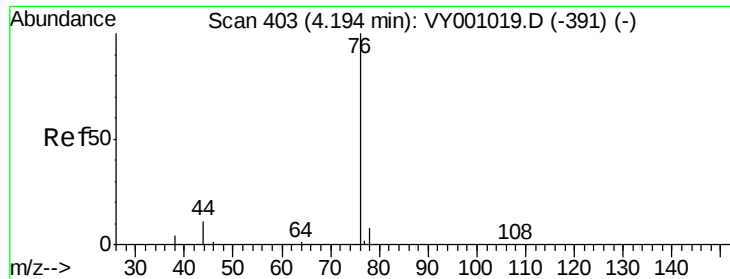
58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

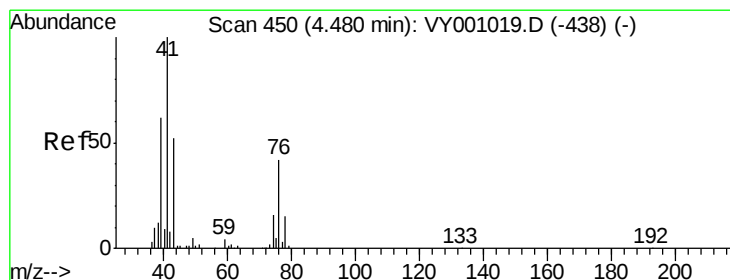
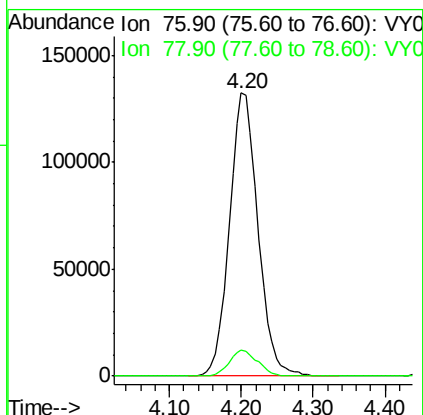
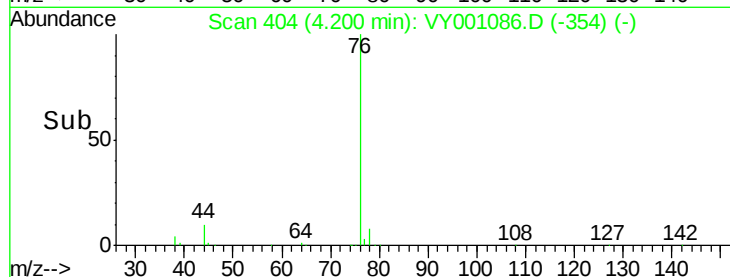
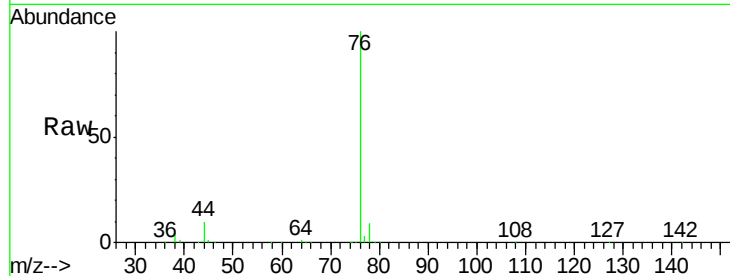




#17
Carbon Disulfide
Concen: 34.374 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

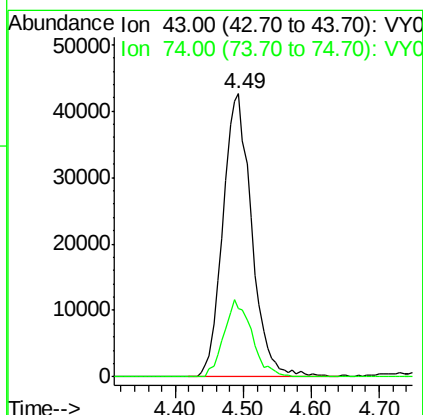
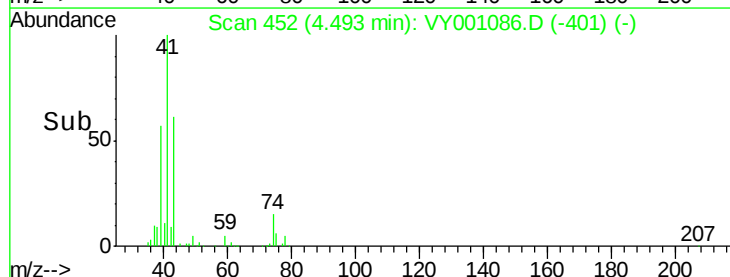
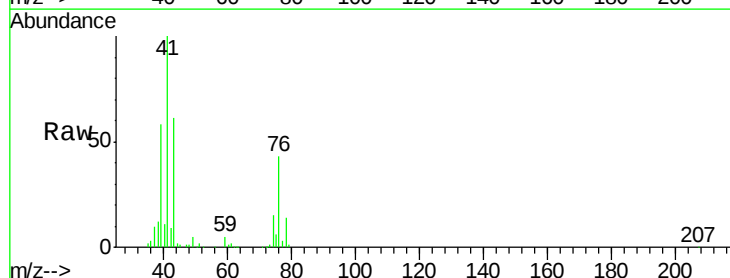
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

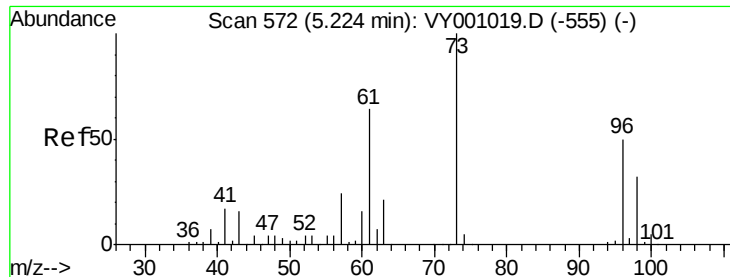
Tgt Ion: 76 Resp: 364169
Ion Ratio Lower Upper
76 100
78 9.1 6.7 10.1



#18
Methyl Acetate
Concen: 49.645 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 43 Resp: 124892
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1

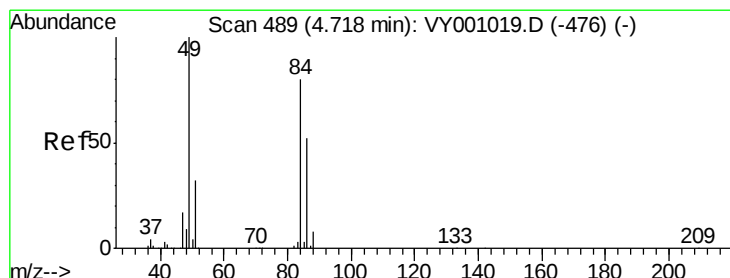
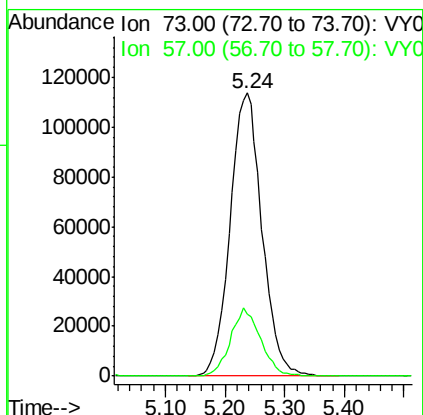
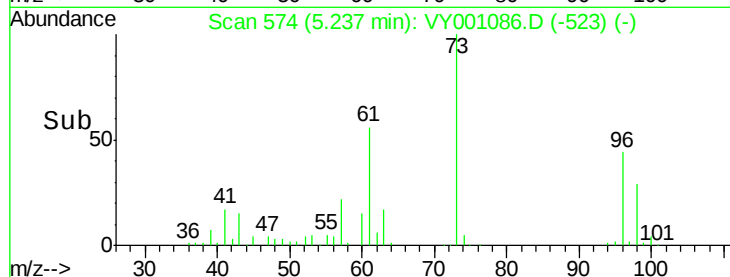
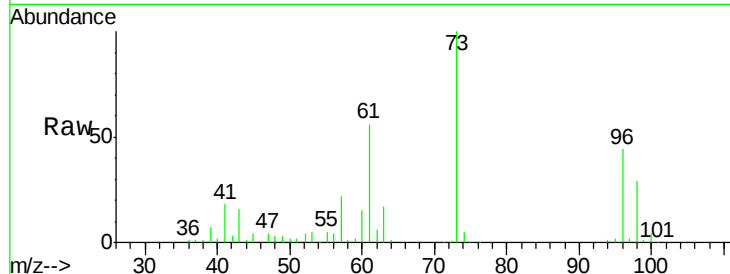




#19
Methyl tert-butyl Ether
Concen: 50.422 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

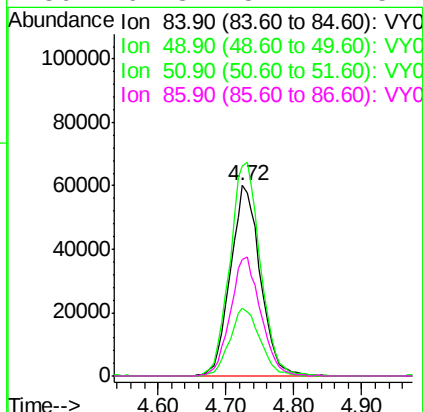
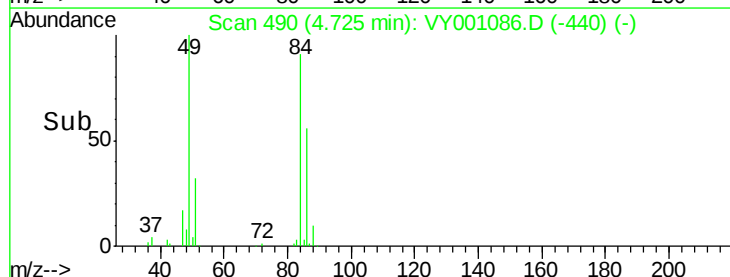
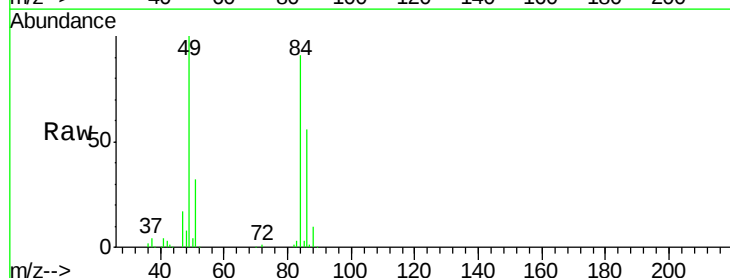
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

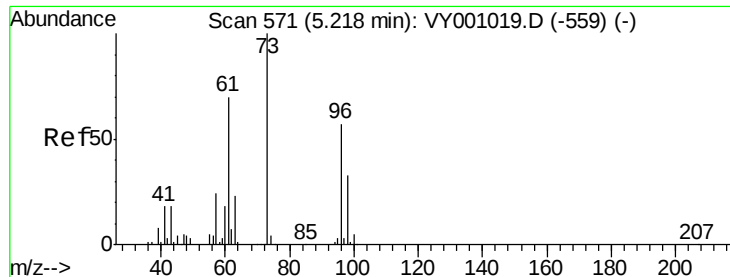
Tgt Ion: 73 Resp: 421933
Ion Ratio Lower Upper
73 100
57 22.0 19.0 28.6



#20
Methylene Chloride
Concen: 47.481 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 84 Resp: 183256
Ion Ratio Lower Upper
84 100
49 110.3 99.8 149.6
51 35.3 31.4 47.2
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 44.953 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

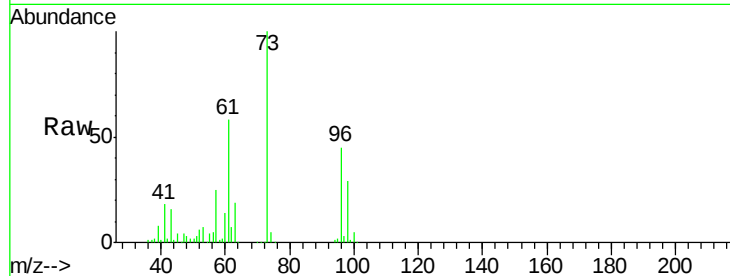
Tgt Ion: 96 Resp: 161522

Ion Ratio Lower Upper

96 100

61 126.8 98.1 147.1

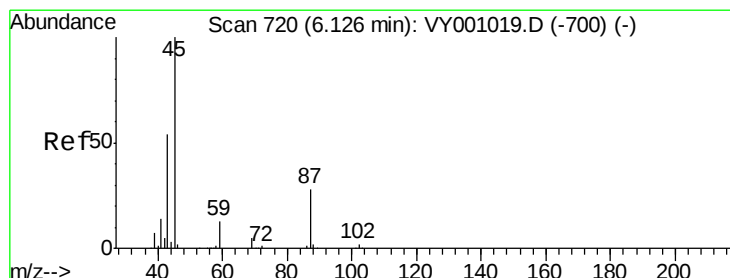
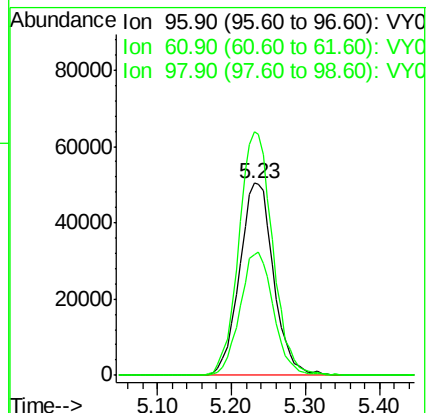
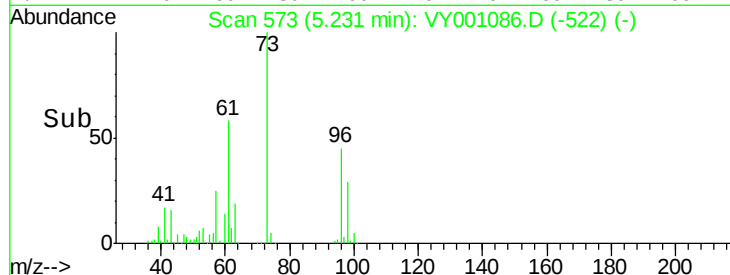
98 63.0 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.205 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion: 45 Resp: 500925

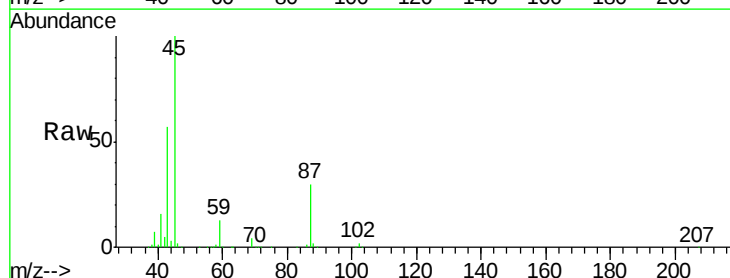
Ion Ratio Lower Upper

45 100

43 56.8 43.6 65.4

87 30.4 23.1 34.7

59 13.2 10.2 15.4

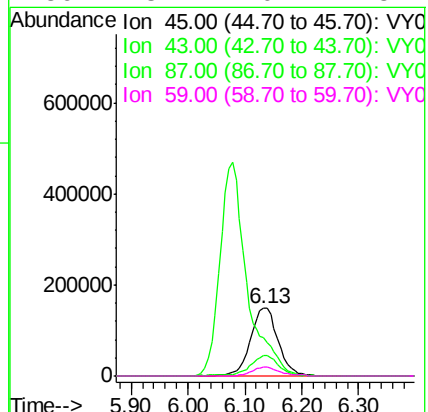
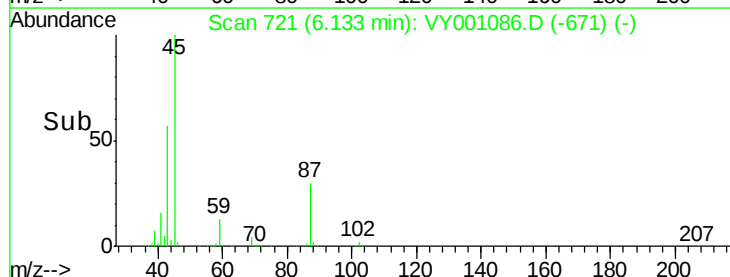


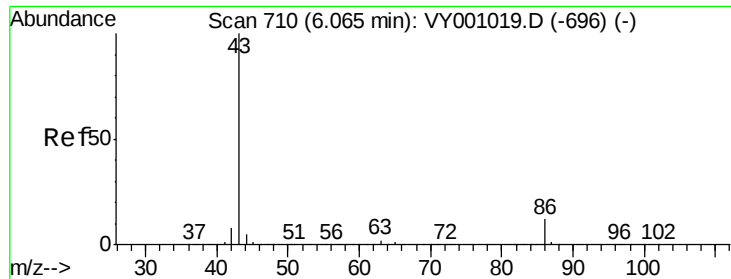
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 241.957 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

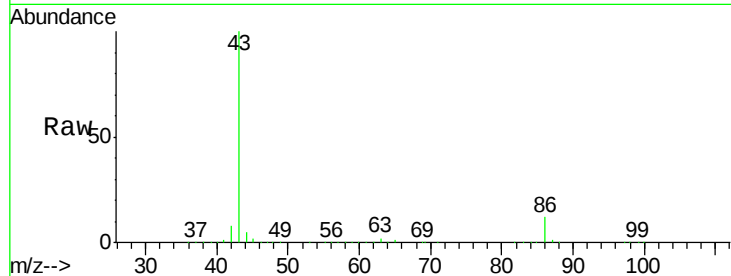
VSTDCCC050EC

Tgt Ion: 43 Resp: 1555629

Ion Ratio Lower Upper

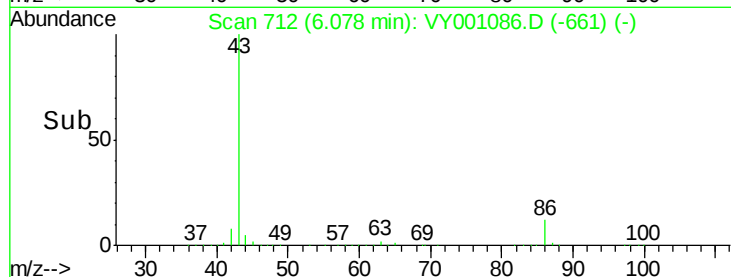
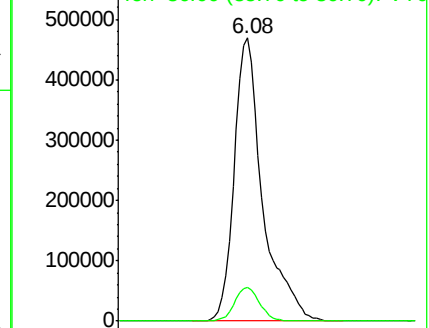
43 100

86 11.8 9.5 14.3

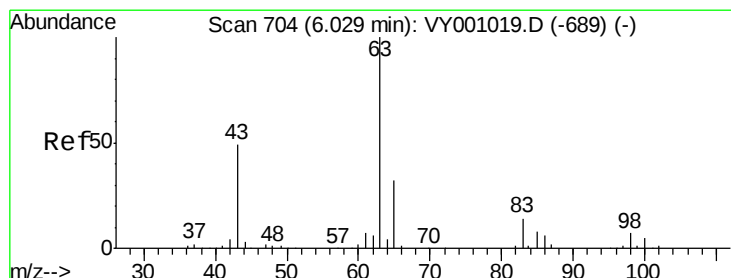


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 47.644 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

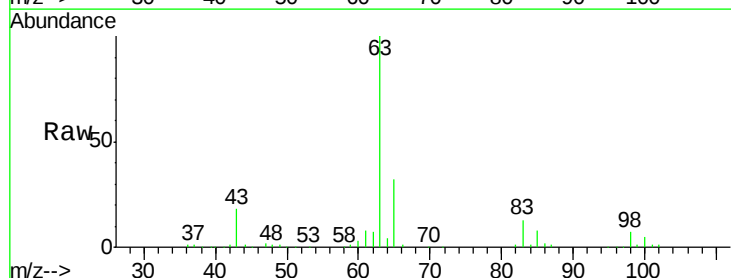
Tgt Ion: 63 Resp: 286630

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

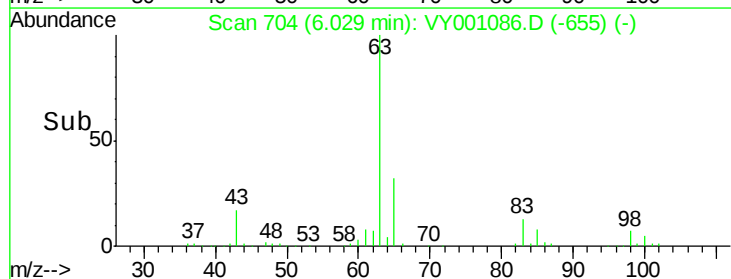
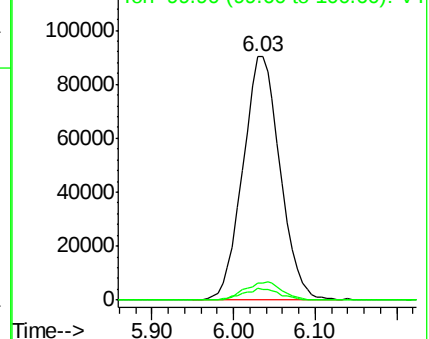
100 4.7 2.5 7.5



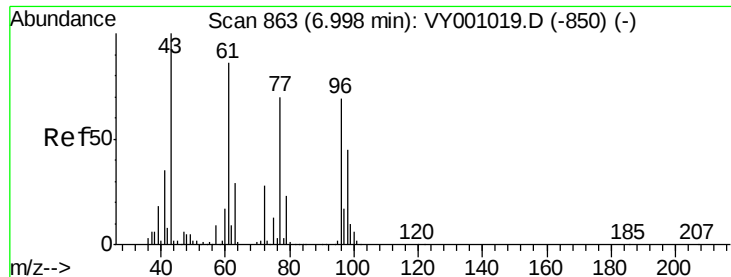
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



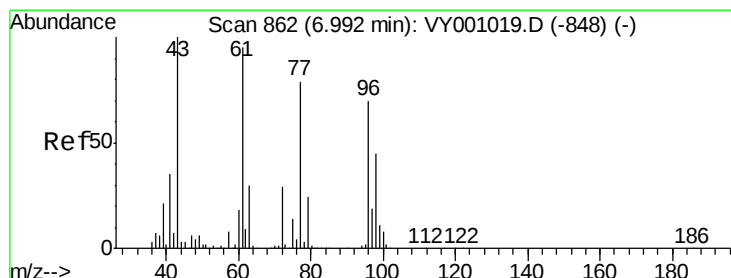
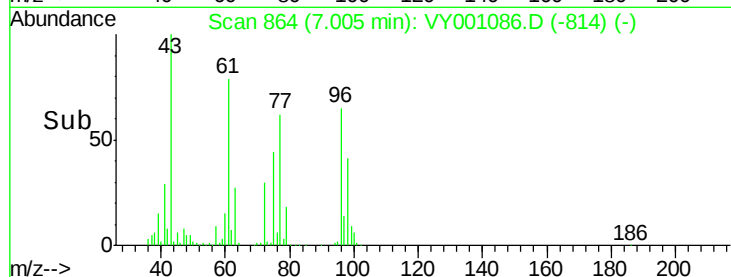
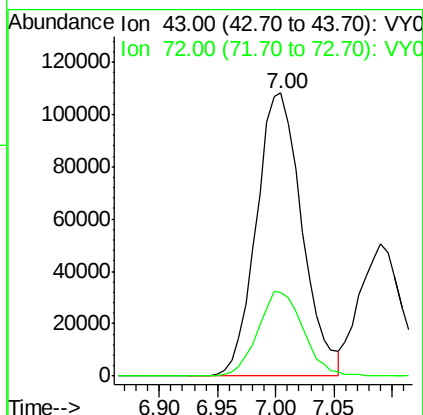
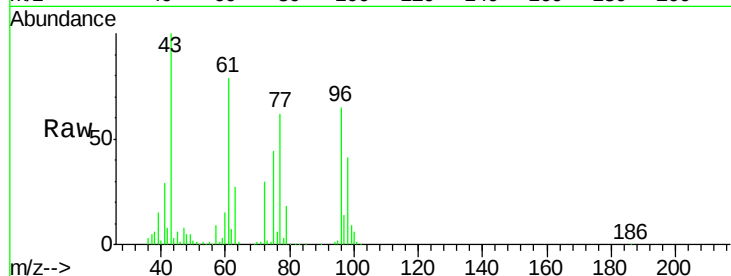
Time-->



#25
2-Butanone
Concen: 255.361 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

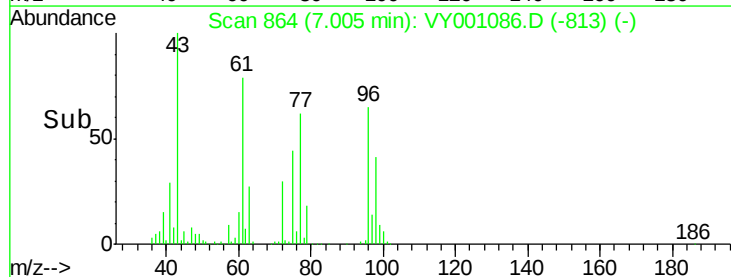
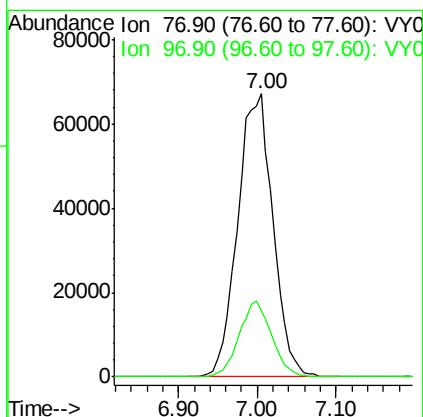
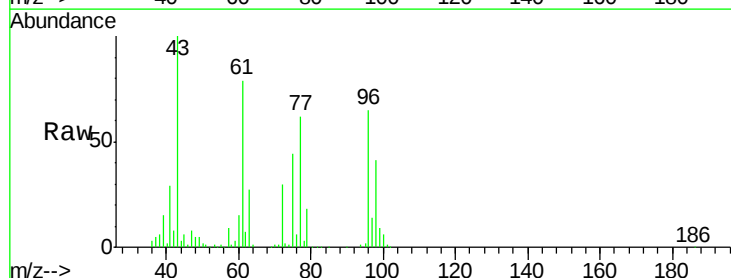
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

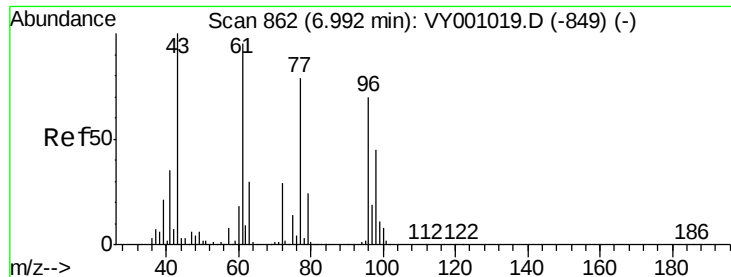
Tgt Ion: 43 Resp: 294160
Ion Ratio Lower Upper
43 100
72 29.7 22.4 33.6



#26
2,2-Dichloropropane
Concen: 42.167 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 77 Resp: 208420
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1



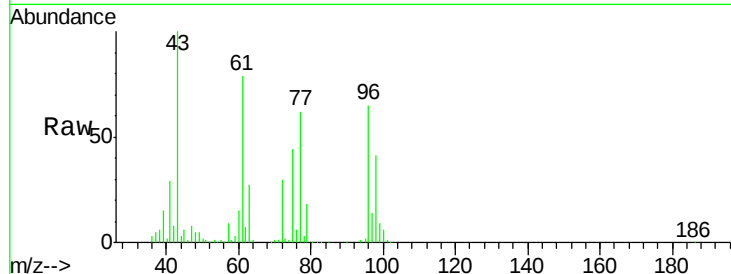


#27

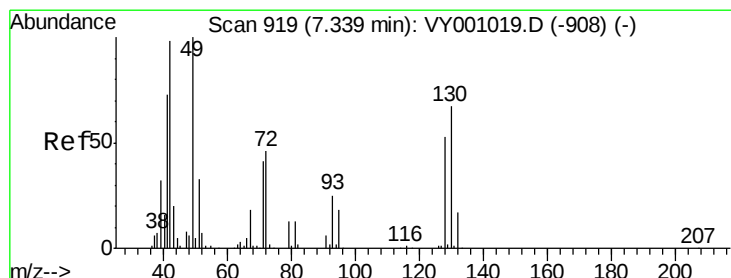
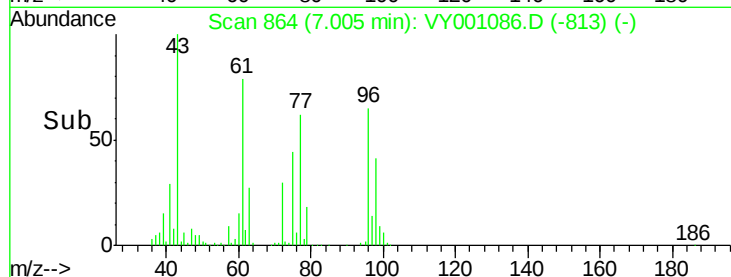
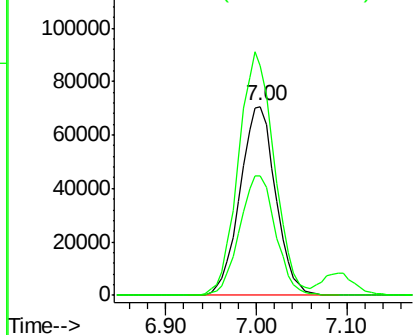
cis-1,2-Dichloroethene
Concen: 48.844 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 192812
Ion Ratio Lower Upper
96 100
61 129.7 0.0 268.2
98 63.7 0.0 129.2



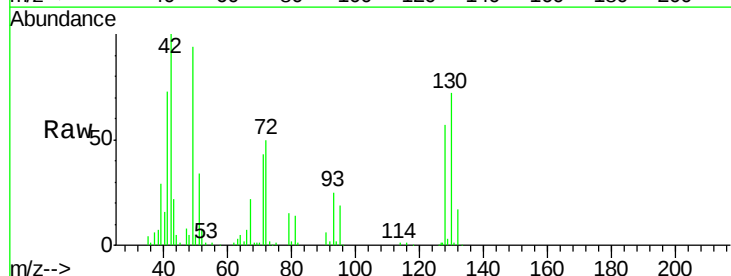
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



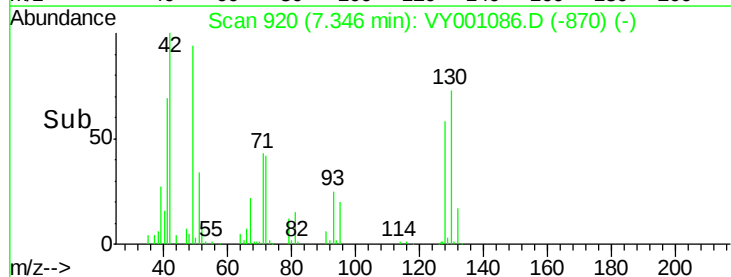
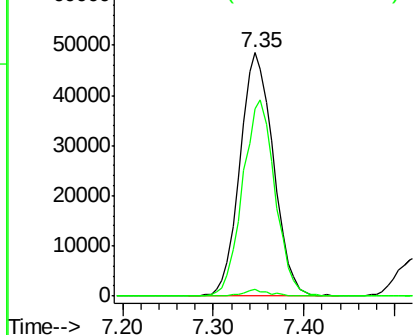
#28

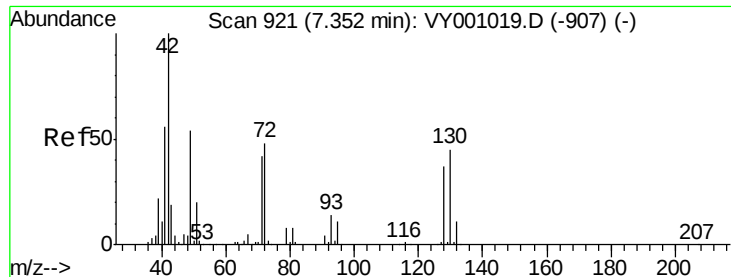
Bromochloromethane
Concen: 52.722 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 49 Resp: 123757
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 78.1 60.4 90.6



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

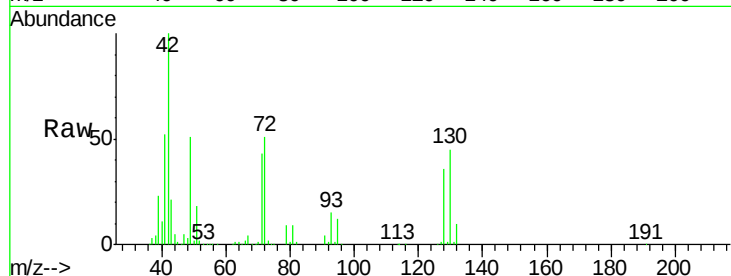




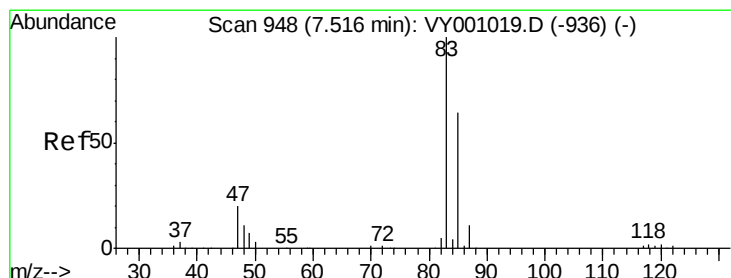
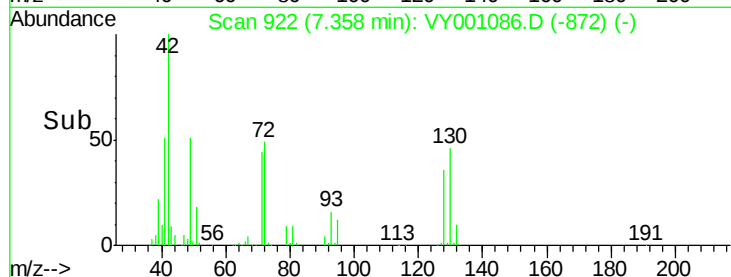
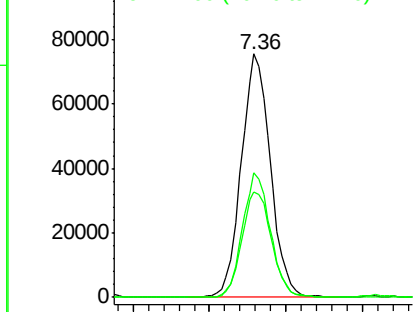
#29
Tetrahydrofuran
Concen: 243.941 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 199886
Ion Ratio Lower Upper
42 100
72 48.7 37.7 56.5
71 44.2 34.6 51.8

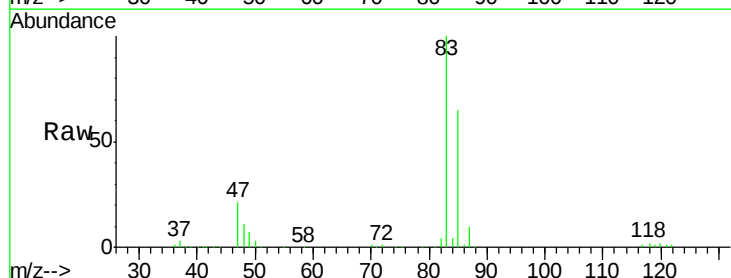


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

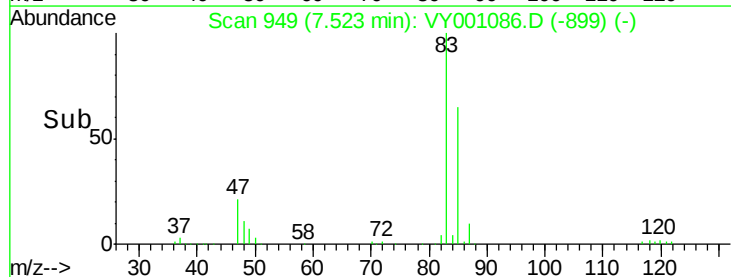
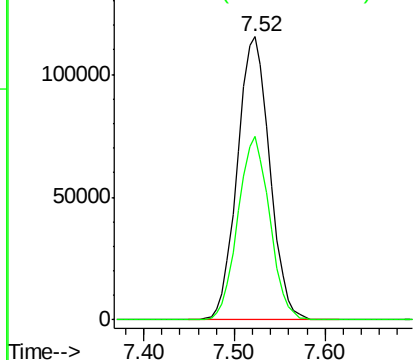


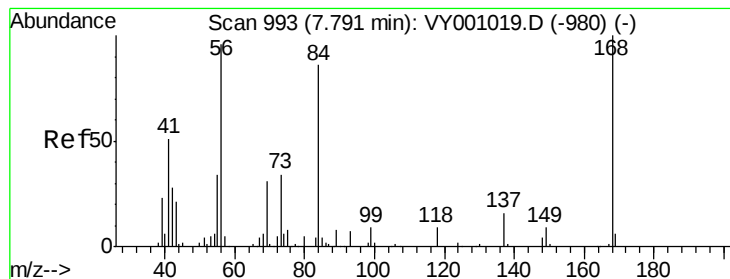
#30
Chloroform
Concen: 50.082 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 83 Resp: 284903
Ion Ratio Lower Upper
83 100
85 65.0 51.6 77.4



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





#31

Cyclohexane

Concen: 37.542 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

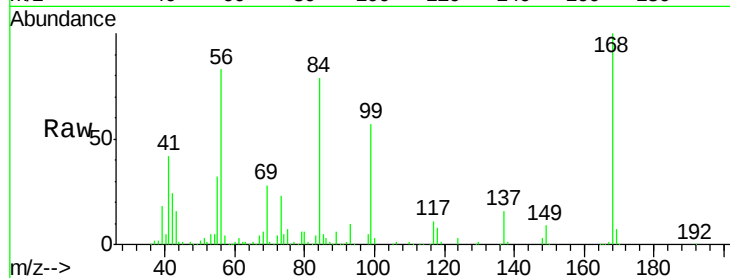
Tgt Ion: 56 Resp: 237499

Ion Ratio Lower Upper

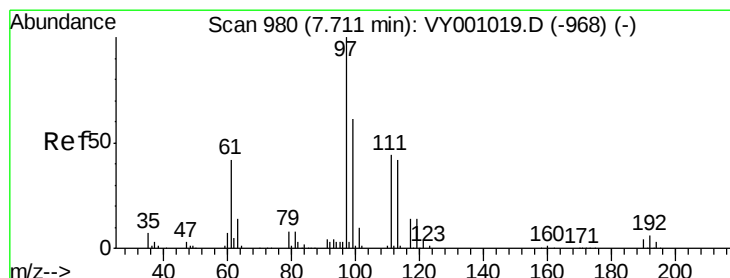
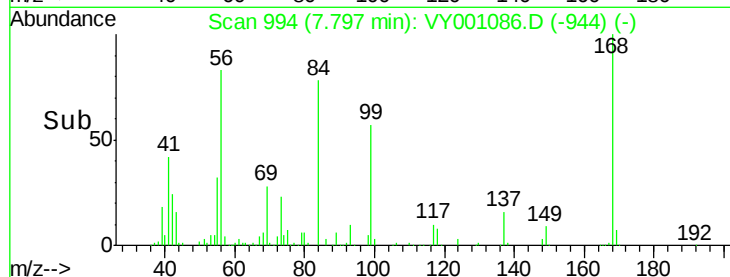
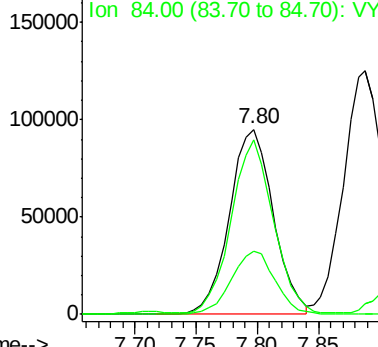
56 100

69 34.2 26.1 39.1

84 93.1 71.8 107.8



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



#32

1,1,1-Trichloroethane

Concen: 45.069 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

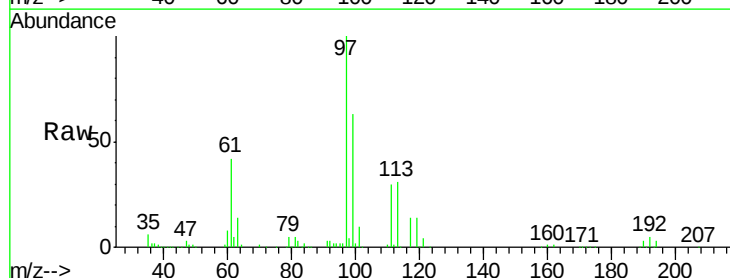
Tgt Ion: 97 Resp: 218708

Ion Ratio Lower Upper

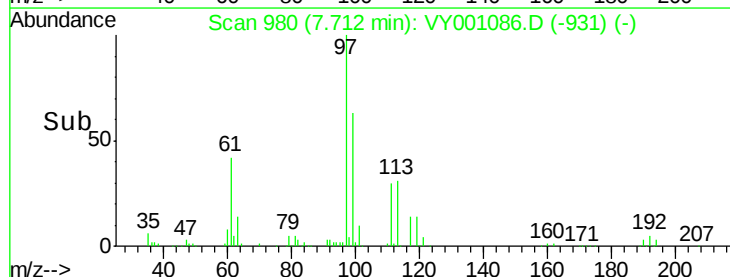
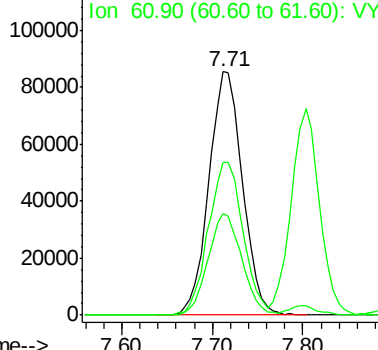
97 100

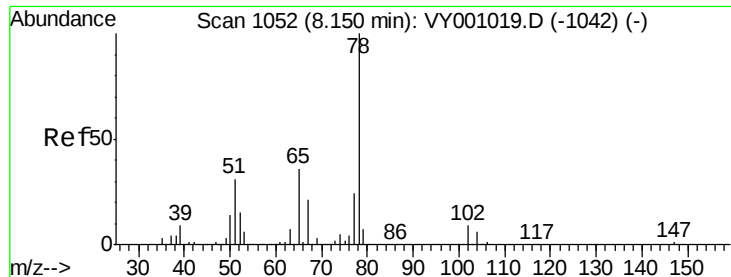
99 65.0 50.6 76.0

61 42.0 33.0 49.6



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





#33

1,2-Dichloroethane-d4

Concen: 49.511 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

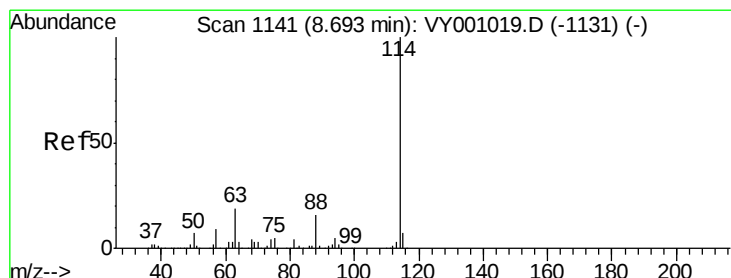
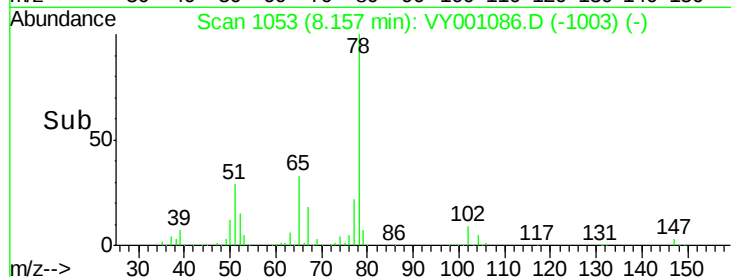
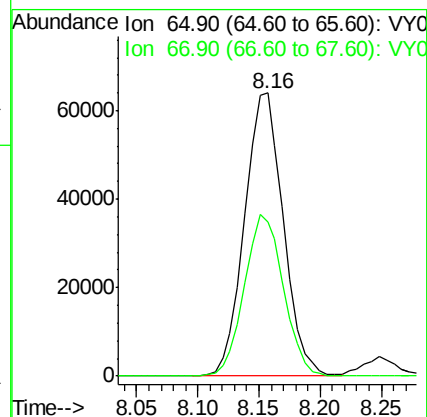
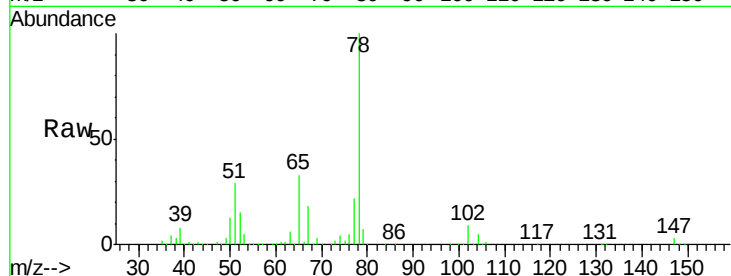
VSTDCCC050EC

Tgt Ion: 65 Resp: 140924

Ion Ratio Lower Upper

65 100

67 57.4 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

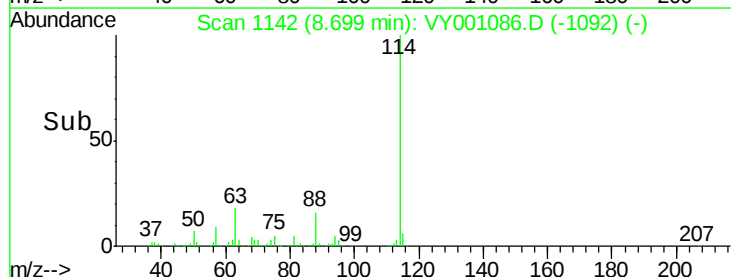
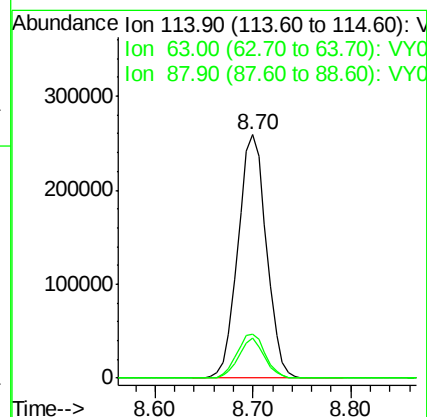
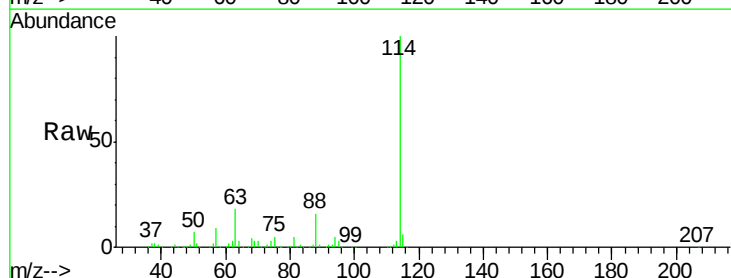
Tgt Ion: 114 Resp: 519642

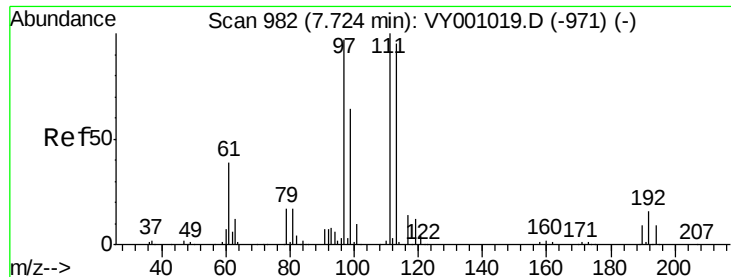
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

88 16.4 0.0 32.0

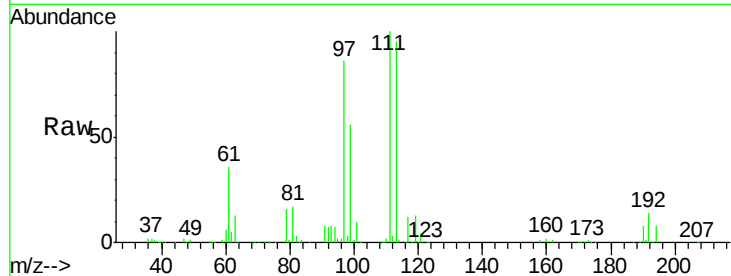




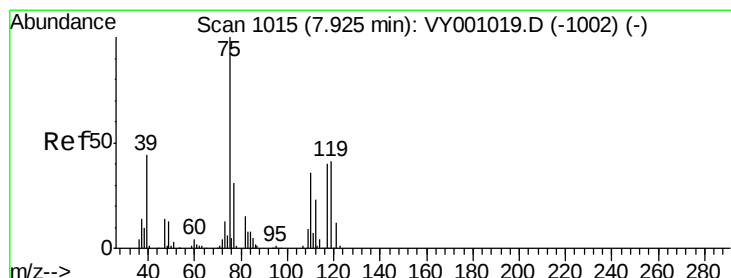
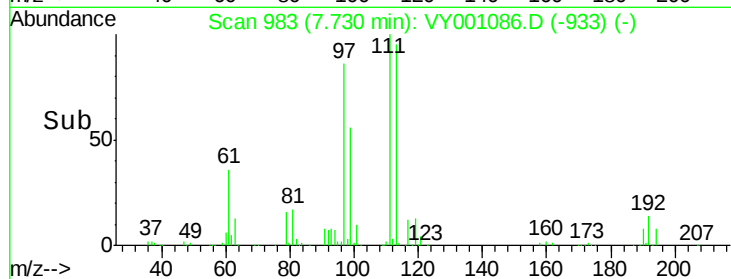
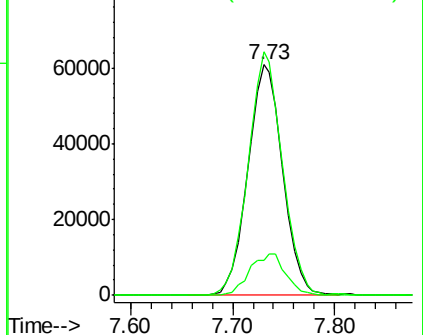
#35
 Dibromofluoromethane
 Concen: 47.287 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 144694
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.4
 192 18.5 14.6 21.8

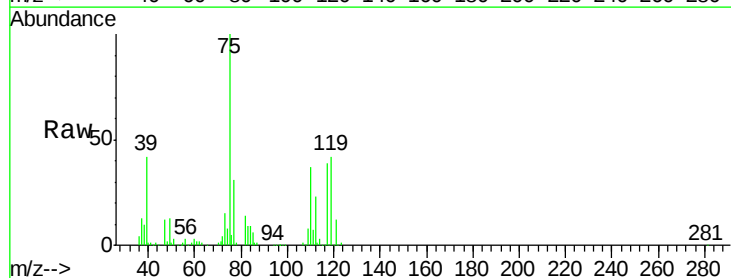


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

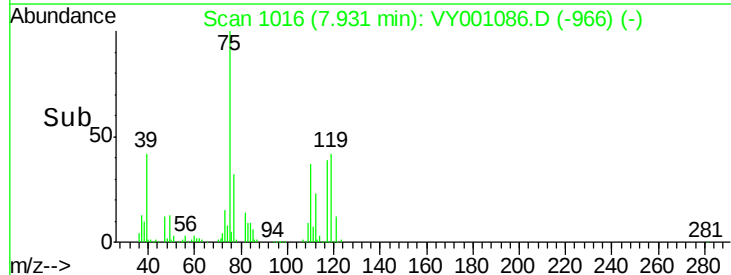
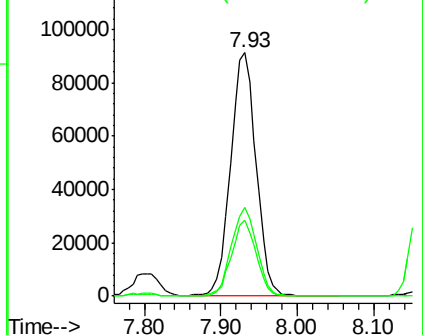


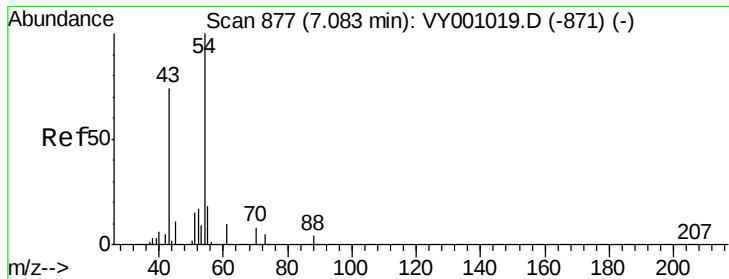
#36
 1,1-Dichloropropene
 Concen: 42.503 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 75 Resp: 210703
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 30.2 24.6 37.0



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

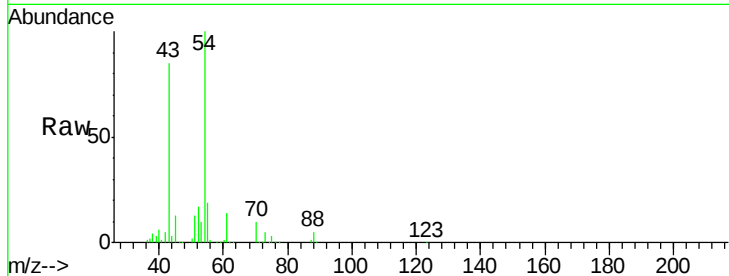




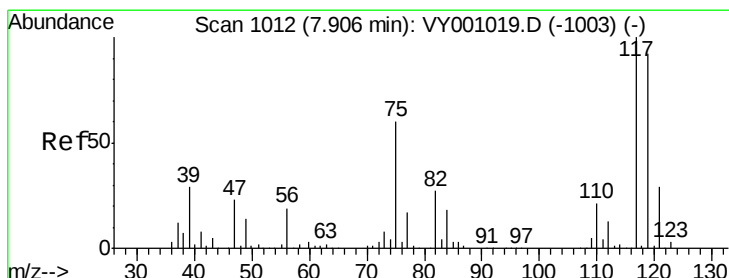
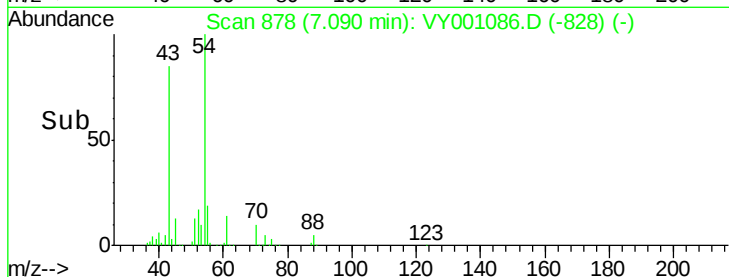
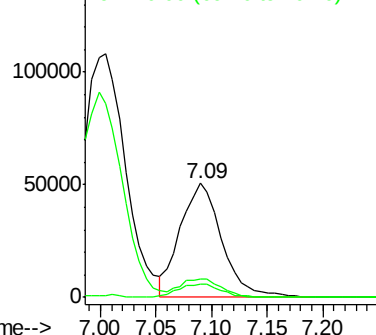
#37
Ethyl Acetate
Concen: 47.573 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130585
Ion Ratio Lower Upper
43 100
61 16.4 12.5 18.7
70 12.2 9.0 13.4

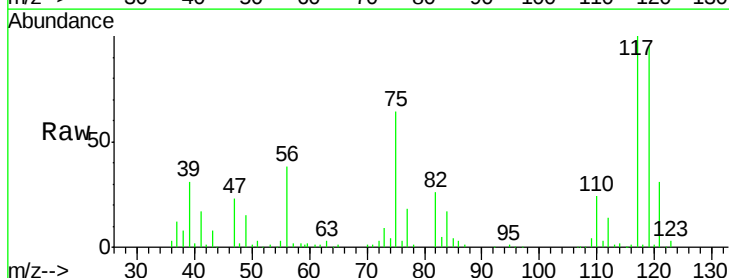


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

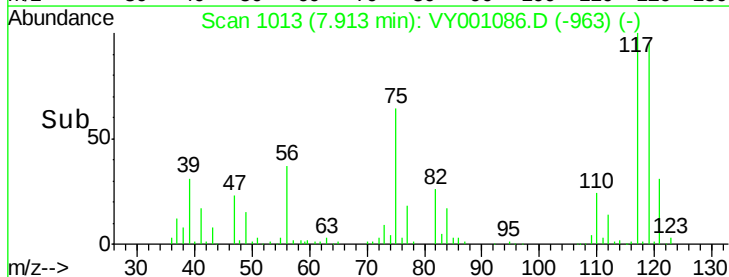
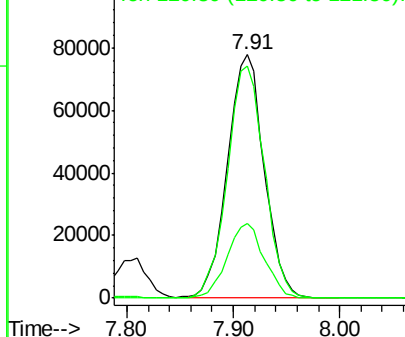


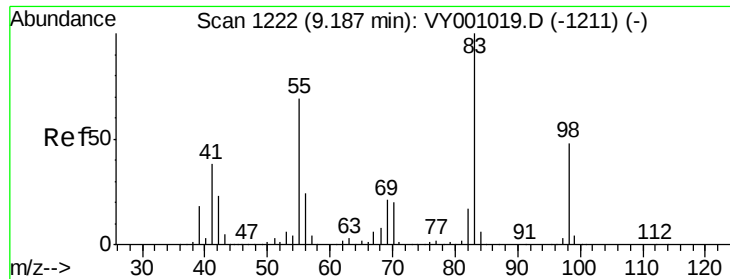
#38
Carbon Tetrachloride
Concen: 43.323 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 117 Resp: 188169
Ion Ratio Lower Upper
117 100
119 95.3 74.2 111.2
121 30.8 22.9 34.3



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

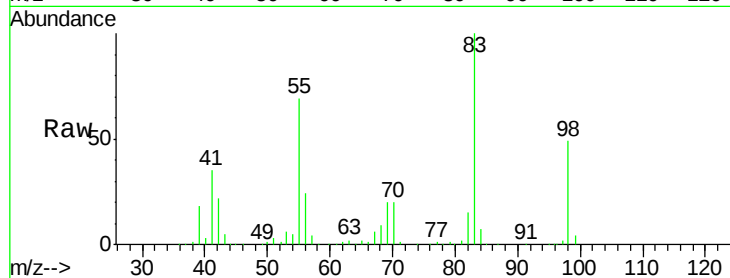




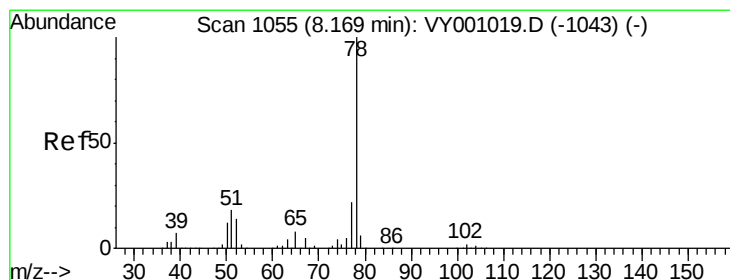
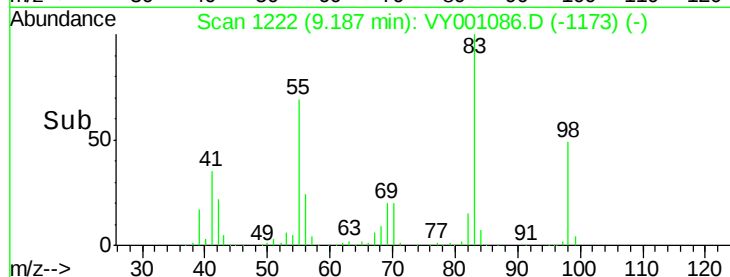
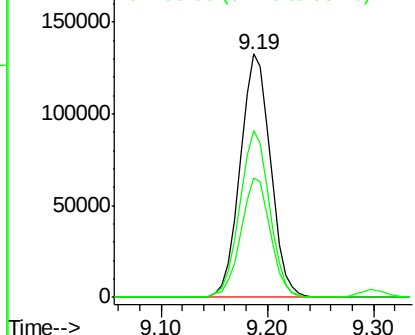
#39
Methylcyclohexane
Concen: 40.251 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 264976
Ion Ratio Lower Upper
83 100
55 68.6 55.1 82.7
98 49.2 38.3 57.5

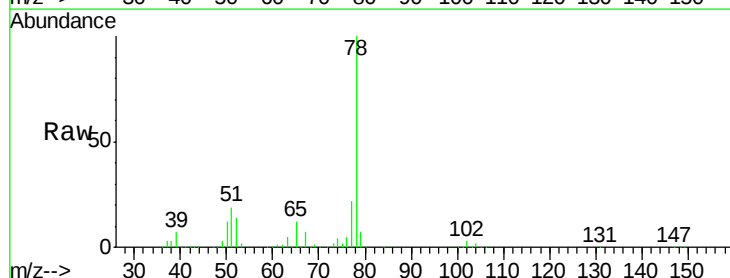


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

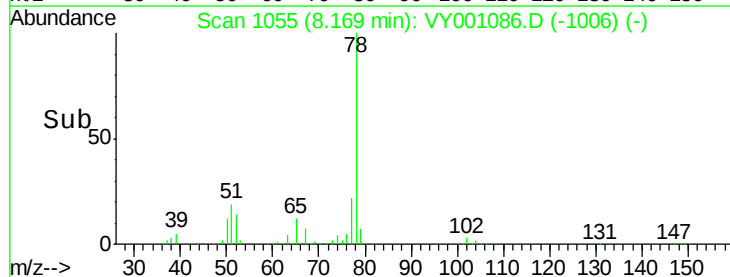
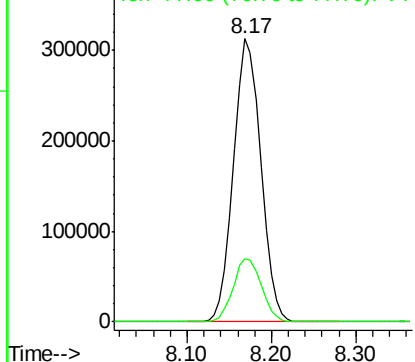


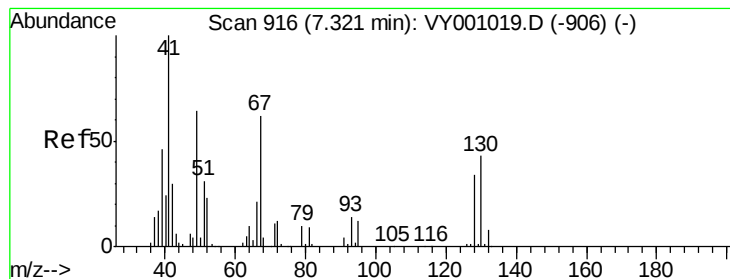
#40
Benzene
Concen: 45.927 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 78 Resp: 686871
Ion Ratio Lower Upper
78 100
77 22.5 17.7 26.5



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





#41

Methacrylonitrile

Concen: 141.045 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.04 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 167854

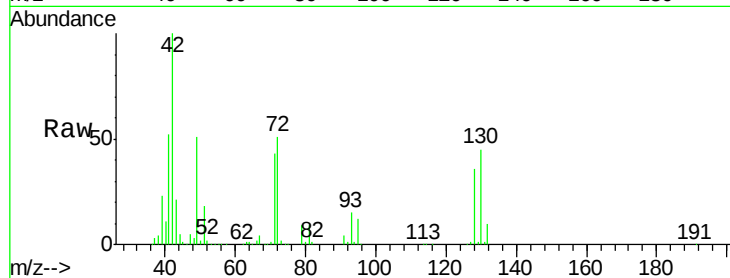
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

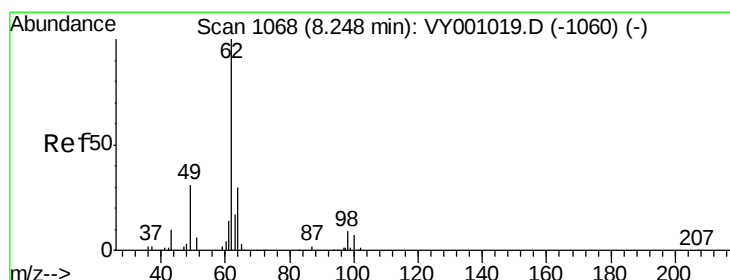
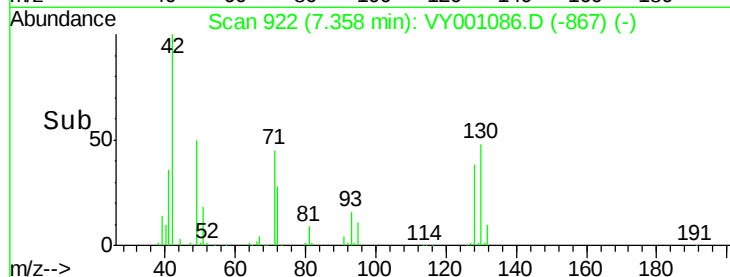
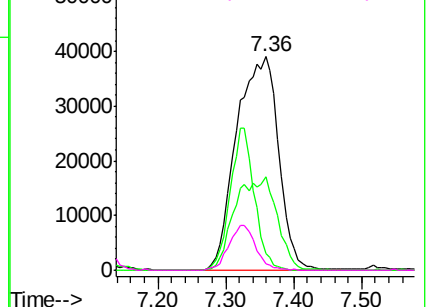


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 47.863 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001086.D

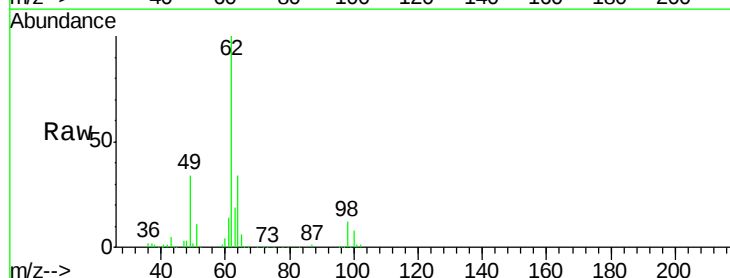
Acq: 26 Dec 2019 20:22

Tgt Ion: 62 Resp: 171139

Ion Ratio Lower Upper

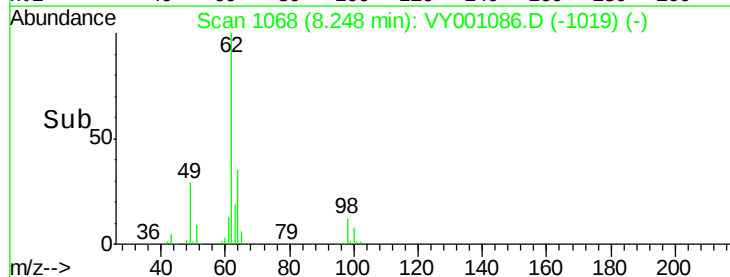
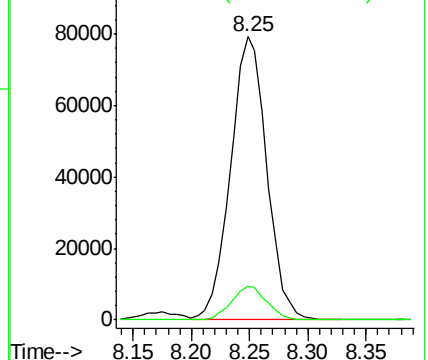
62 100

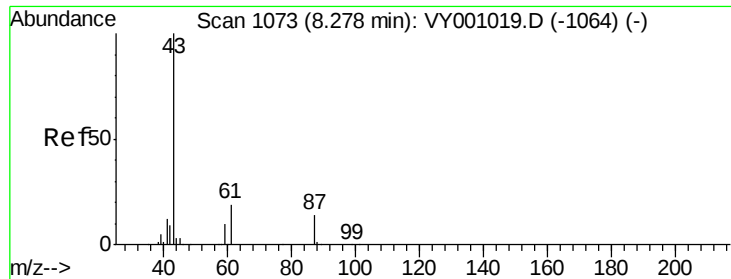
98 11.6 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 48.382 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

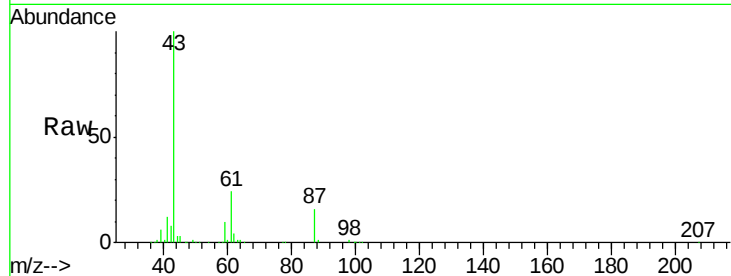
Tgt Ion: 43 Resp: 245845

Ion Ratio Lower Upper

43 100

61 32.2 25.0 37.6

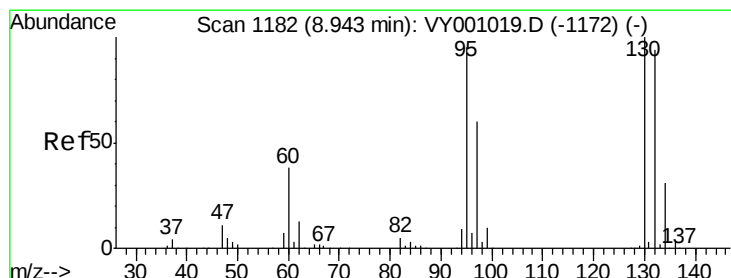
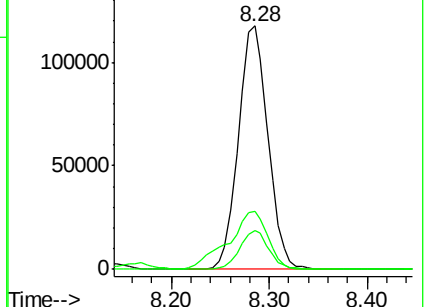
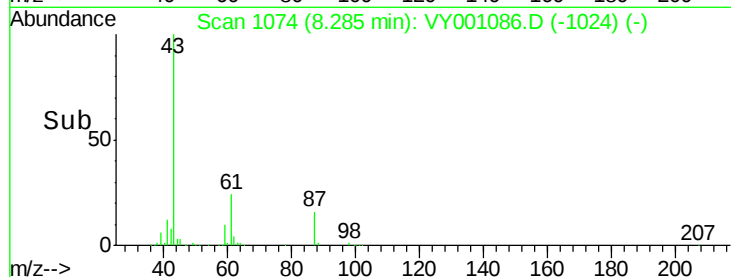
87 15.7 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 46.138 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY001086.D

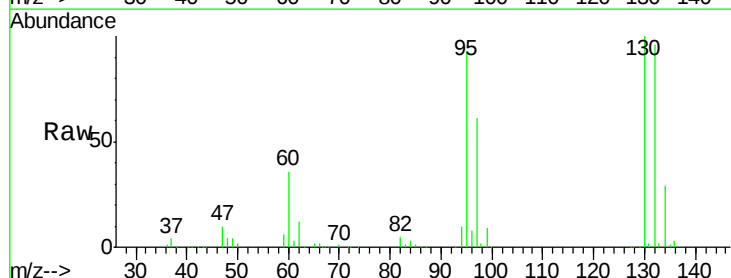
Acq: 26 Dec 2019 20:22

Tgt Ion: 130 Resp: 181809

Ion Ratio Lower Upper

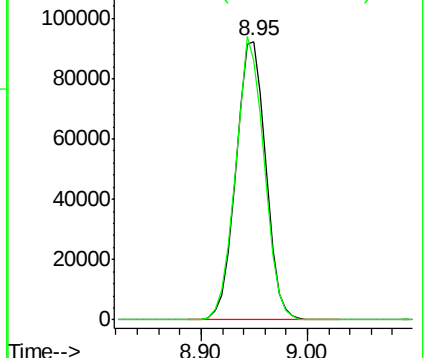
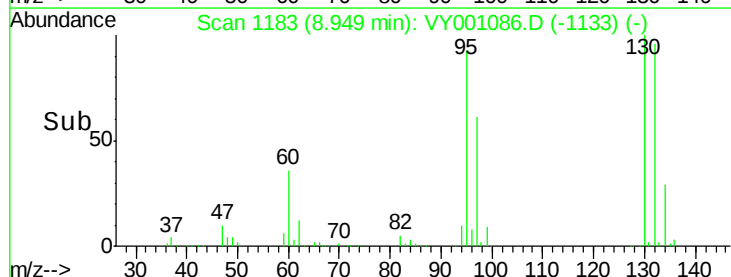
130 100

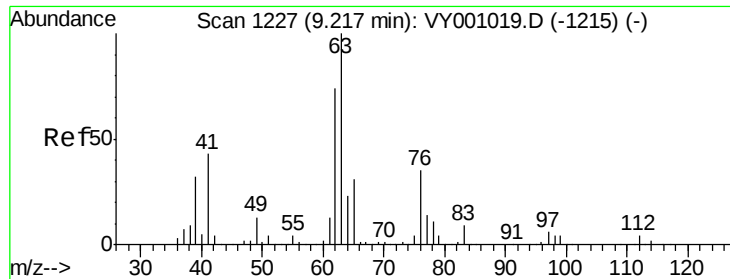
95 93.2 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

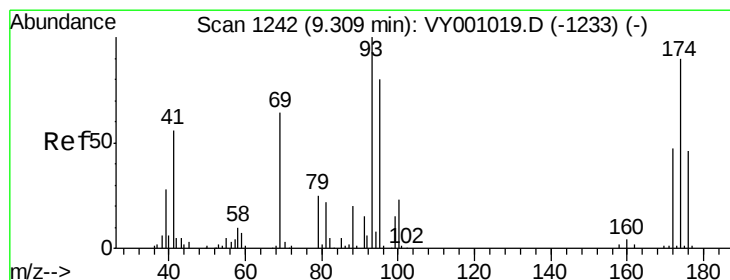
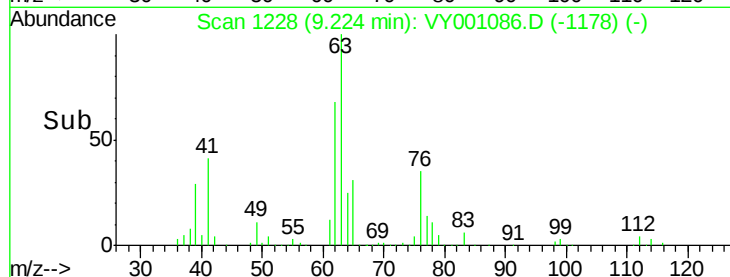
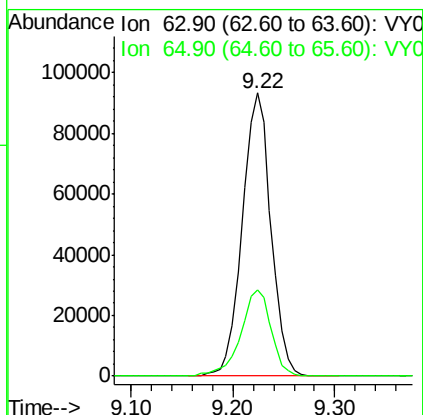
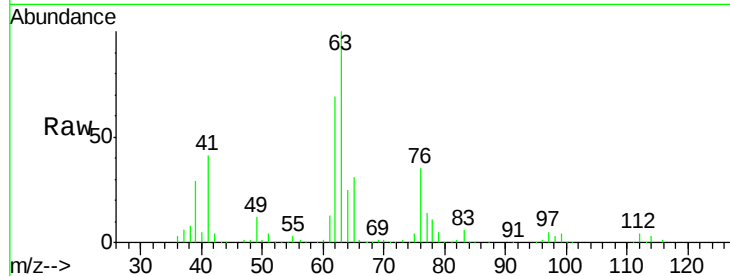




#45
 1,2-Dichloropropane
 Concen: 48.280 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

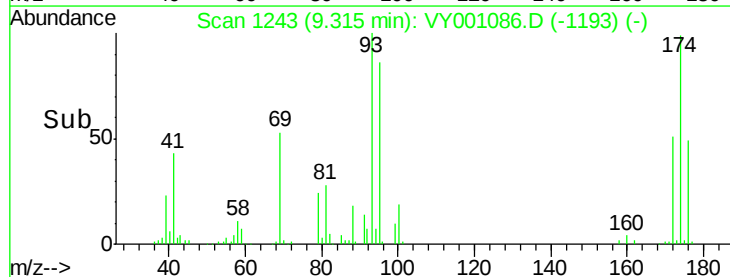
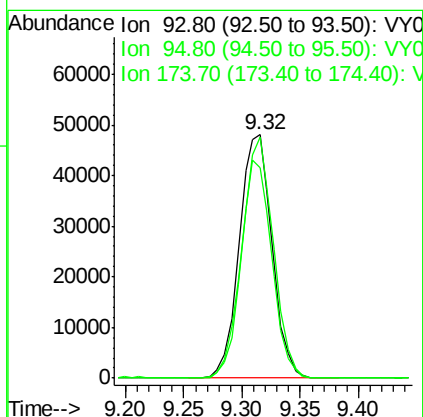
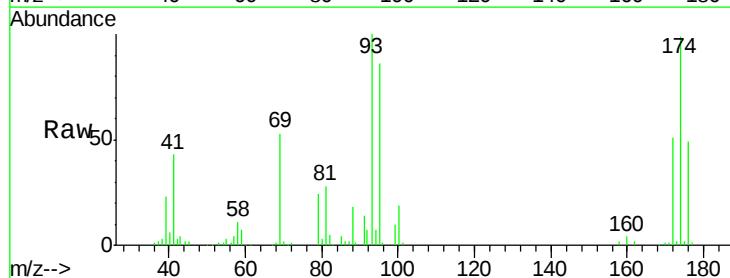
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

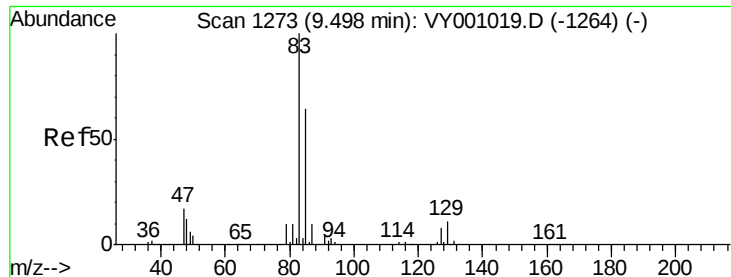
Tgt Ion: 63 Resp: 181141
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7



#46
 Dibromomethane
 Concen: 48.408 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 93 Resp: 93623
 Ion Ratio Lower Upper
 93 100
 95 86.5 66.7 100.1
 174 94.1 73.6 110.4

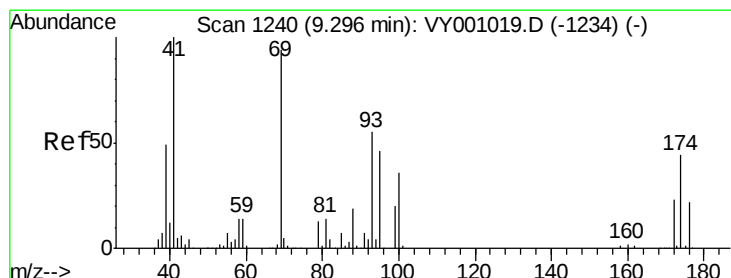
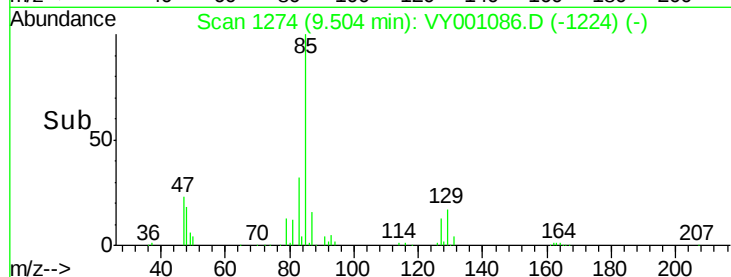
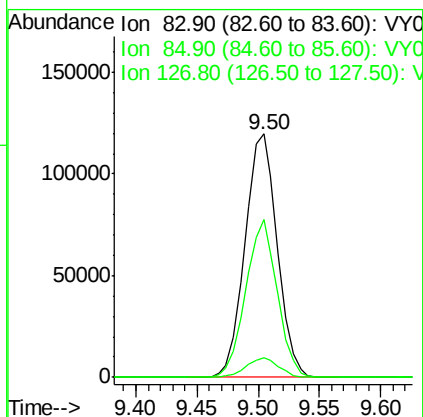
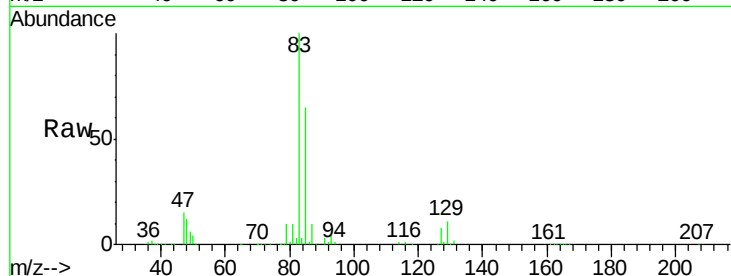




#47
Bromodichloromethane
Concen: 48.816 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

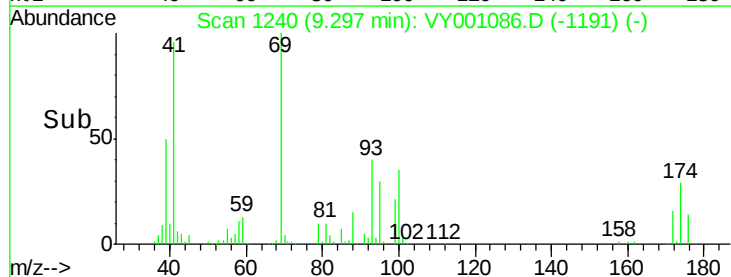
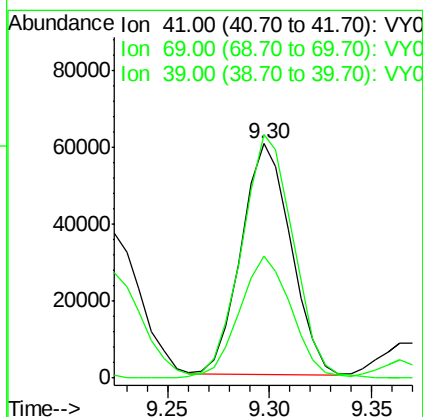
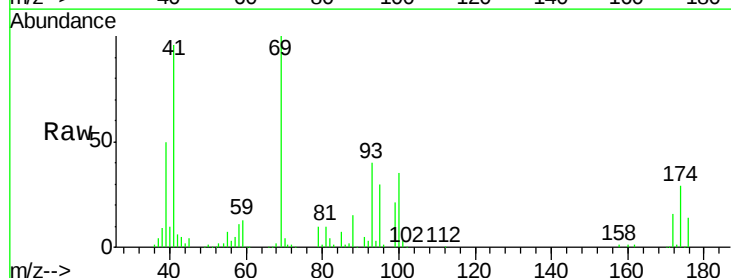
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

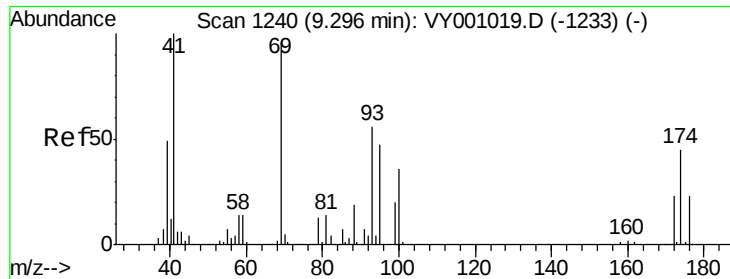
Tgt Ion: 83 Resp: 218692
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 46.922 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 41 Resp: 101745
Ion Ratio Lower Upper
41 100
69 110.3 79.8 119.6
39 55.0 41.7 62.5

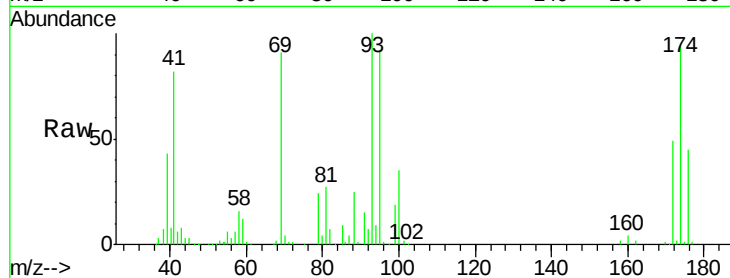




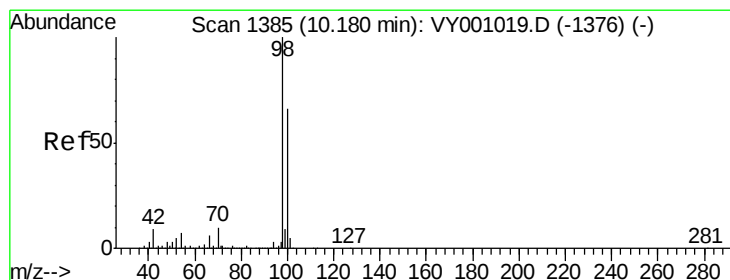
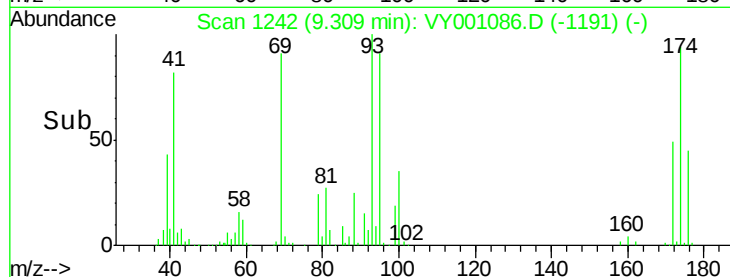
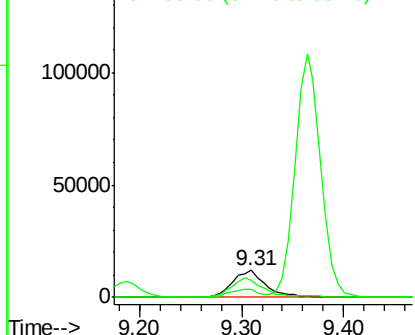
#49
1,4-Dioxane
Concen: 952.289 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 26942
Ion Ratio Lower Upper
88 100
43 27.6 23.0 34.4
58 73.3 54.9 82.3

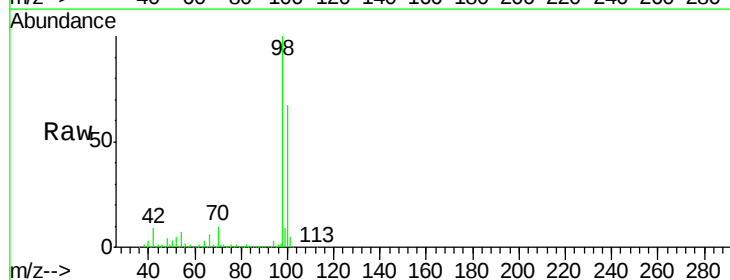


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

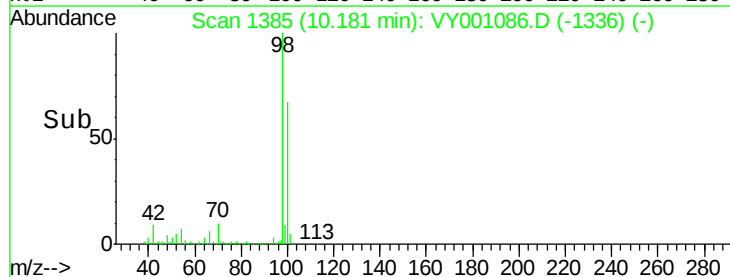
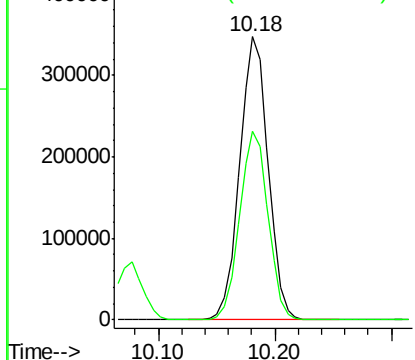


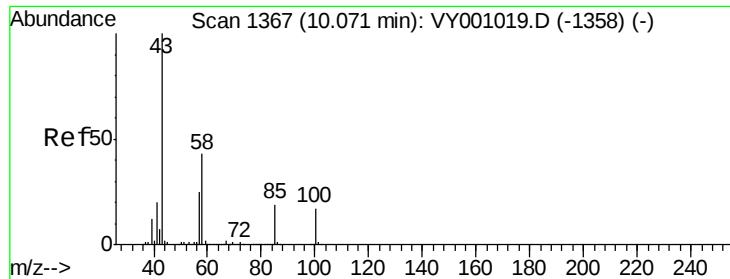
#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 98 Resp: 590439
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



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

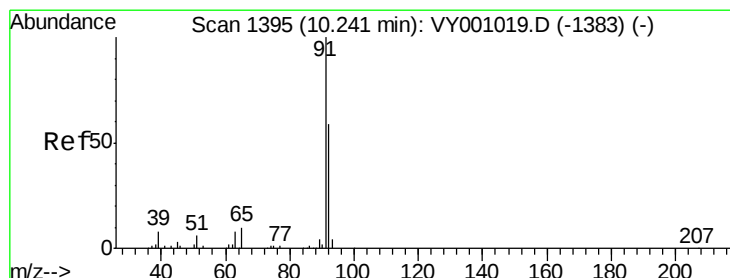
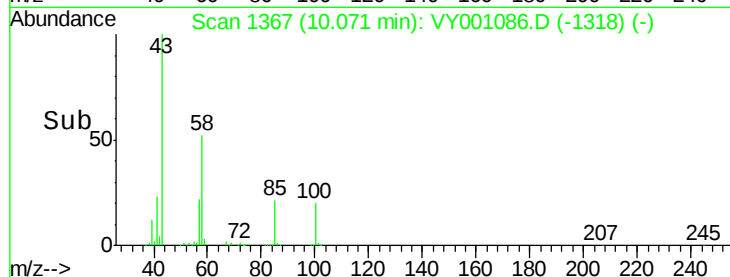
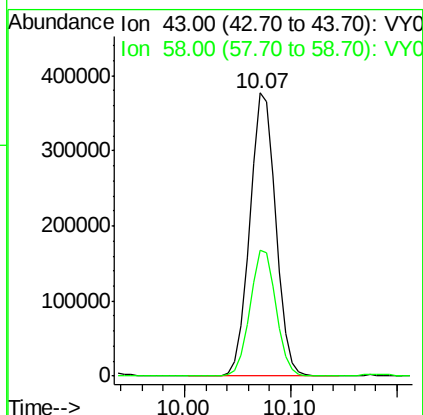
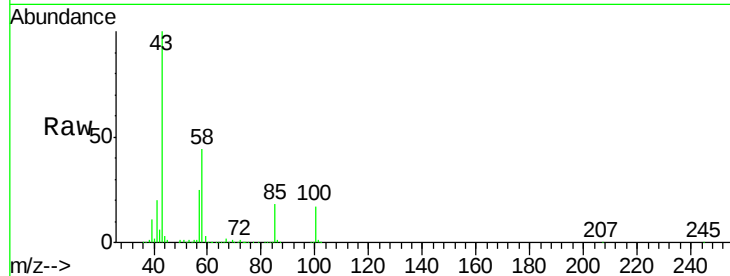




#51
 4-Methyl-2-Pentanone
 Concen: 243.975 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

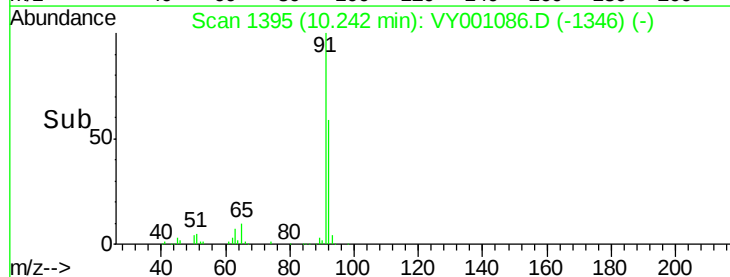
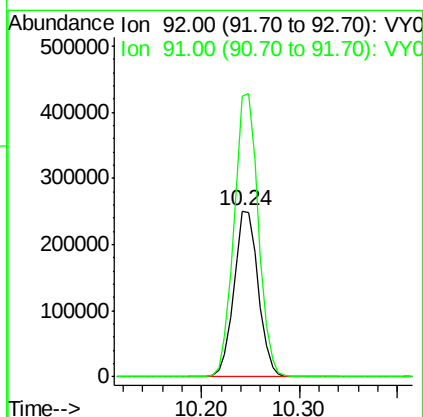
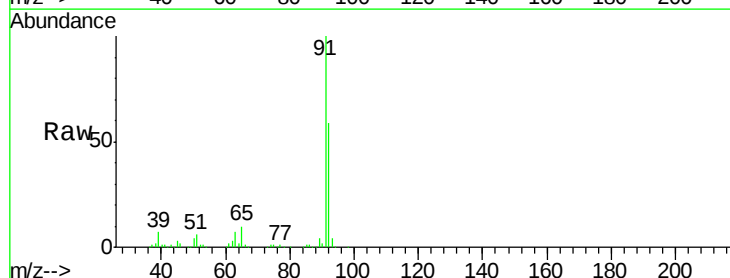
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

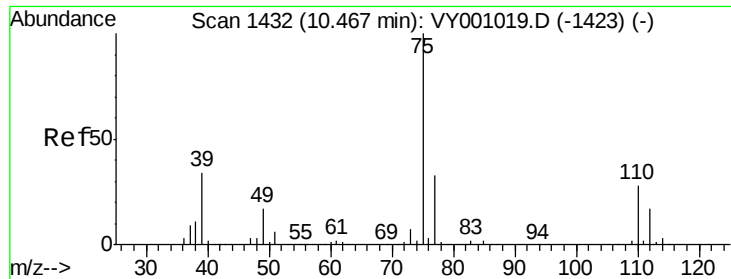
Tgt Ion: 43 Resp: 646156
 Ion Ratio Lower Upper
 43 100
 58 44.4 34.6 52.0



#52
 Toluene
 Concen: 46.593 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 92 Resp: 428891
 Ion Ratio Lower Upper
 92 100
 91 172.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 48.102 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

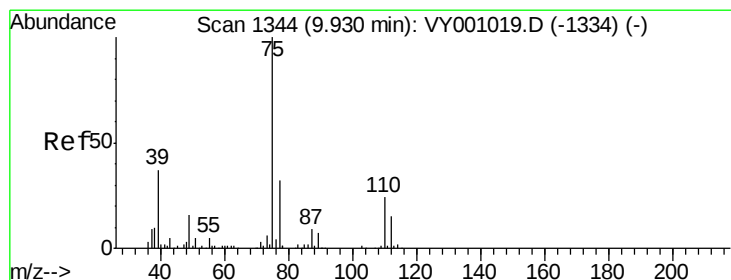
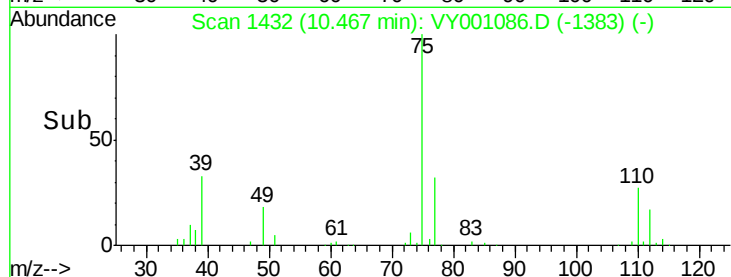
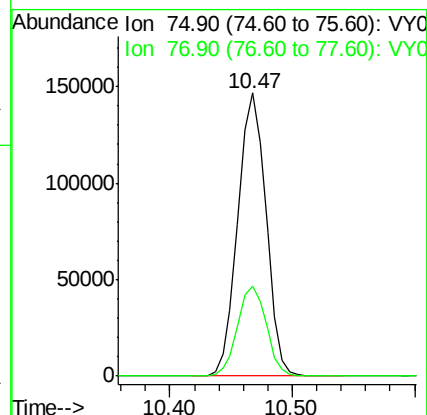
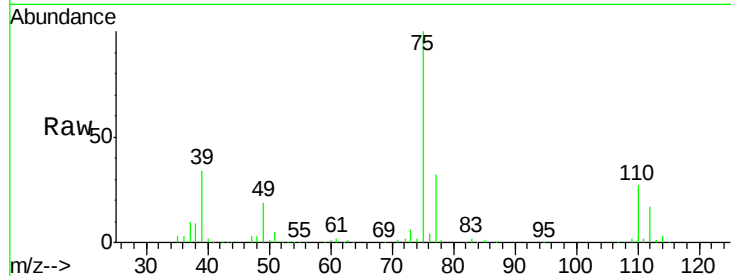
VSTDCCC050EC

Tgt Ion: 75 Resp: 233873

Ion Ratio Lower Upper

75 100

77 31.8 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 48.210 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

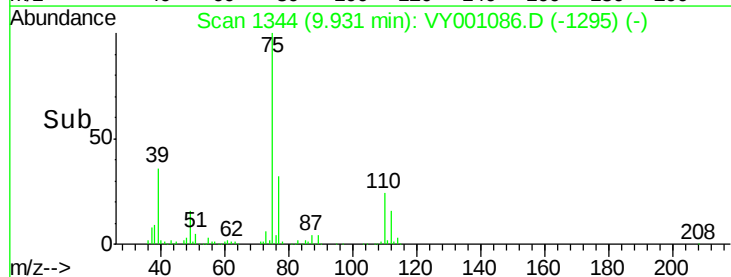
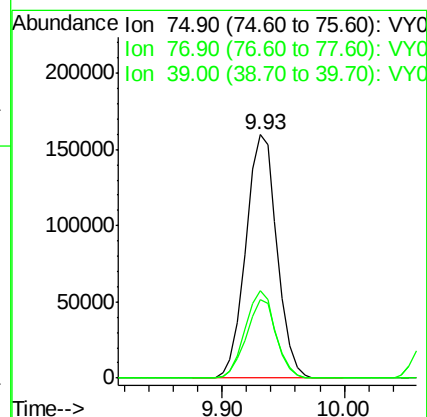
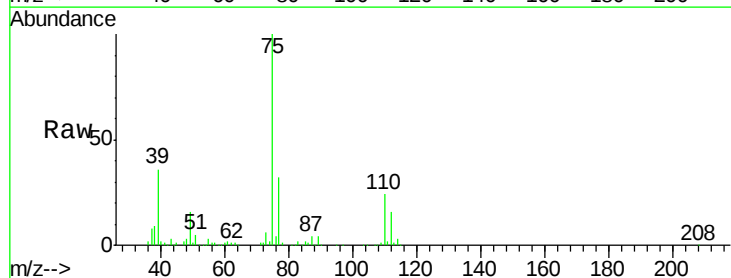
Tgt Ion: 75 Resp: 281856

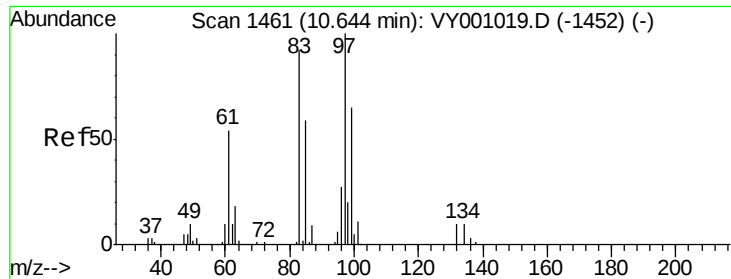
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

39 35.8 29.5 44.3

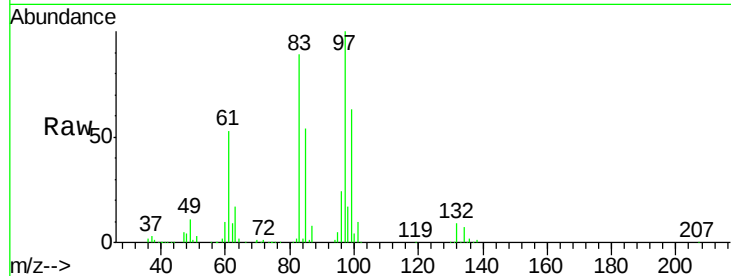




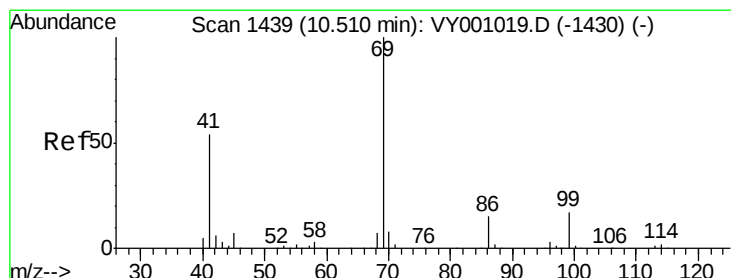
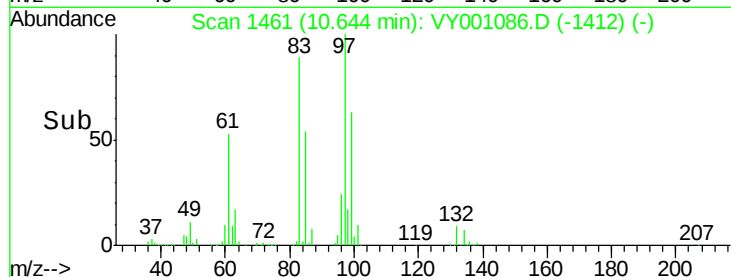
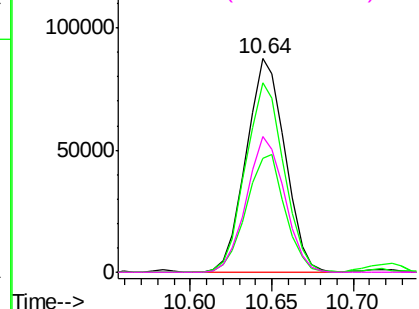
#55
 1,1,2-Trichloroethane
 Concen: 50.270 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 145145
 Ion Ratio Lower Upper
 97 100
 83 88.5 73.7 110.5
 85 53.6 47.3 70.9
 99 63.4 51.9 77.9

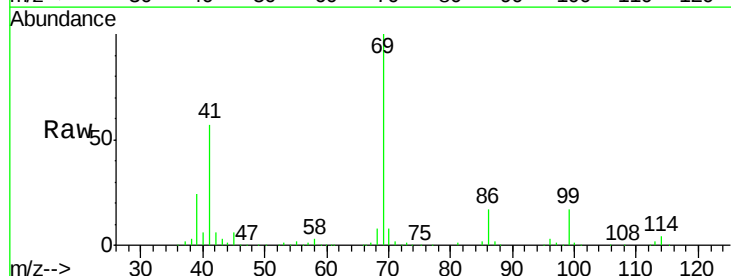


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

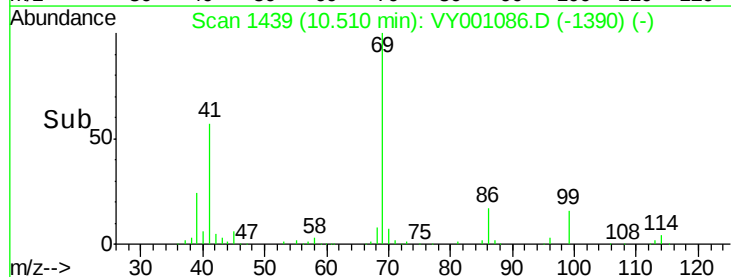
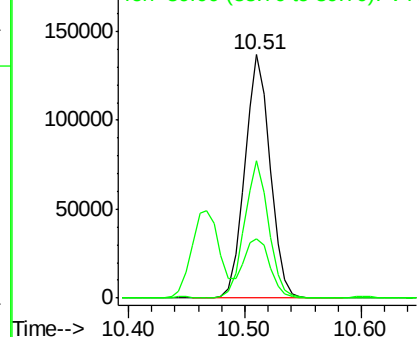


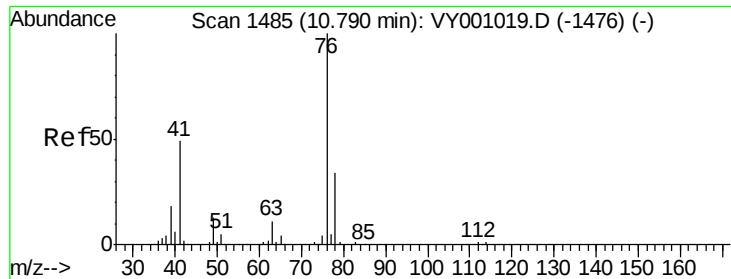
#56
 Ethyl methacrylate
 Concen: 50.591 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 69 Resp: 207896
 Ion Ratio Lower Upper
 69 100
 41 53.7 44.7 67.1
 39 24.4 22.2 33.4



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





#57

1,3-Dichloropropane

Concen: 49.241 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

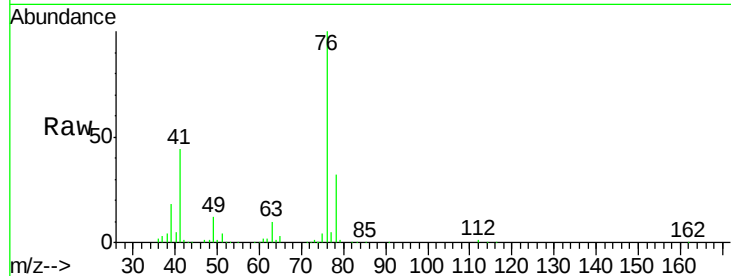
VSTDCCC050EC

Tgt Ion: 76 Resp: 249206

Ion Ratio Lower Upper

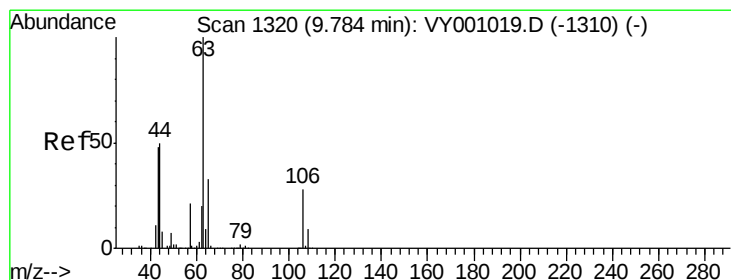
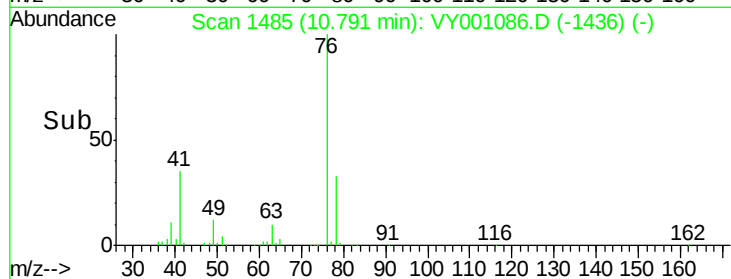
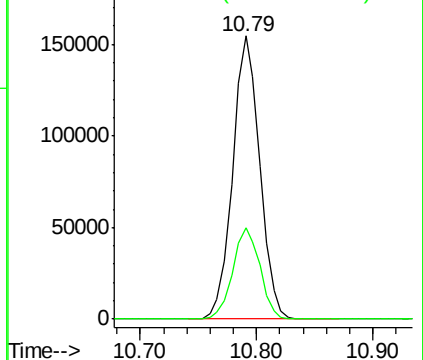
76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 247.416 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001086.D

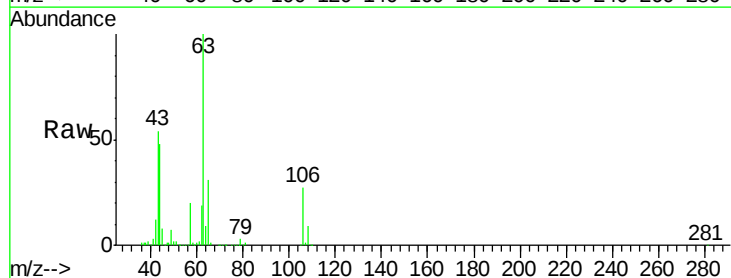
Acq: 26 Dec 2019 20:22

Tgt Ion: 63 Resp: 392691

Ion Ratio Lower Upper

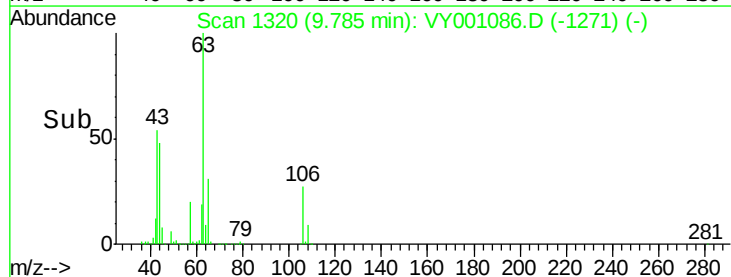
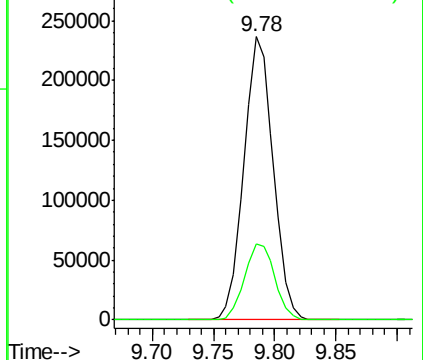
63 100

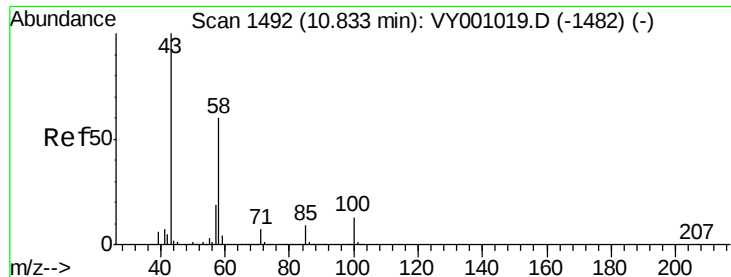
106 27.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

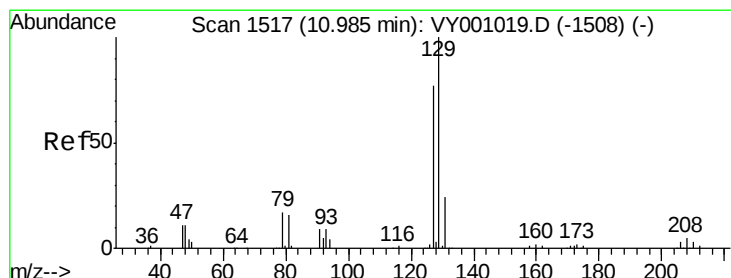
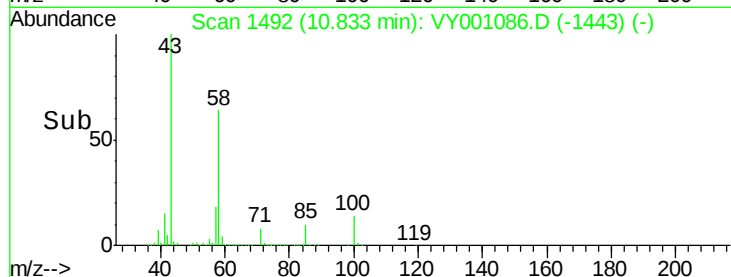
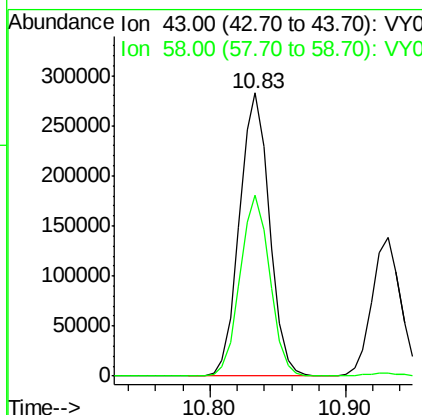
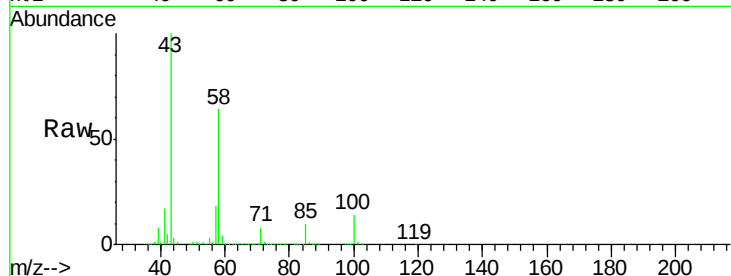




#59
2-Hexanone
Concen: 237.452 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

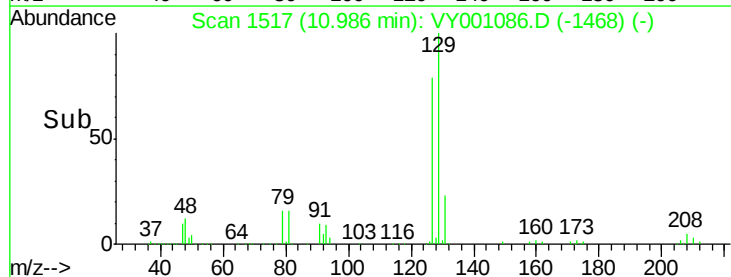
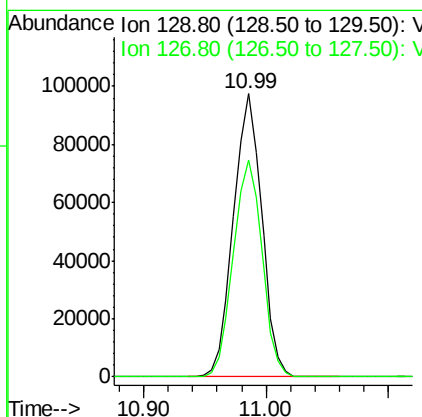
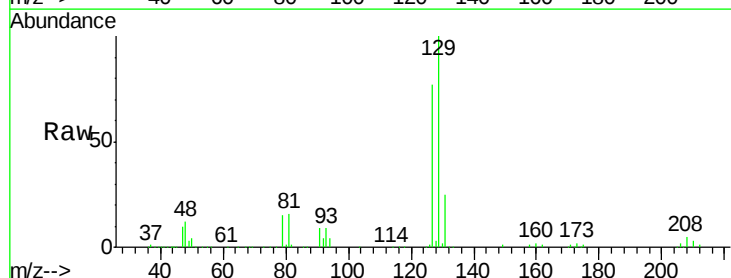
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

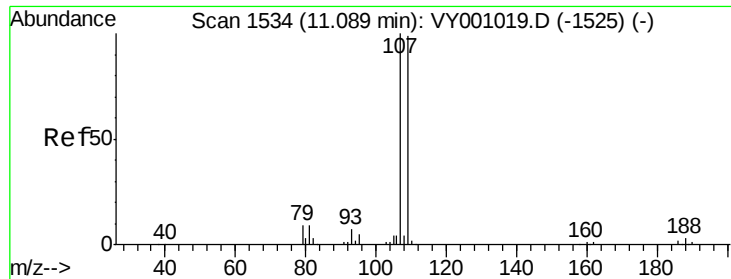
Tgt Ion: 43 Resp: 435149
Ion Ratio Lower Upper
43 100
58 63.4 30.6 91.6



#60
Dibromochloromethane
Concen: 50.748 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 129 Resp: 156515
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

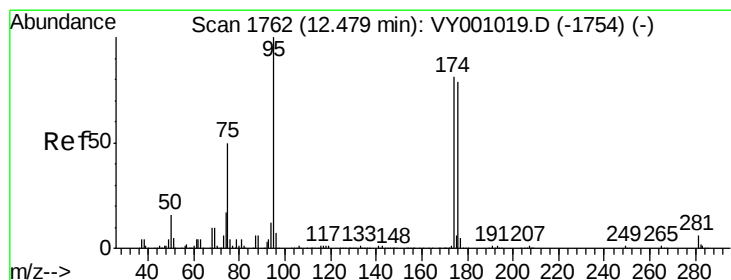
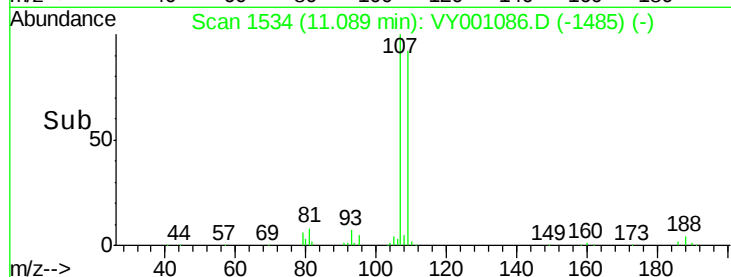
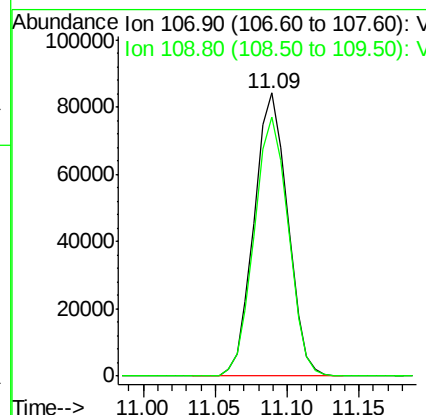
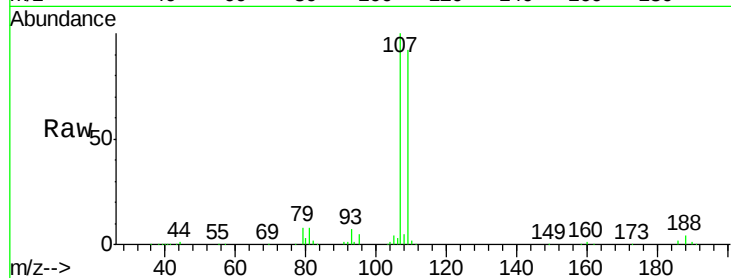




#61
 1,2-Dibromoethane
 Concen: 49.288 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

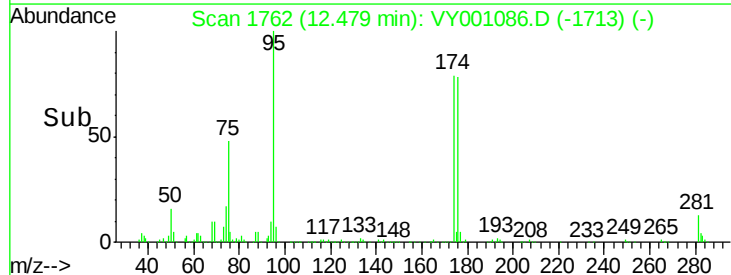
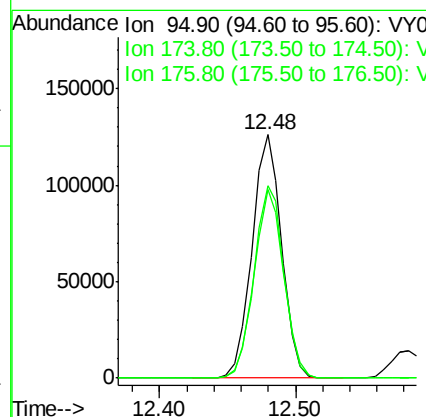
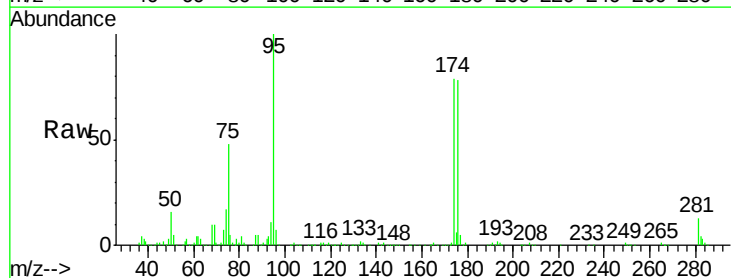
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

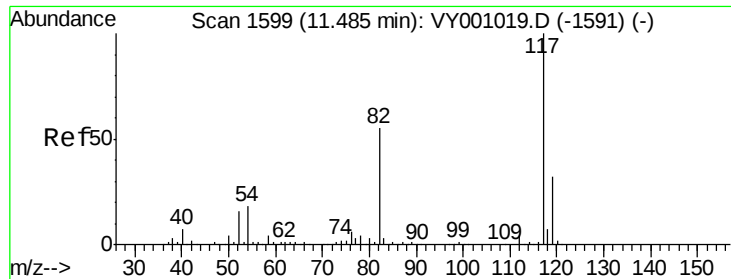
Tgt Ion: 107 Resp: 136086
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 43.837 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion: 95 Resp: 191660
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 156.4
 176 77.8 0.0 155.0

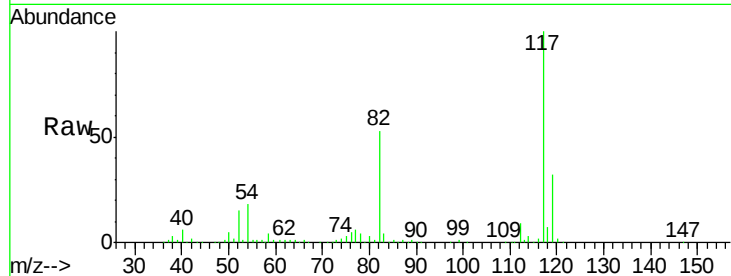




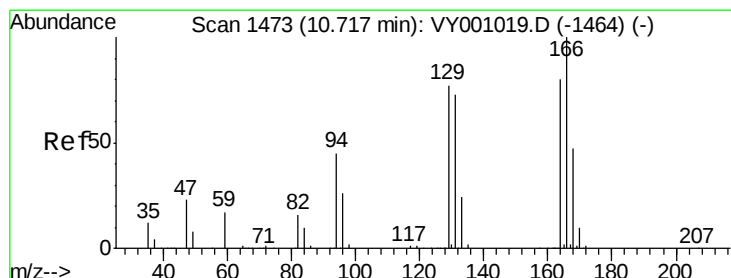
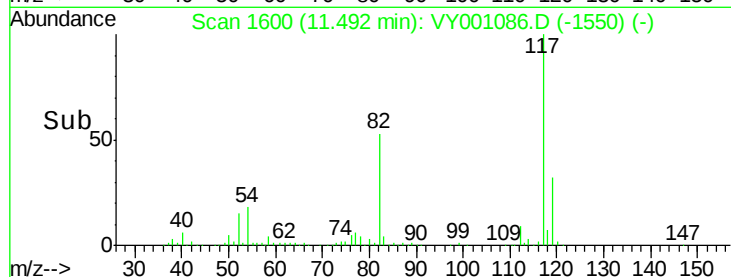
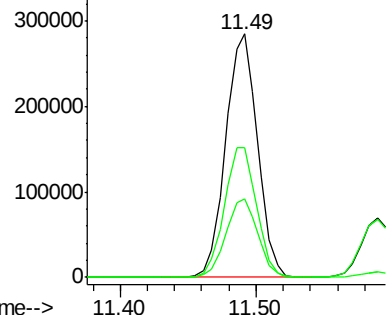
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 467043
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.3 25.8 38.6



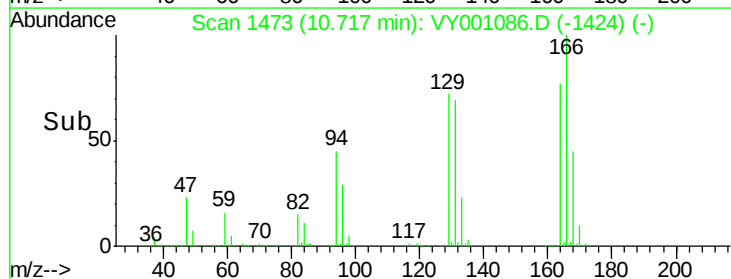
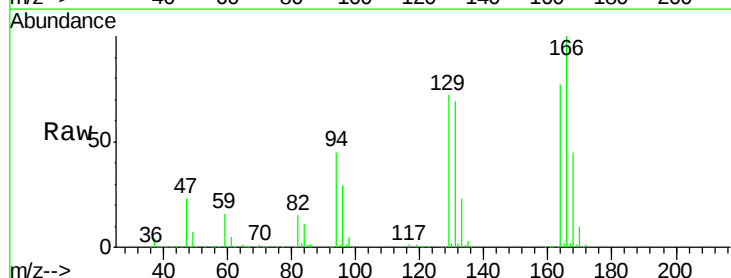
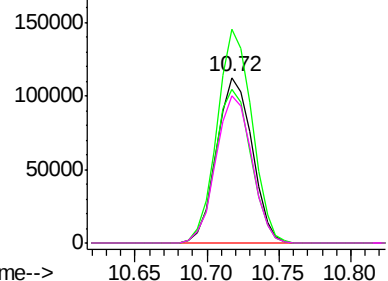
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

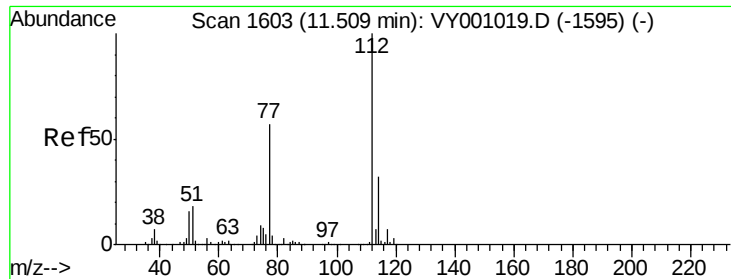


#64
Tetrachloroethene
Concen: 47.409 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:164 Resp: 191581
Ion Ratio Lower Upper
164 100
166 129.3 99.7 149.5
129 92.6 76.9 115.3
131 88.8 72.3 108.5

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.346 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

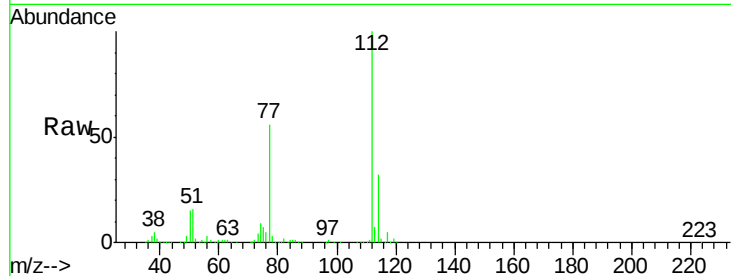
VSTDCCC050EC

Tgt Ion:112 Resp: 458687

Ion Ratio Lower Upper

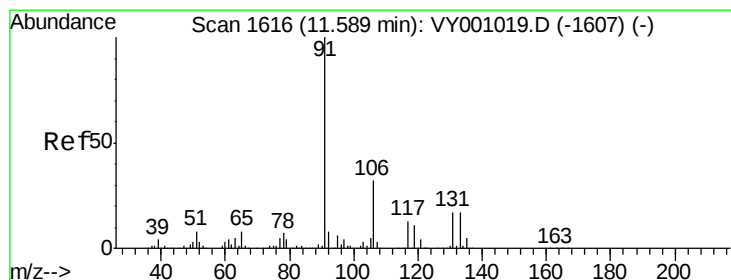
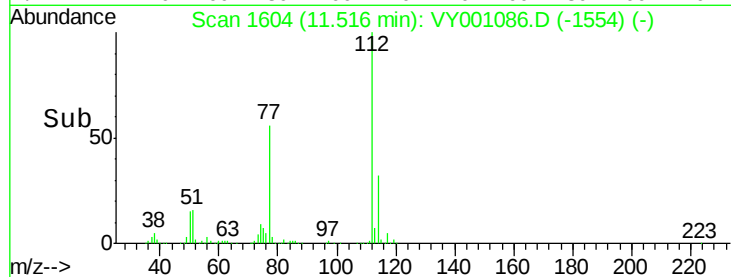
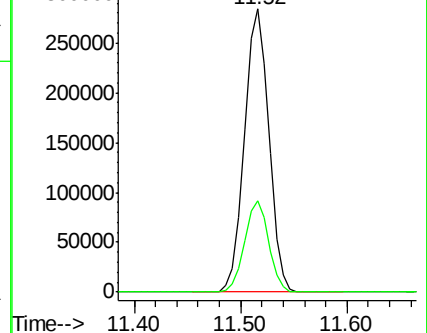
112 100

114 32.2 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.750 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

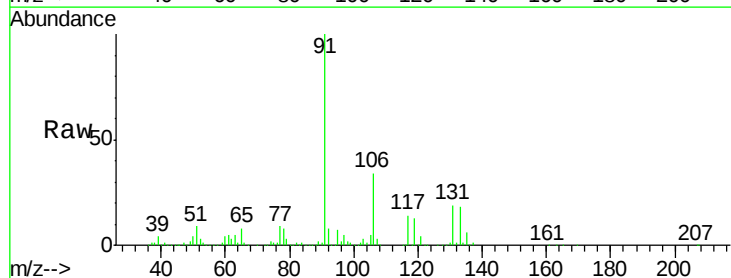
Tgt Ion:131 Resp: 159053

Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.4

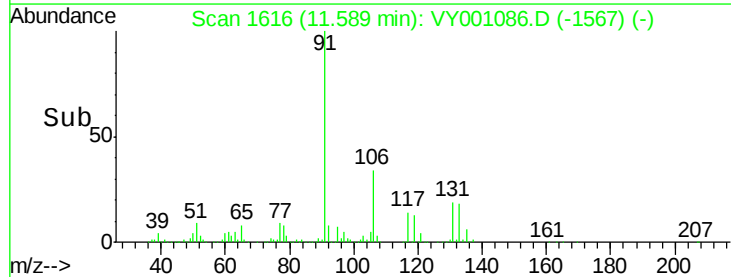
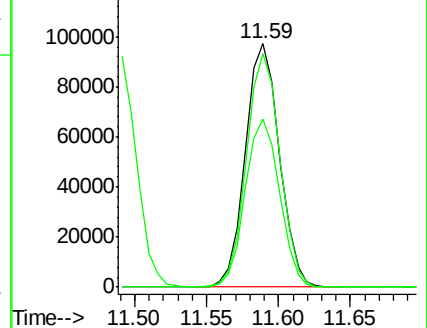
119 69.9 34.0 101.8

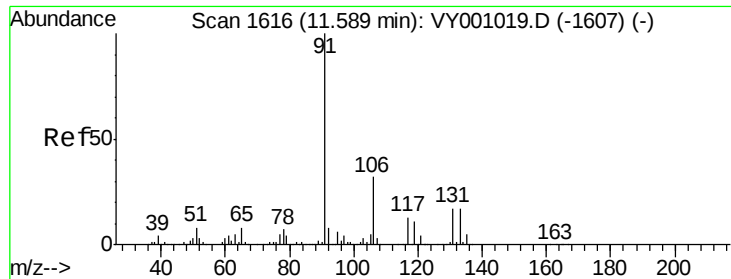


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

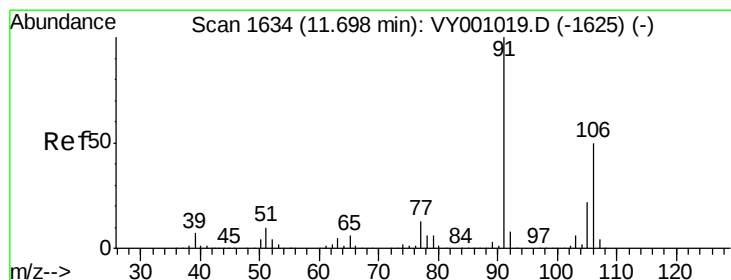
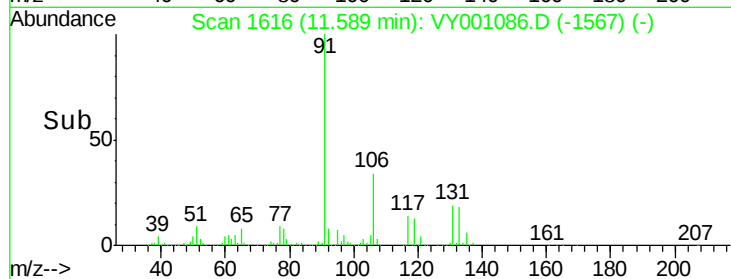
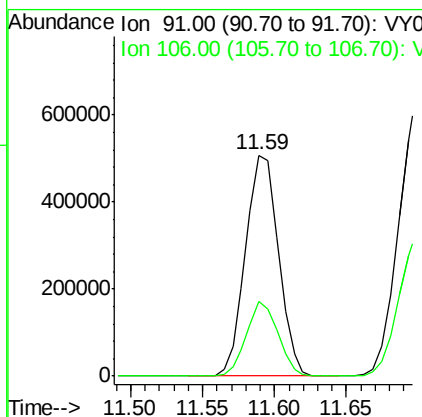
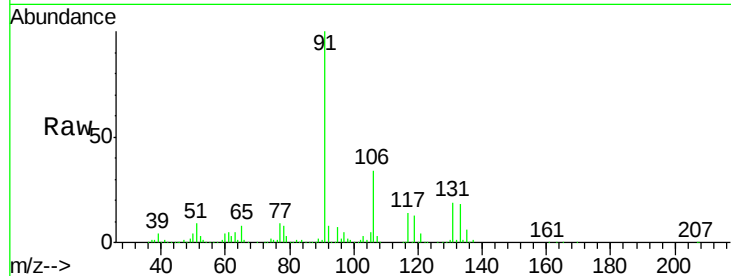




#67
Ethyl Benzene
Concen: 46.288 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

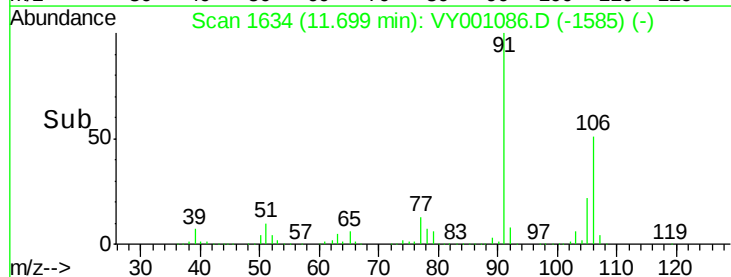
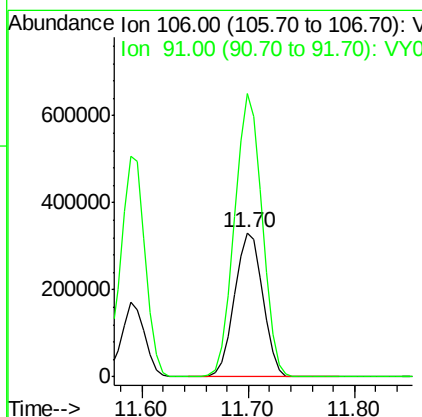
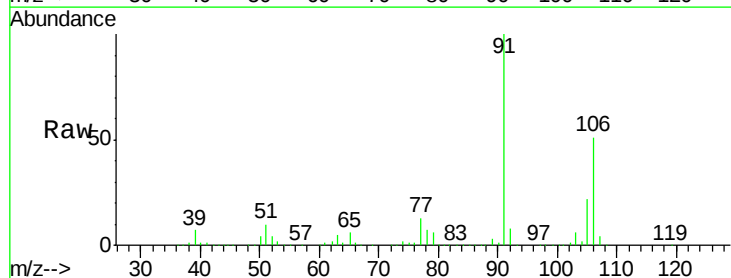
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

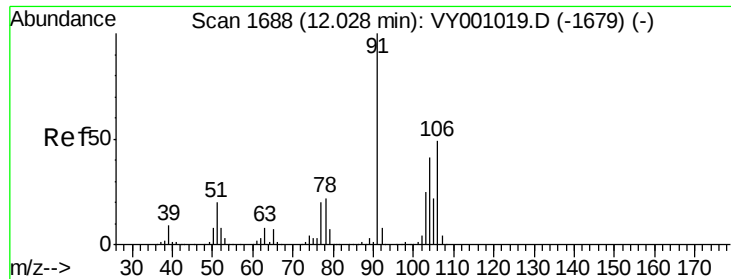
Tgt Ion: 91 Resp: 806591
Ion Ratio Lower Upper
91 100
106 33.6 25.3 37.9



#68
m/p-Xylenes
Concen: 93.219 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 106 Resp: 616772
Ion Ratio Lower Upper
106 100
91 192.2 156.4 234.6

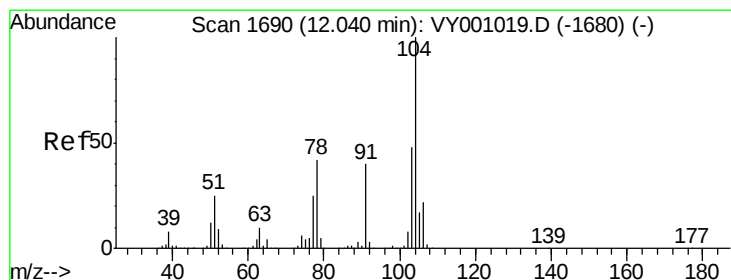
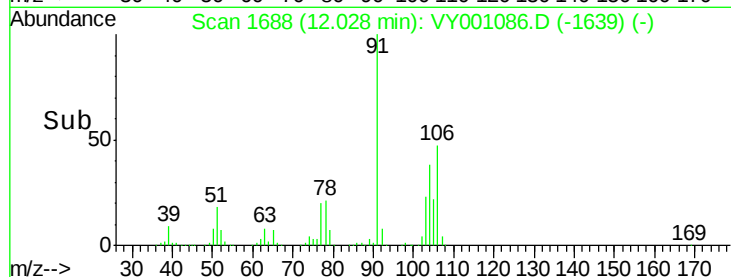
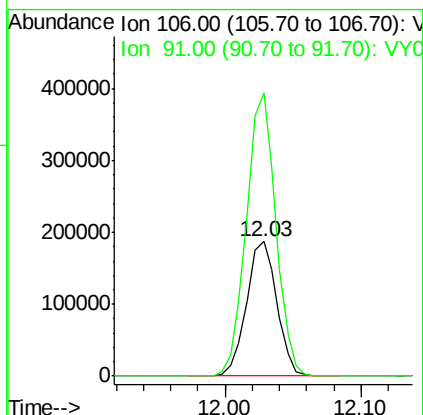
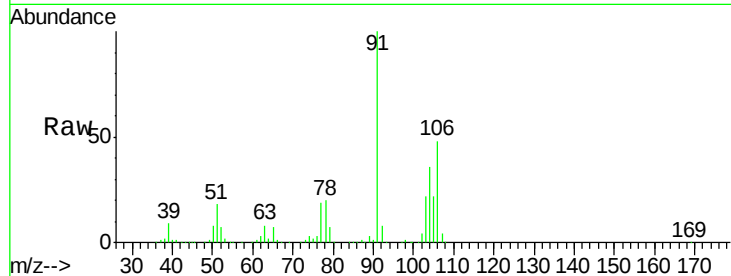




#69
o-Xylene
Concen: 47.115 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

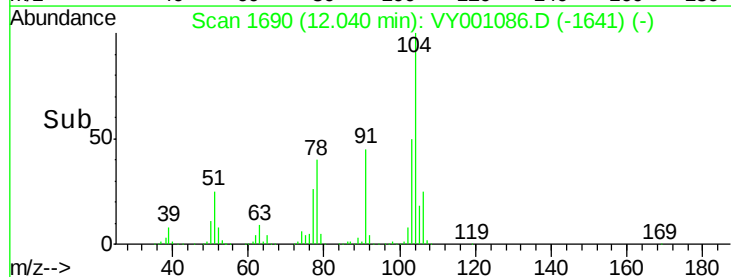
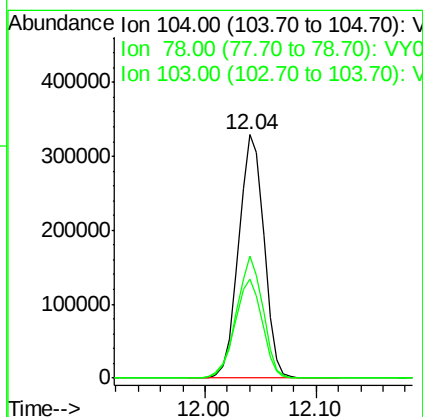
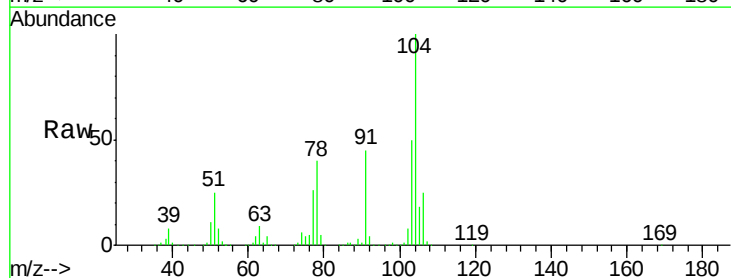
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

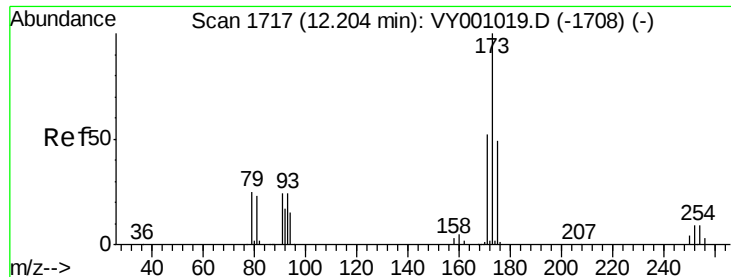
Tgt Ion:106 Resp: 293268
Ion Ratio Lower Upper
106 100
91 204.6 103.0 309.0



#70
Styrene
Concen: 48.882 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:104 Resp: 517358
Ion Ratio Lower Upper
104 100
78 44.2 36.6 54.8
103 52.2 42.6 64.0

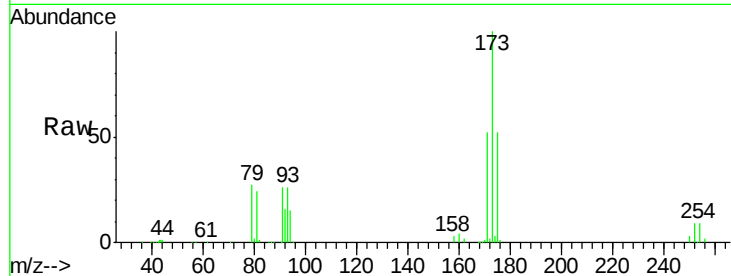




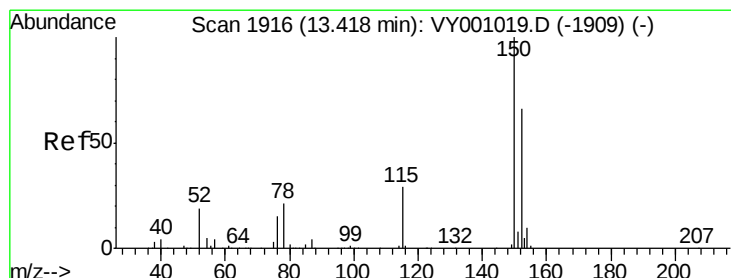
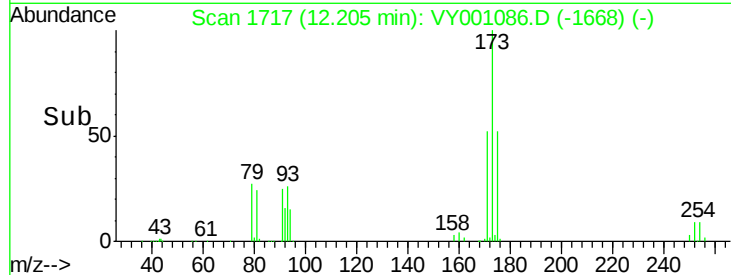
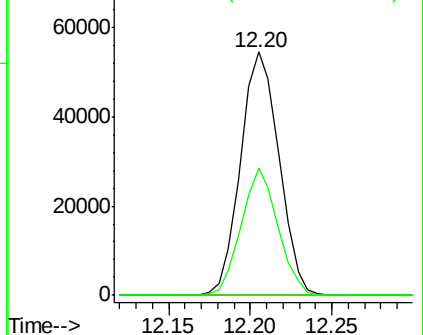
#71
Bromoform
Concen: 50.430 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 89774
Ion Ratio Lower Upper
173 100
175 49.7 24.5 73.5
254 0.0 0.0 0.0

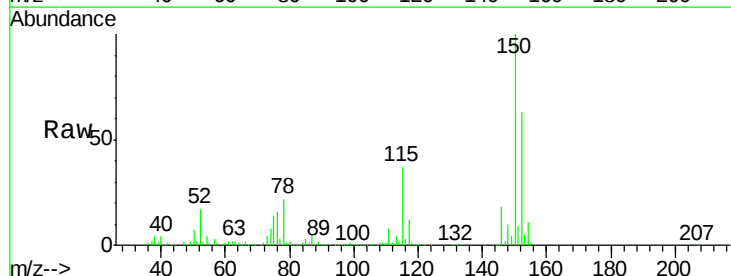


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

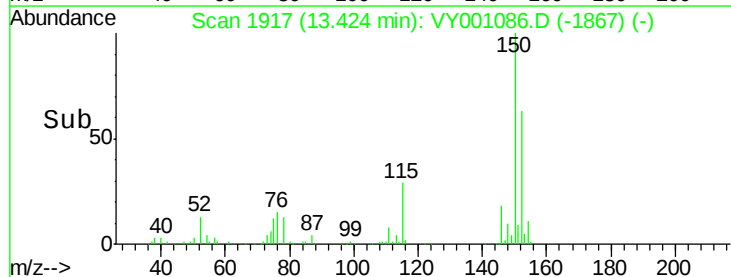
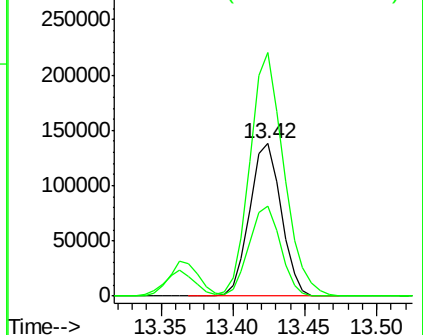


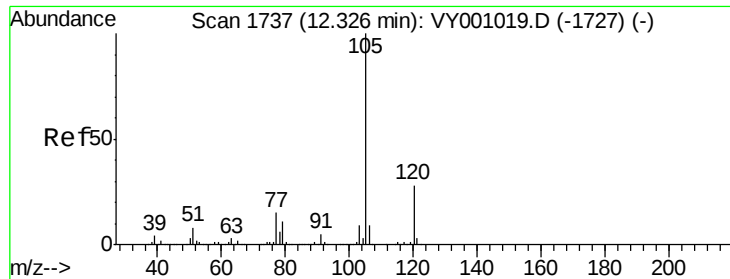
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:152 Resp: 208911
Ion Ratio Lower Upper
152 100
115 58.7 29.8 89.3
150 171.4 0.0 352.6



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: 46.778 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

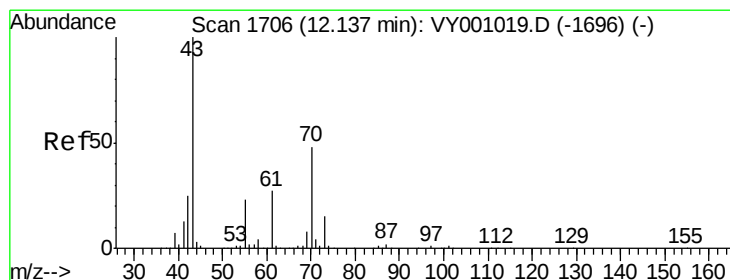
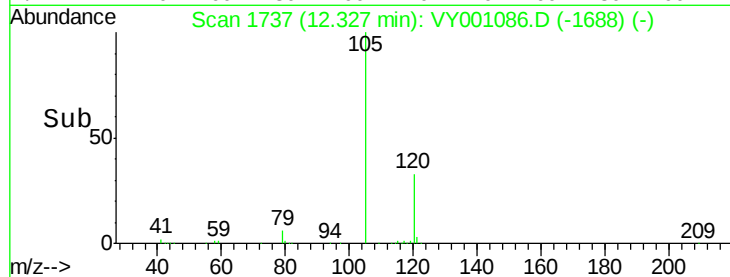
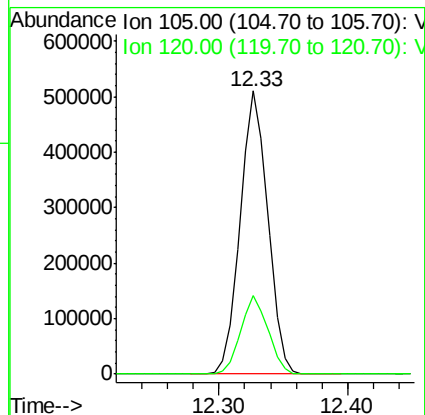
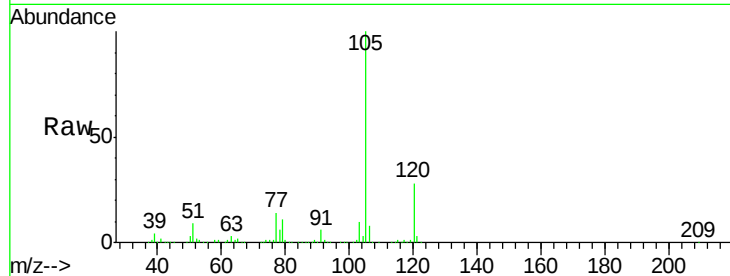
VSTDCCC050EC

Tgt Ion: 105 Resp: 756236

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 46.596 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Tgt Ion: 43 Resp: 197899

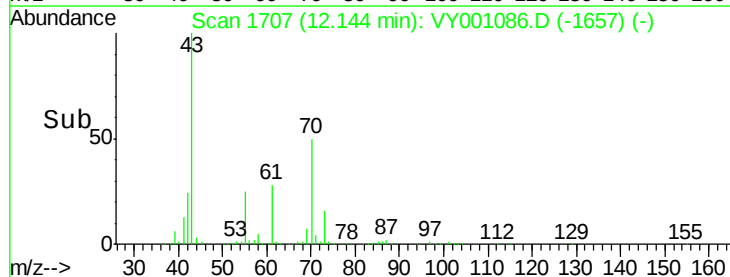
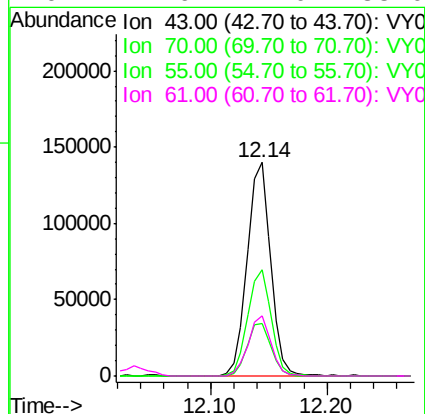
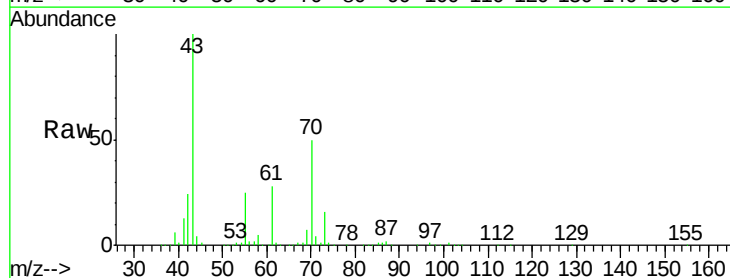
Ion Ratio Lower Upper

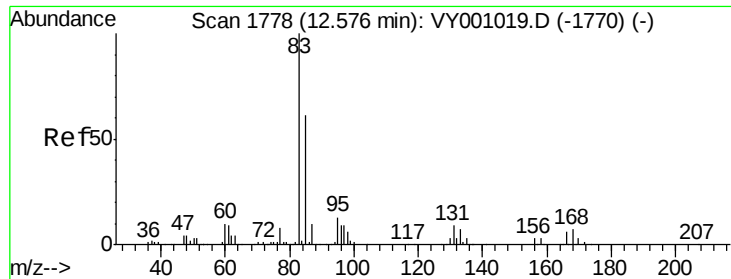
43 100

70 50.0 39.0 58.6

55 25.5 19.5 29.3

61 27.6 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.564 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

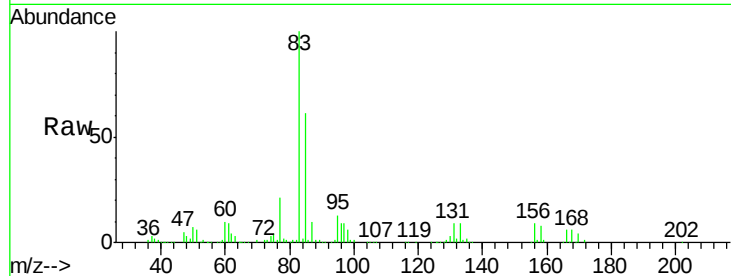
Tgt Ion: 83 Resp: 161036

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

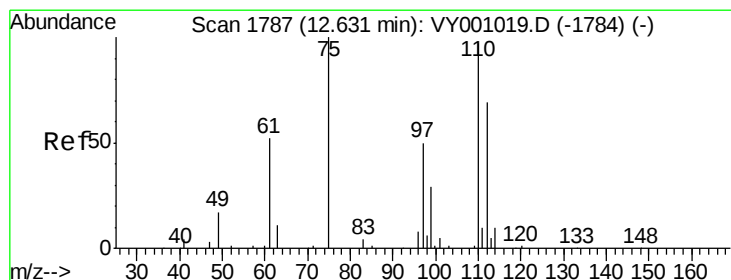
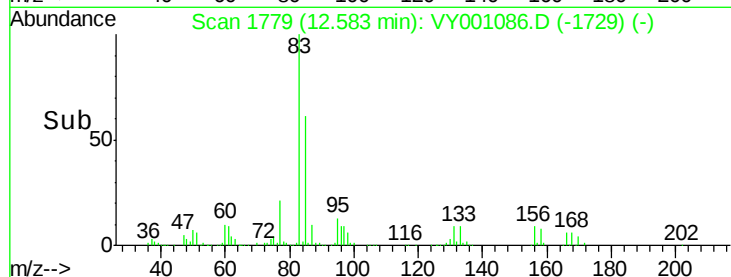
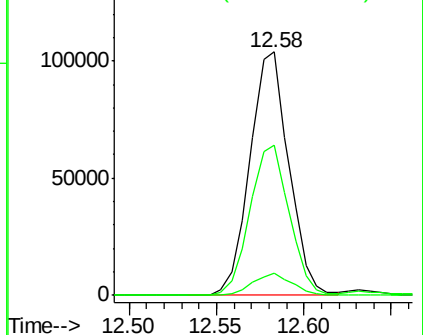
85 62.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 82.848 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001086.D

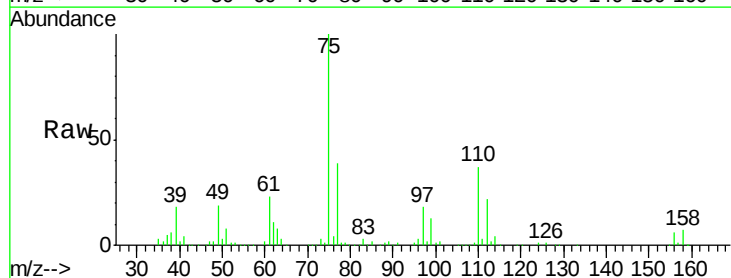
Acq: 26 Dec 2019 20:22

Tgt Ion: 75 Resp: 213371

Ion Ratio Lower Upper

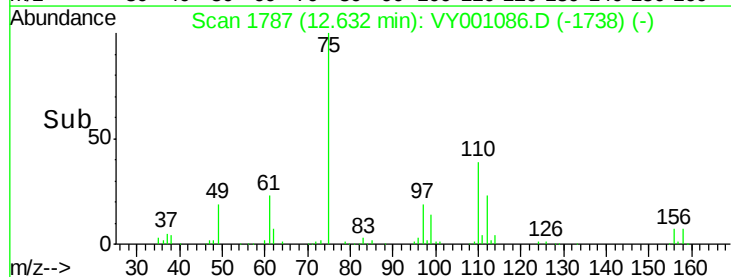
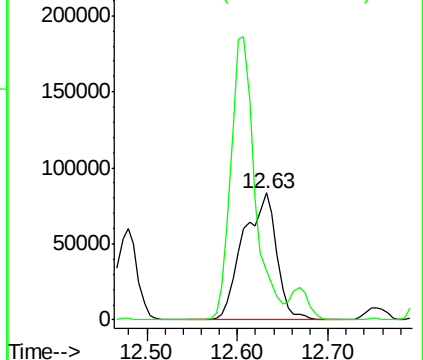
75 100

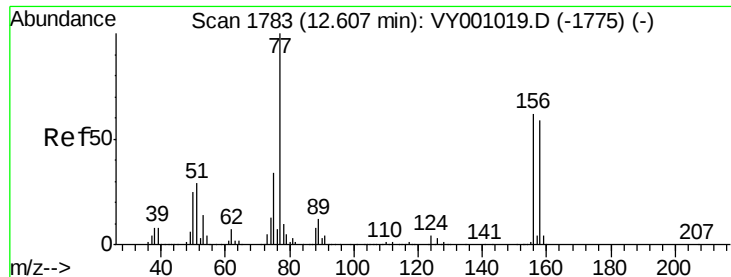
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)

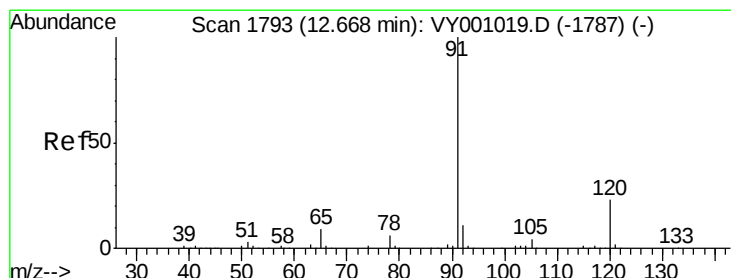
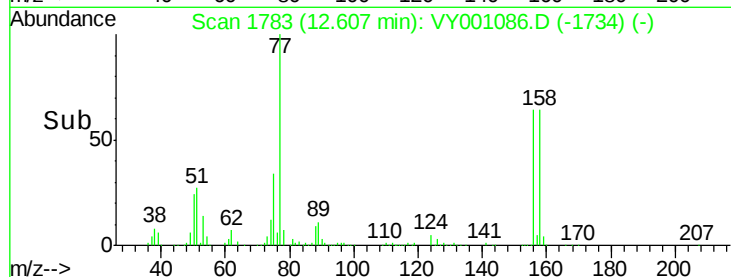
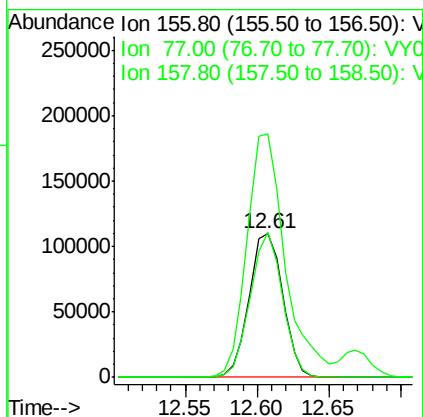
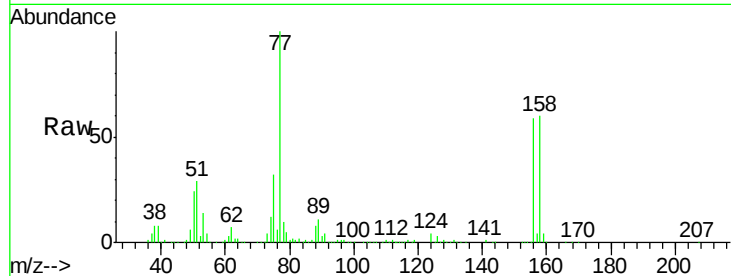




#77
Bromobenzene
Concen: 48.831 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

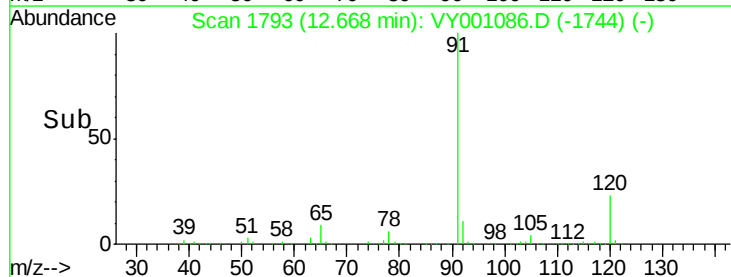
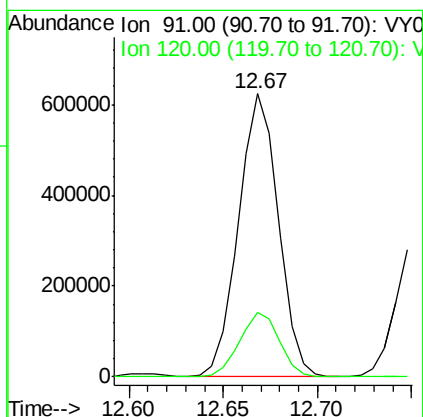
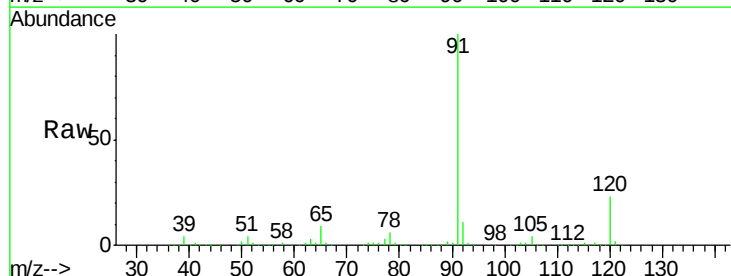
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

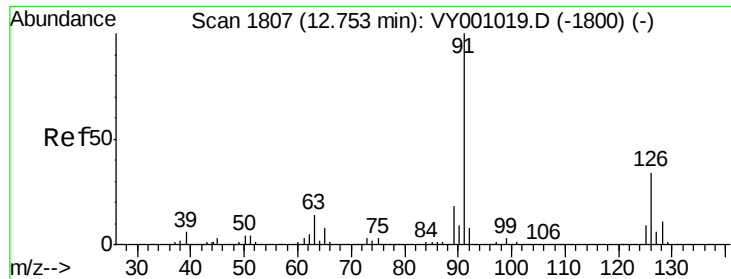
Tgt Ion: 156 Resp: 177544
Ion Ratio Lower Upper
156 100
77 192.9 98.0 294.1
158 96.6 48.5 145.6



#78
n-propylbenzene
Concen: 46.309 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 91 Resp: 912243
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2

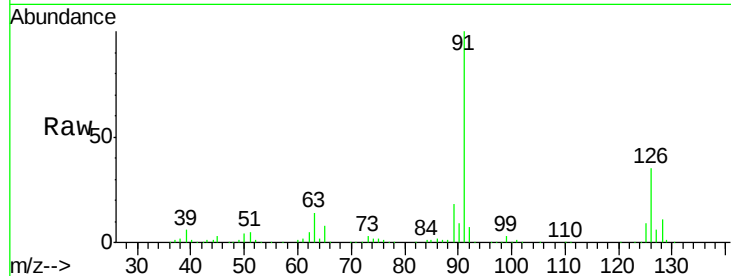




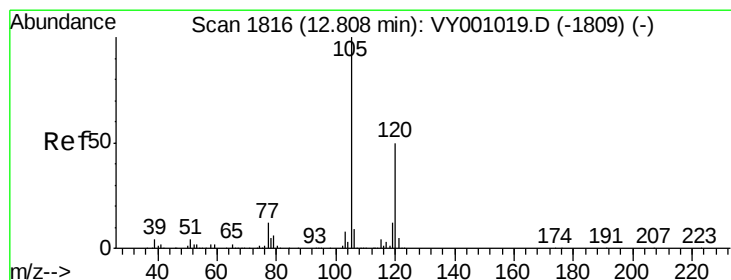
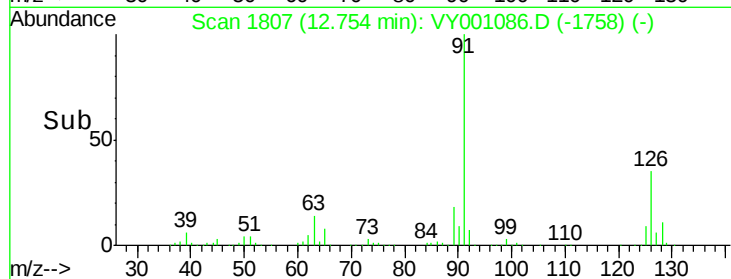
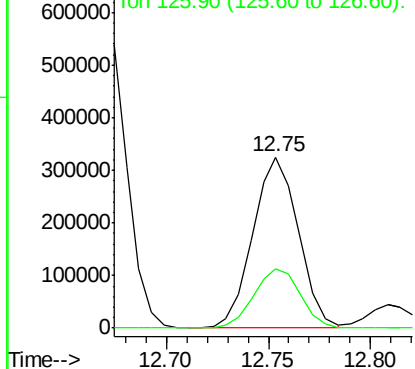
#79
2-Chlorotoluene
Concen: 46.424 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 505035
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

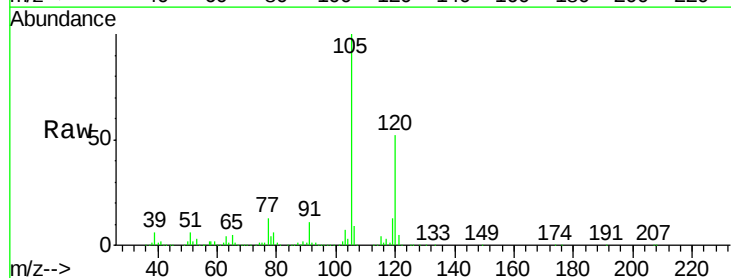


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

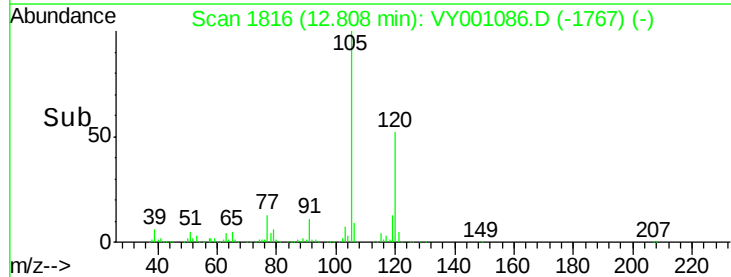
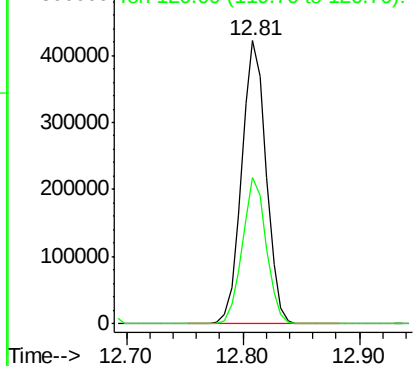


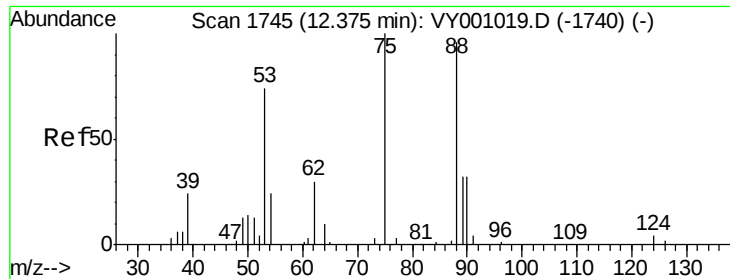
#80
1,3,5-Trimethylbenzene
Concen: 46.626 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 105 Resp: 617865
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.366 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

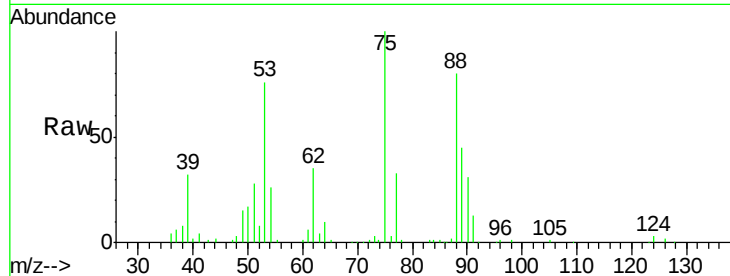
Tgt Ion: 75 Resp: 59612

Ion Ratio Lower Upper

75 100

53 69.8 60.6 91.0

89 47.0 35.4 53.0

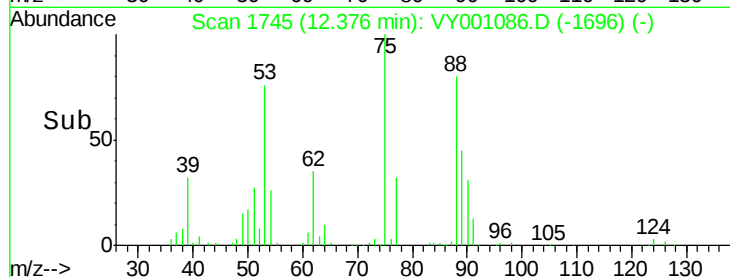


Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1740) (-)

Ion 53.00 (52.70 to 53.70): VY001019.D (-1740) (-)

Ion 88.90 (88.60 to 89.60): VY001019.D (-1740) (-)

Time-->

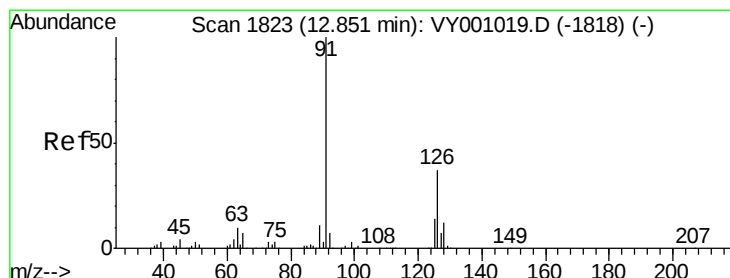


Abundance Ion 74.90 (74.60 to 75.60): VY001086.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY001086.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY001086.D (-1696) (-)

Time-->



#82

4-Chlorotoluene

Concen: 45.930 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001086.D

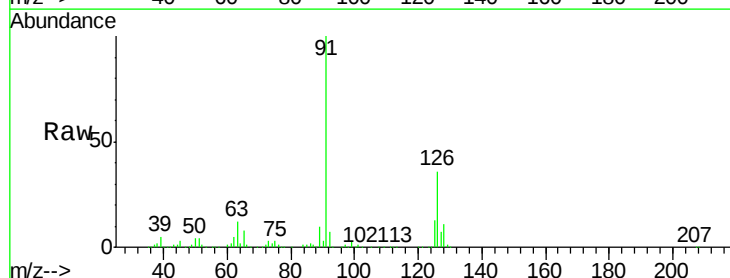
Acq: 26 Dec 2019 20:22

Tgt Ion: 91 Resp: 518979

Ion Ratio Lower Upper

91 100

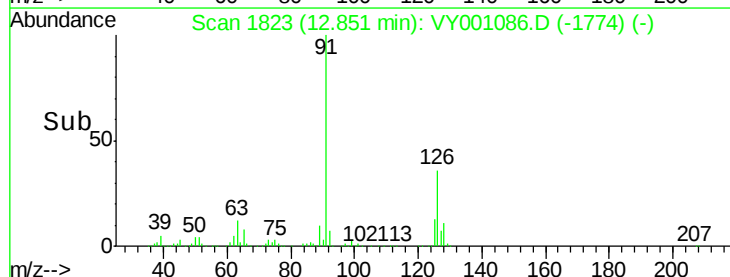
126 36.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1818) (-)

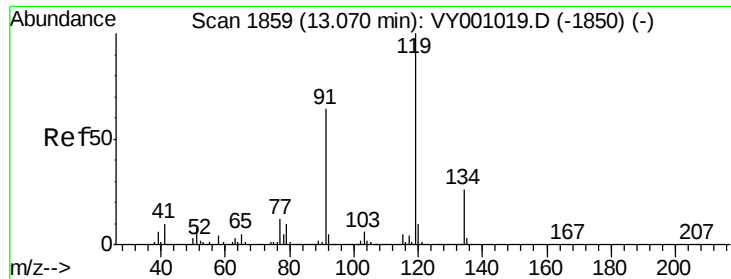
Time-->



Abundance Ion 91.00 (90.70 to 91.70): VY001086.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VY001086.D (-1774) (-)

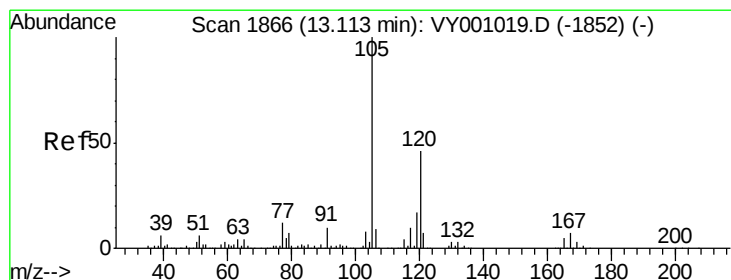
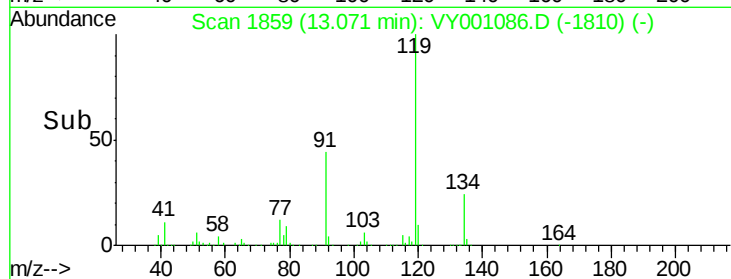
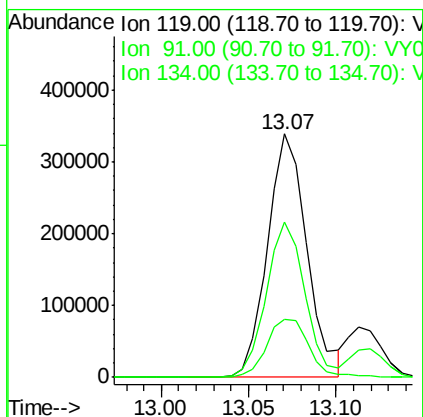
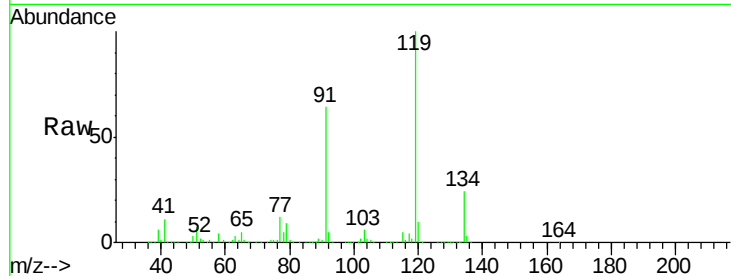
Time-->



#83
 tert-Butylbenzene
 Concen: 47.856 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

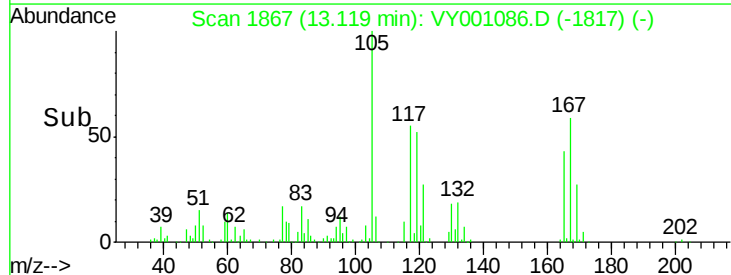
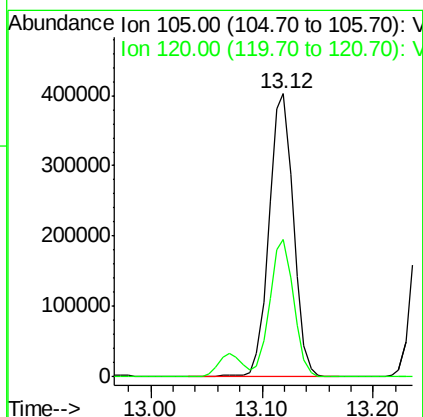
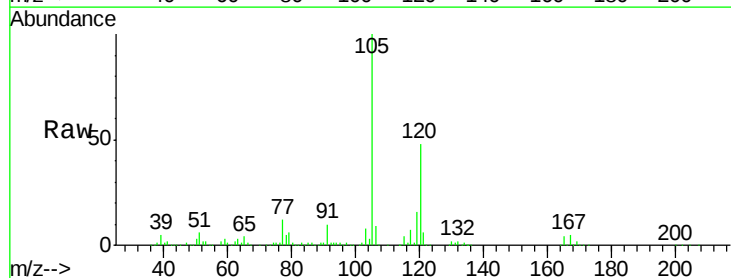
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

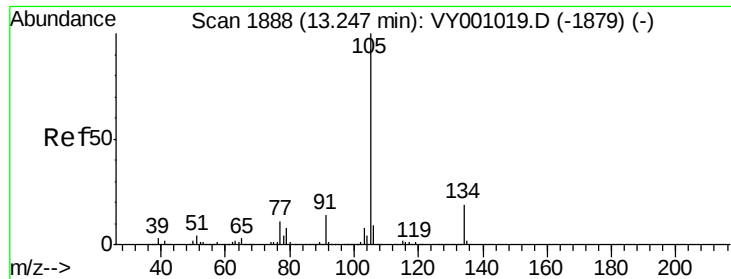
Tgt Ion:119 Resp: 532344
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.9 95.7
 134 26.0 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 46.169 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion:105 Resp: 614807
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.2

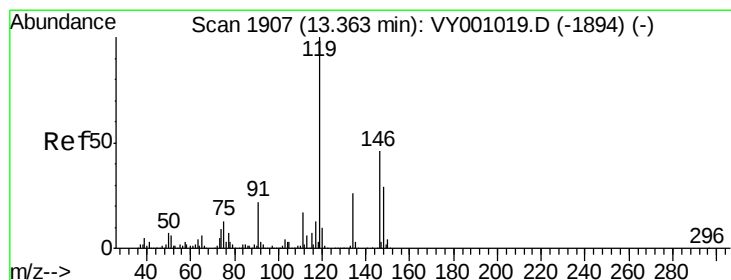
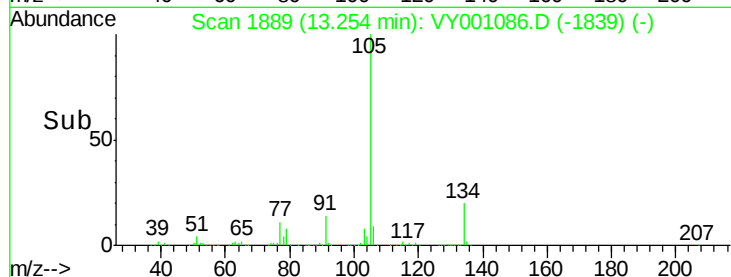
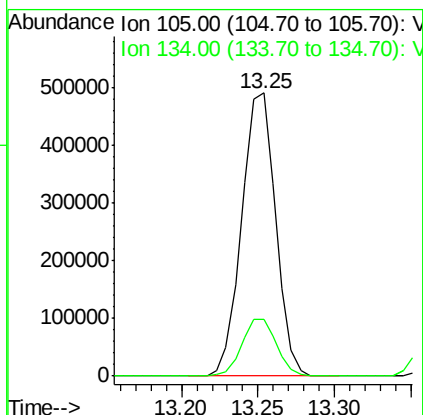
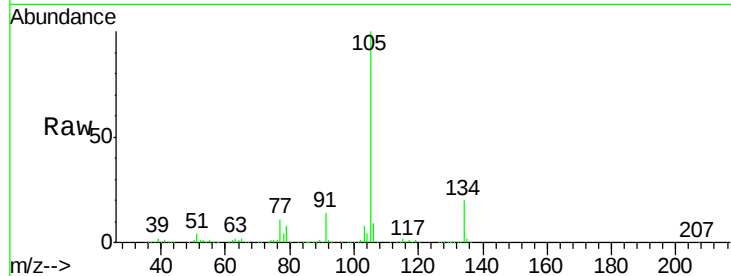




#85
 sec-Butylbenzene
 Concen: 46.278 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

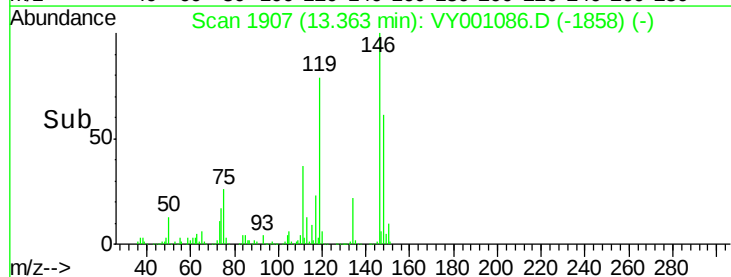
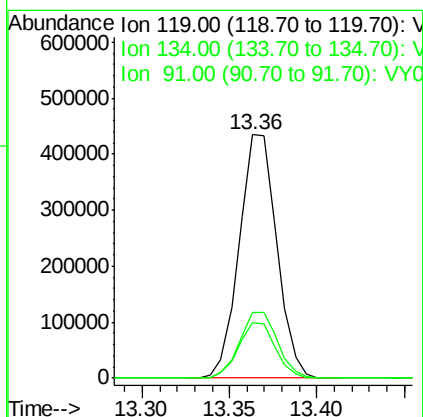
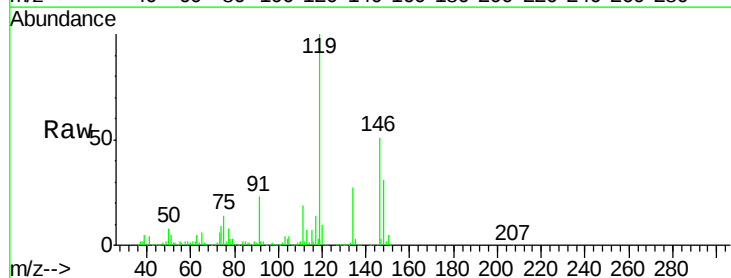
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

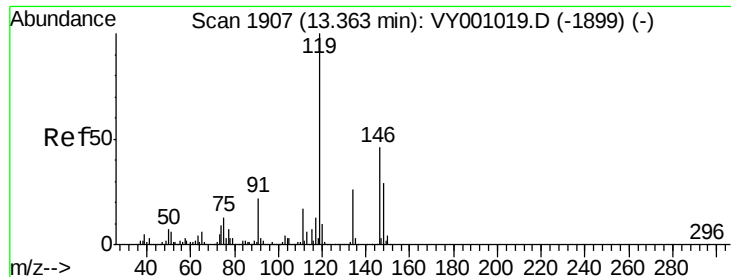
Tgt Ion:105 Resp: 758919
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 45.724 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion:119 Resp: 648814
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 22.4 11.4 34.1

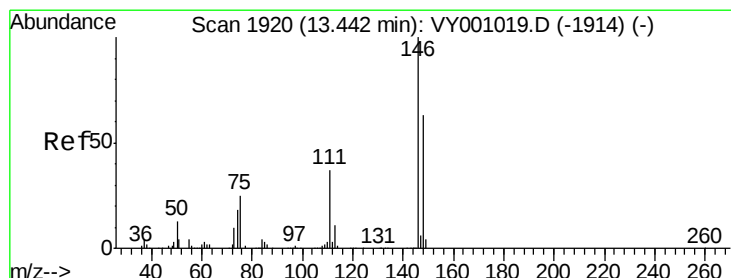
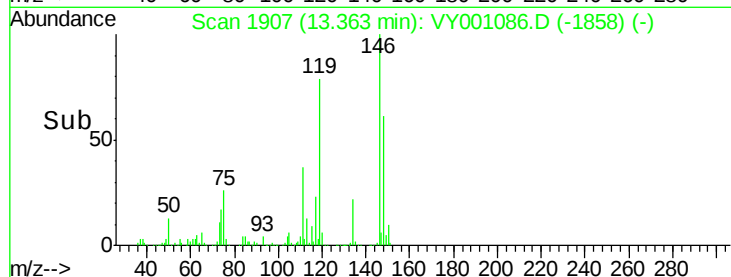
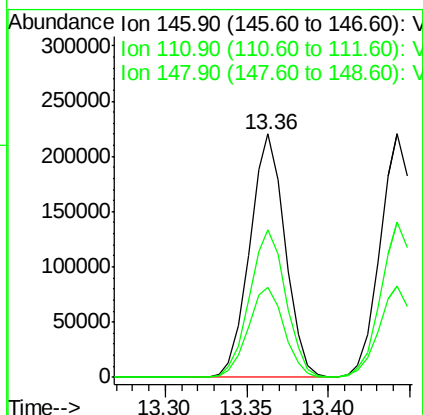
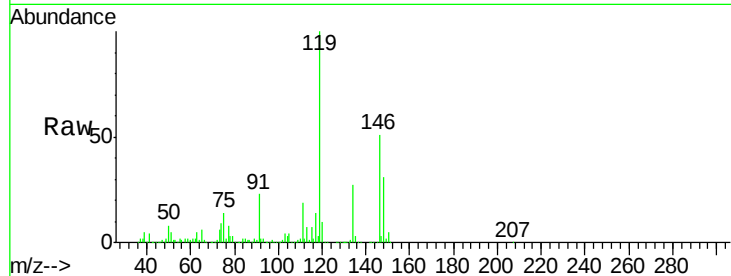




#87
 1,3-Dichlorobenzene
 Concen: 47.554 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

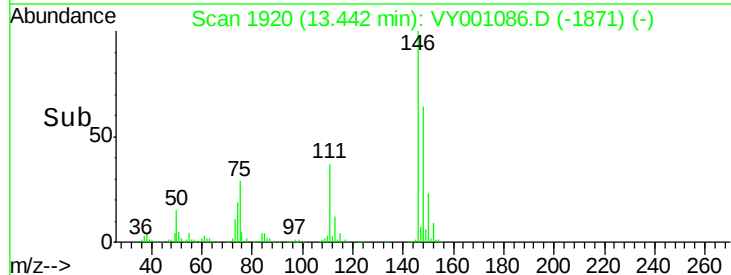
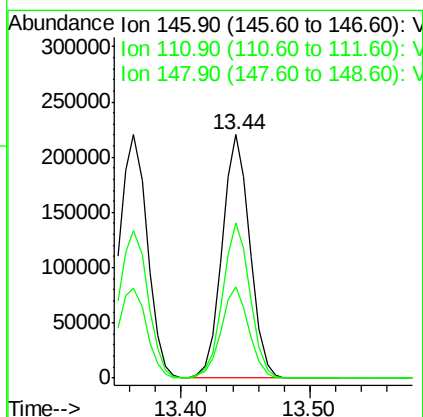
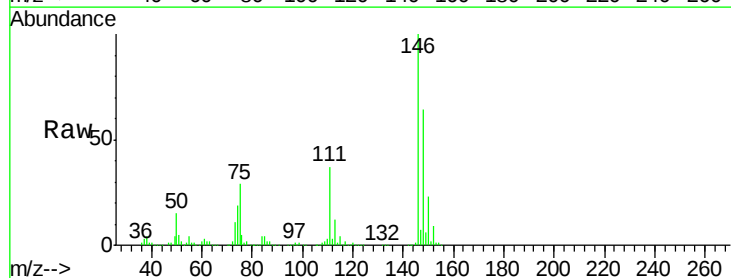
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

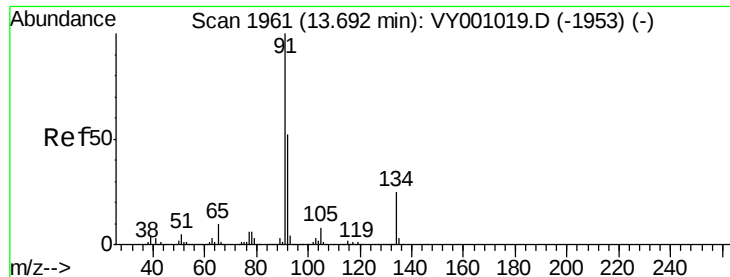
Tgt Ion:146 Resp: 332076
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.7 59.0
 148 62.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.277 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion:146 Resp: 333041
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.4 58.2
 148 63.0 31.8 95.3

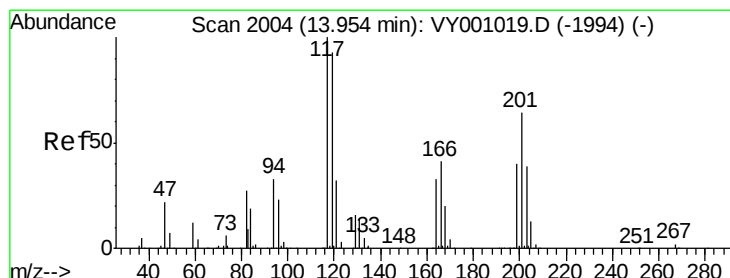
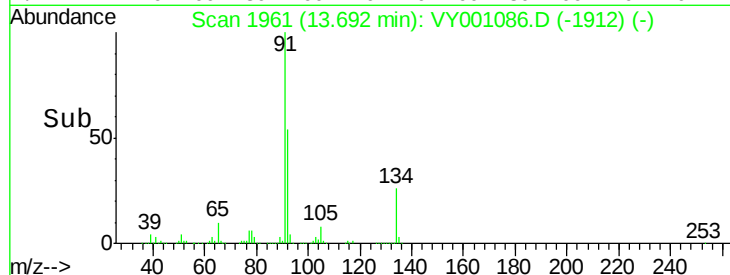
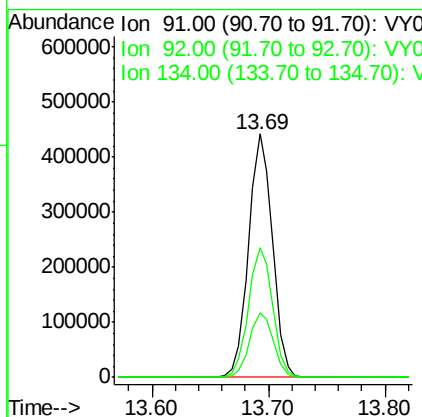
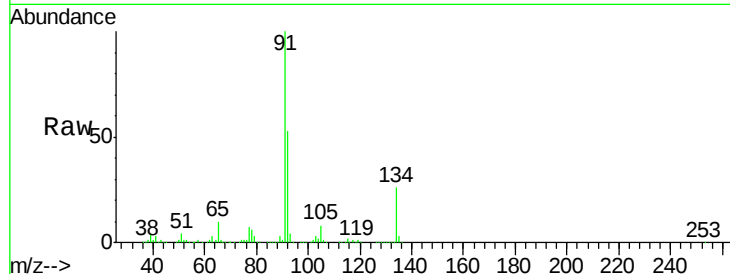




#89
n-Butylbenzene
Concen: 44.291 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

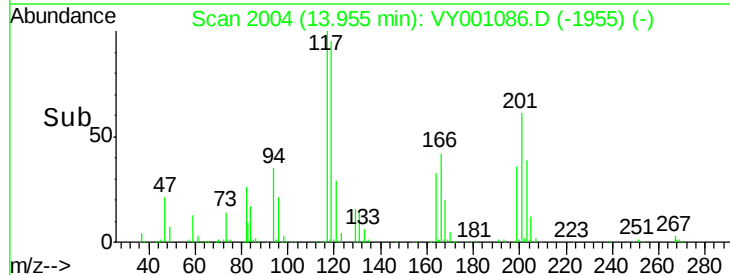
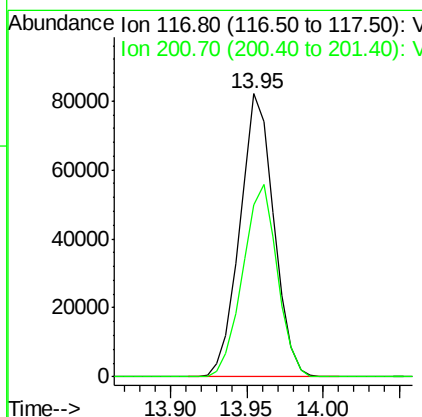
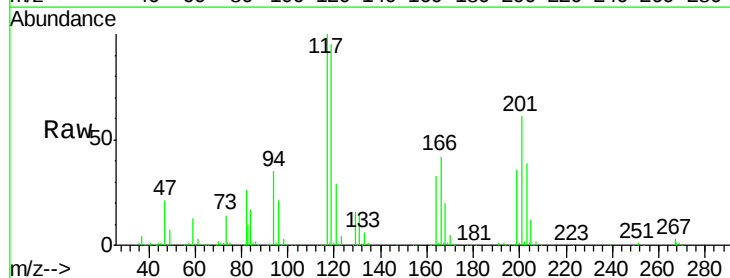
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

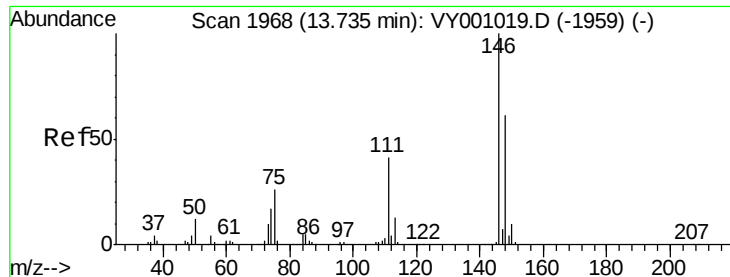
Tgt Ion: 91 Resp: 632323
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 26.5 12.7 38.0



#90
Hexachloroethane
Concen: 47.280 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion: 117 Resp: 126399
Ion Ratio Lower Upper
117 100
201 69.1 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 47.043 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

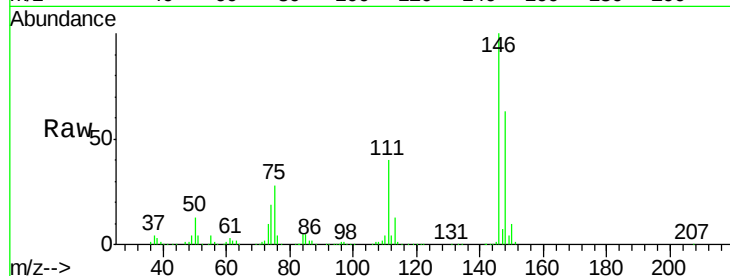
Tgt Ion:146 Resp: 303032

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.9

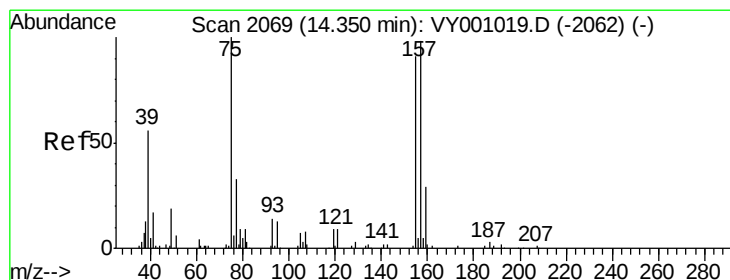
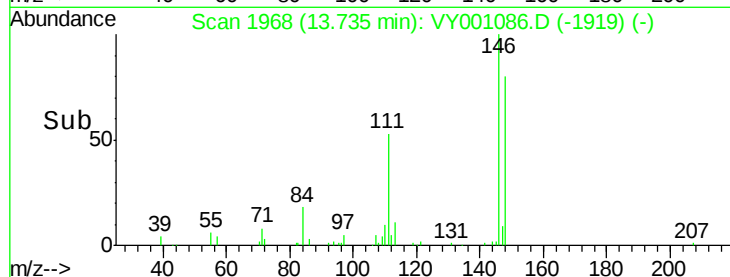
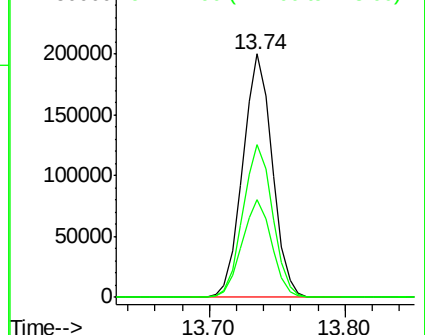
148 63.4 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.188 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VY001086.D

Acq: 26 Dec 2019 20:22

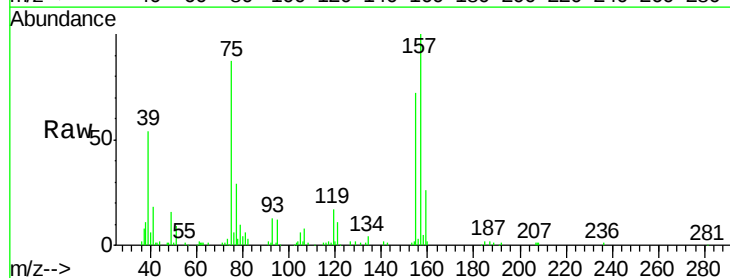
Tgt Ion: 75 Resp: 24611

Ion Ratio Lower Upper

75 100

155 93.7 46.3 138.9

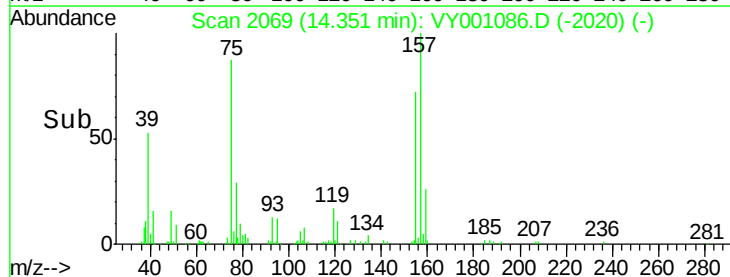
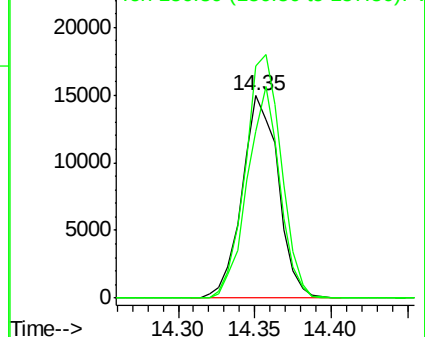
157 119.9 58.1 174.4

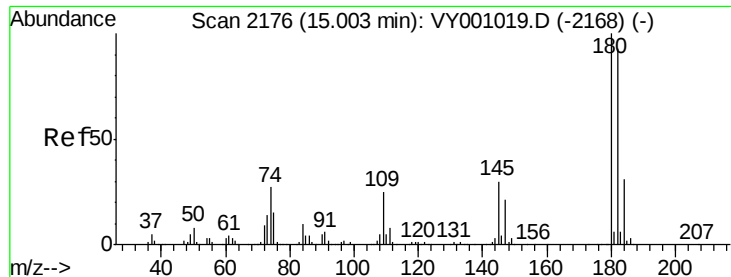


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

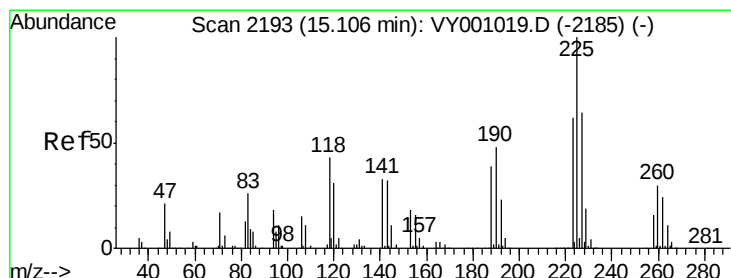
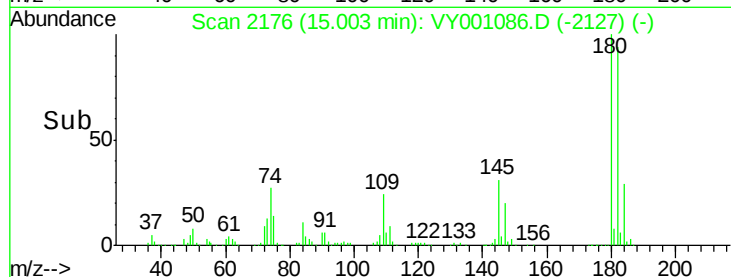
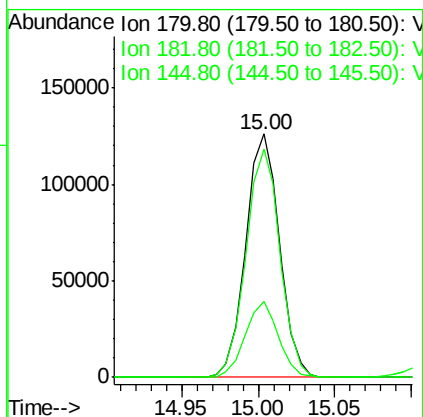
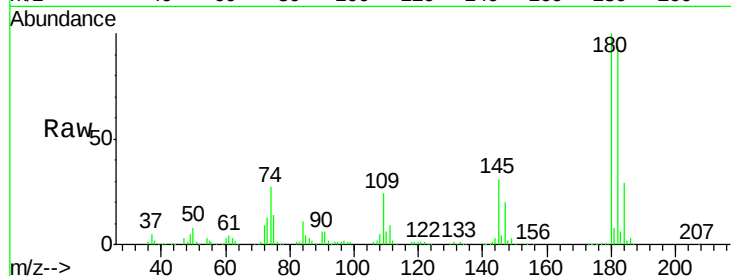




#93
 1,2,4-Trichlorobenzene
 Concen: 44.450 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

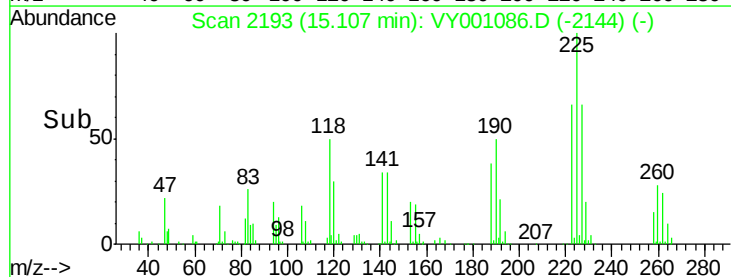
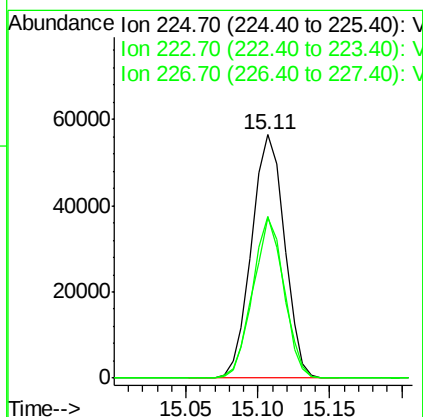
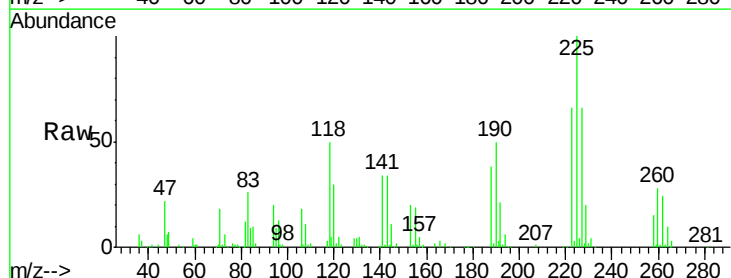
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

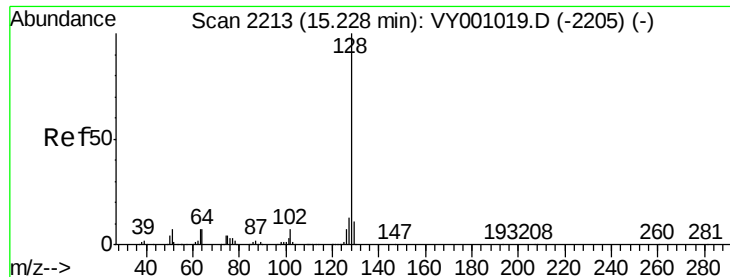
Tgt Ion:180 Resp: 193266
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.8 140.3
 145 30.6 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 43.148 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001086.D
 Acq: 26 Dec 2019 20:22

Tgt Ion:225 Resp: 89274
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 94.8
 227 62.5 31.9 95.5

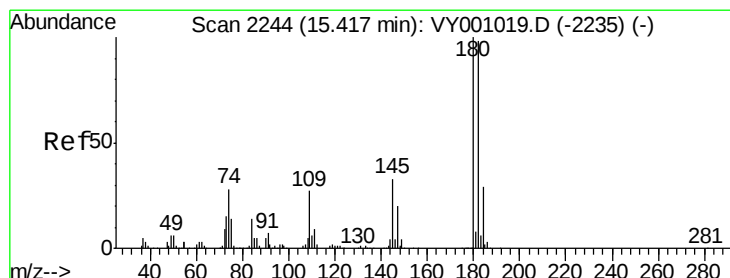
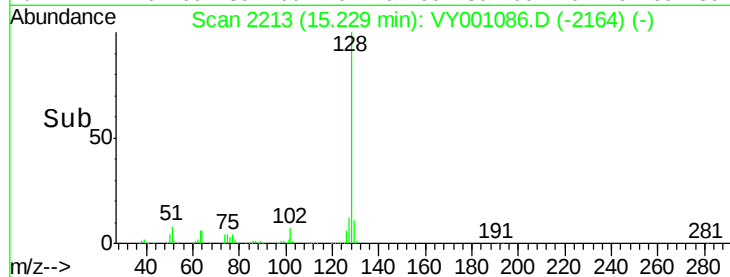
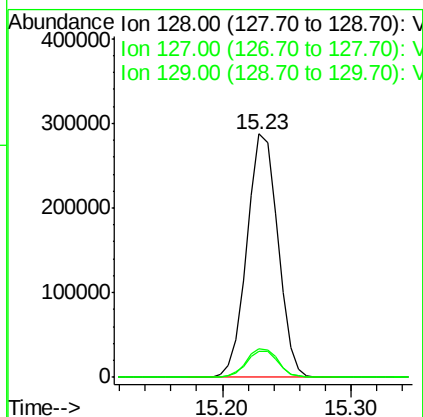
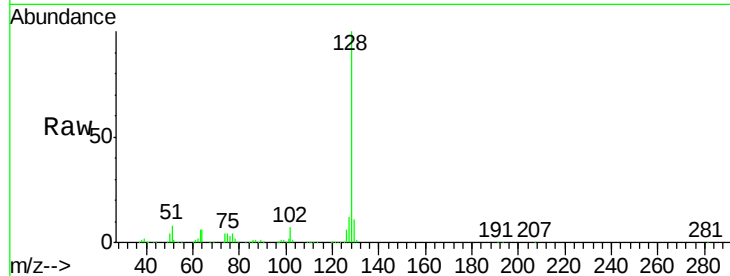




#95
Naphthalene
Concen: 46.353 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 473960
Ion Ratio Lower Upper
128 100
127 12.1 9.9 14.9
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.076 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001086.D
Acq: 26 Dec 2019 20:22

Tgt Ion:180 Resp: 174778
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.8
145 32.7 16.3 48.9

