

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002811.D
 Acq On : 02 Jun 2020 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 05:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	146781	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.72	113	151970	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	10.18	98	590129	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.48	95	204006	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	109839	45.277	ug/l	96
3) Chloromethane	2.12	50	122937	45.815	ug/l	98
4) Vinyl Chloride	2.26	62	139099	49.044	ug/l	97
5) Bromomethane	2.65	94	94946	44.672	ug/l	94
6) Chloroethane	2.80	64	86437	47.013	ug/l	99
7) Trichlorofluoromethane	3.13	101	231083	46.004	ug/l	98
8) Diethyl Ether	3.54	74	85469	43.576	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	142661	47.834	ug/l	98
10) Methyl Iodide	4.10	142	200785	48.113	ug/l	98
11) Tert butyl alcohol	4.97	59	73655	222.455	ug/l	99
12) 1,1-Dichloroethene	3.88	96	139530	46.520	ug/l	94
13) Acrolein	3.74	56	92548	257.979	ug/l	100
14) Allyl chloride	4.49	41	208886	48.559	ug/l	98
15) Acrylonitrile	5.18	53	212147	239.755	ug/l	99
16) Acetone	3.96	43	195149	271.863	ug/l	100
17) Carbon Disulfide	4.20	76	410358	45.276	ug/l	98
18) Methyl Acetate	4.49	43	88169	48.930	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	393130	47.479	ug/l	99
20) Methylene Chloride	4.72	84	157203	44.813	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	155768	46.180	ug/l	98
22) Diisopropyl ether	6.13	45	430521	48.161	ug/l	97
23) Vinyl Acetate	6.07	43	1470122	249.094	ug/l	100
24) 1,1-Dichloroethane	6.02	63	250630	47.929	ug/l	99
25) 2-Butanone	6.99	43	275498	246.340	ug/l	99
26) 2,2-Dichloropropane	6.99	77	229743	45.810	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	175191	46.396	ug/l	100
28) Bromochloromethane	7.34	49	105646	49.214	ug/l	99
29) Tetrahydrofuran	7.35	42	174357	239.681	ug/l	99
30) Chloroform	7.51	83	261298	47.090	ug/l	99
31) Cyclohexane	7.78	56	232303	44.744	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	237470	45.925	ug/l	100
36) 1,1-Dichloropropene	7.93	75	204162	46.566	ug/l	100
37) Ethyl Acetate	7.08	43	118080	49.501	ug/l	99
38) Carbon Tetrachloride	7.91	117	223233	45.833	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002811.D
 Acq On : 02 Jun 2020 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 05:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.19	83	266336	46.087	ug/l	99
40) Benzene	8.16	78	603836	46.611	ug/l	100
41) Methacrylonitrile	7.35	41	157701	123.059	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	166124	45.756	ug/l	99
43) Isopropyl Acetate	8.28	43	219483	48.554	ug/l	99
44) Trichloroethene	8.94	130	187933	45.926	ug/l	97
45) 1,2-Dichloropropane	9.22	63	147954	47.624	ug/l	100
46) Dibromomethane	9.31	93	86698	46.990	ug/l	99
47) Bromodichloromethane	9.50	83	208511	47.938	ug/l	99
48) Methyl methacrylate	9.30	41	97829	47.941	ug/l	98
49) 1,4-Dioxane	9.30	88	24640	869.754	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	584218	244.070	ug/l	100
52) Toluene	10.24	92	392718	46.340	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	226459	47.667	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	254743	47.321	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131698	46.624	ug/l	97
56) Ethyl methacrylate	10.51	69	183218	48.427	ug/l	100
57) 1,3-Dichloropropane	10.79	76	219612	47.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	459633	248.628	ug/l	99
59) 2-Hexanone	10.83	43	419181	246.816	ug/l	99
60) Dibromochloromethane	10.99	129	167384	46.740	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131875	47.328	ug/l	100
64) Tetrachloroethene	10.72	164	195103	45.089	ug/l	99
65) Chlorobenzene	11.52	112	440207	46.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	167904	47.376	ug/l	100
67) Ethyl Benzene	11.59	91	765643	46.932	ug/l	100
68) m/p-Xylenes	11.70	106	591583	93.529	ug/l	100
69) o-Xylene	12.03	106	281889	47.209	ug/l	100
70) Styrene	12.04	104	490301	47.367	ug/l	100
71) Bromoform	12.21	173	113792	47.984	ug/l #	99
73) Isopropylbenzene	12.33	105	767114	47.538	ug/l	100
74) N-amyl acetate	12.14	43	202972	49.022	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	144374	50.992	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	206972	91.219	ug/l #	100
77) Bromobenzene	12.61	156	197605	47.029	ug/l	99
78) n-propylbenzene	12.67	91	892548	47.883	ug/l	100
79) 2-Chlorotoluene	12.75	91	491632	47.019	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	638306	47.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	60248	50.026	ug/l	97
82) 4-Chlorotoluene	12.85	91	514466	46.962	ug/l	99
83) tert-Butylbenzene	13.08	119	571795	47.576	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	639468	47.201	ug/l	100
85) sec-Butylbenzene	13.25	105	773990	47.099	ug/l	100
86) p-Isopropyltoluene	13.37	119	732344	47.894	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	368917	46.352	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	369408	46.398	ug/l	100
89) n-Butylbenzene	13.70	91	658730	47.450	ug/l	100
90) Hexachloroethane	13.96	117	136680	47.747	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	336364	46.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26264	48.215	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002811.D
Acq On : 02 Jun 2020 10:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 03 05:08:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

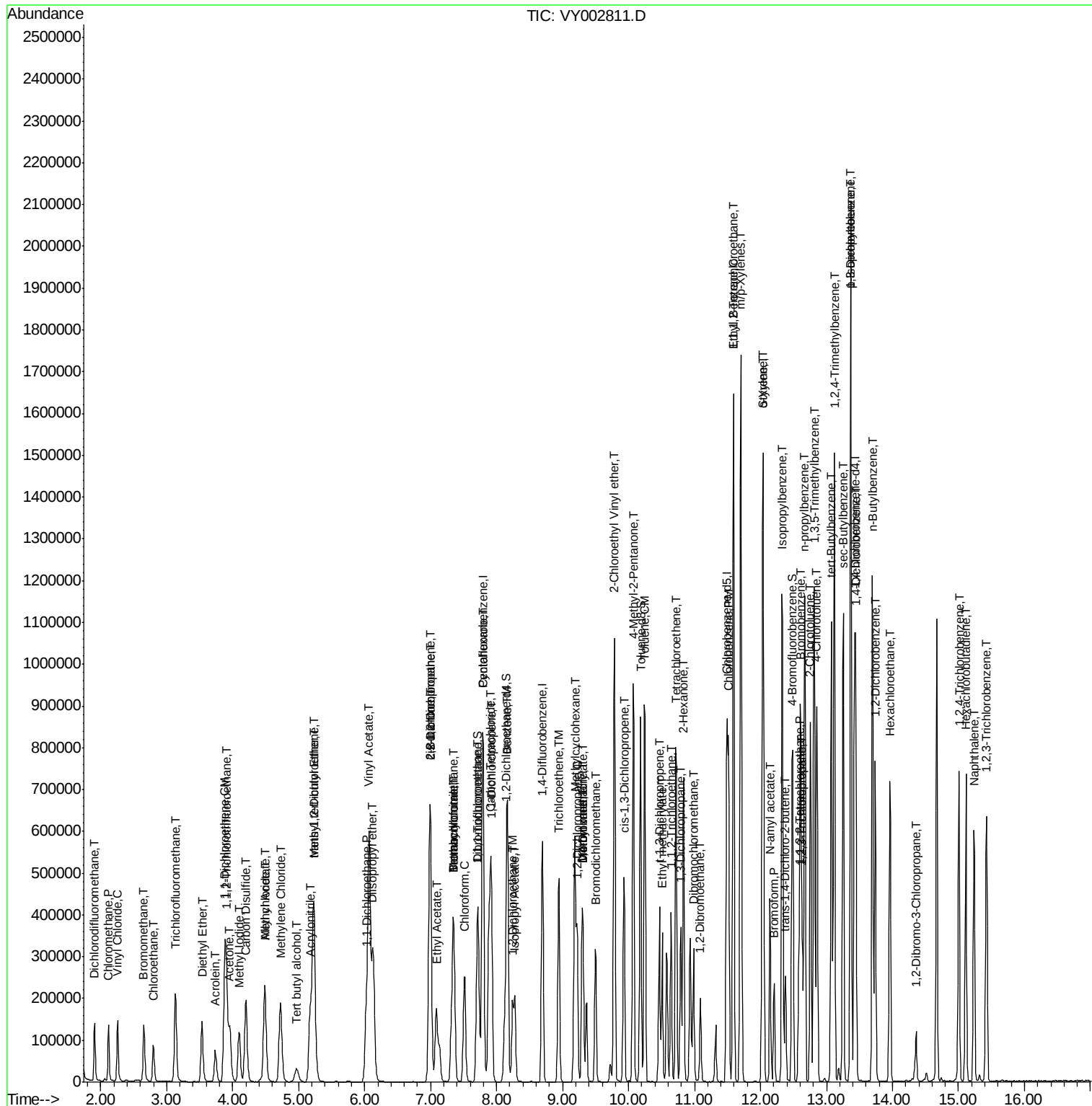
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	250666	46.073	ug/l	99
94) Hexachlorobutadiene	15.11	225	144524	46.835	ug/l	99
95) Naphthalene	15.23	128	507668	46.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	224804	46.271	ug/l	99

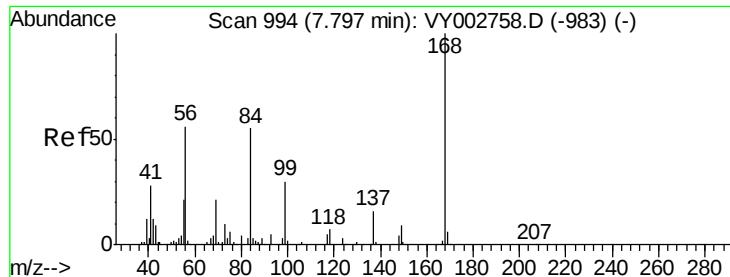
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
Data File : VY002811.D
Acq On : 02 Jun 2020 10:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 03 05:08:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

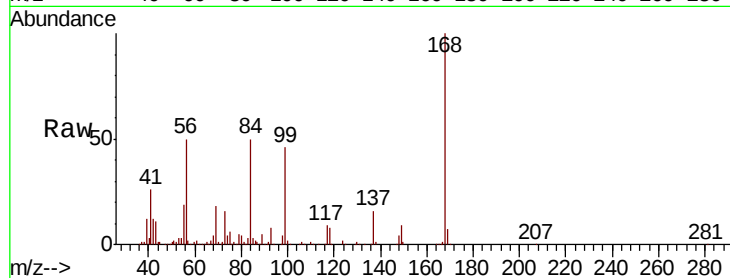
VSTDCCC050

Tot Ion:168 Resp: 352564

Ion Ratio Lower Upper

168 100

99 46.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

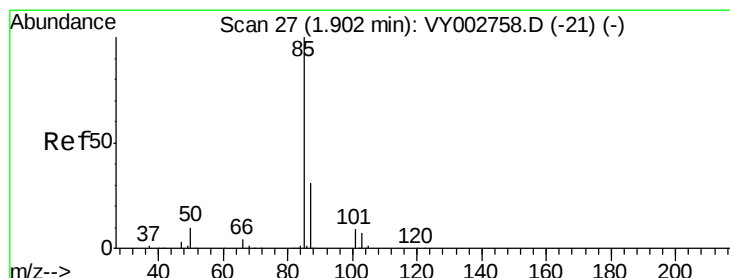
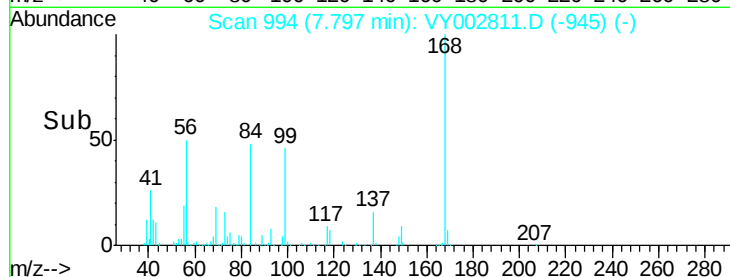
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.277 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002811.D

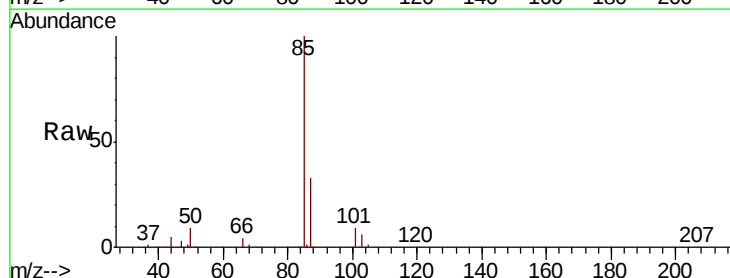
Acq: 02 Jun 2020 10:26

Tgt Ion: 85 Resp: 109839

Ion Ratio Lower Upper

85 100

87 33.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

80000

60000

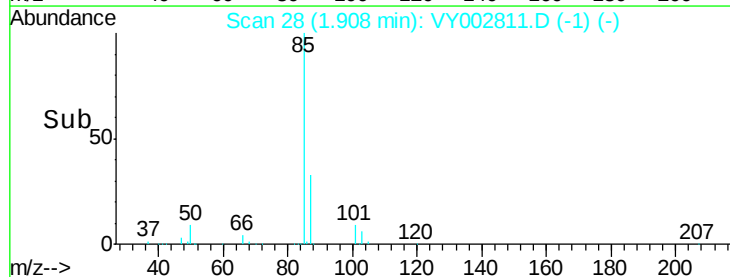
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.815 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

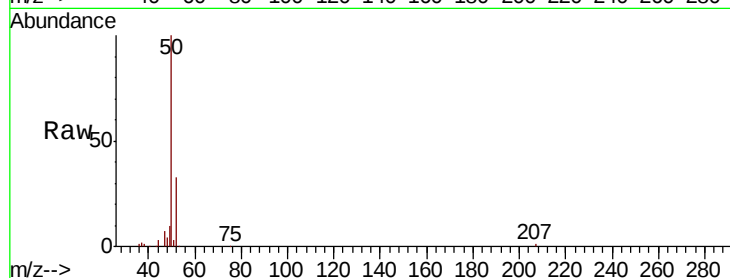
VSTDCCC050

Tot Ion: 50 Resp: 122937

Ion Ratio Lower Upper

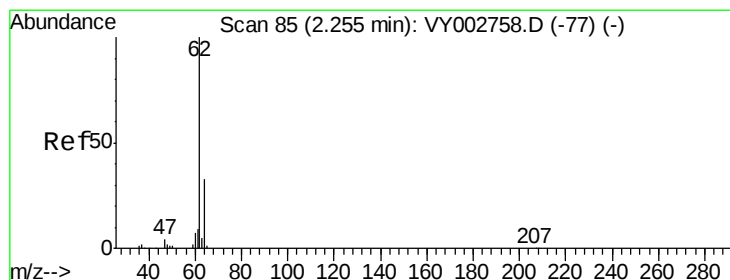
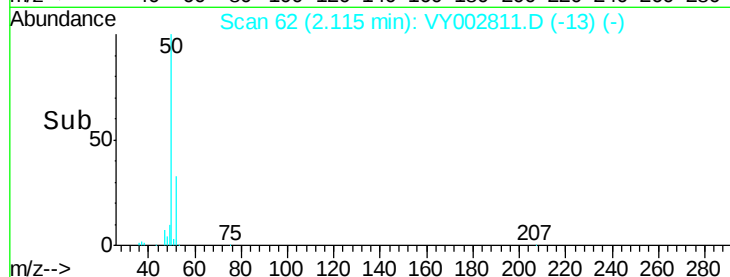
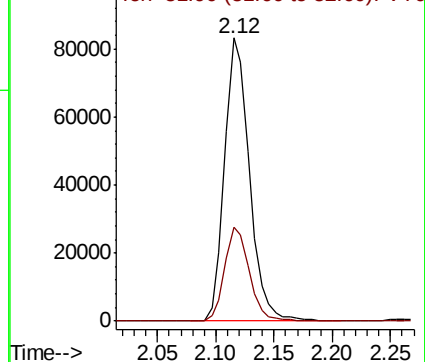
50 100

52 33.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.044 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002811.D

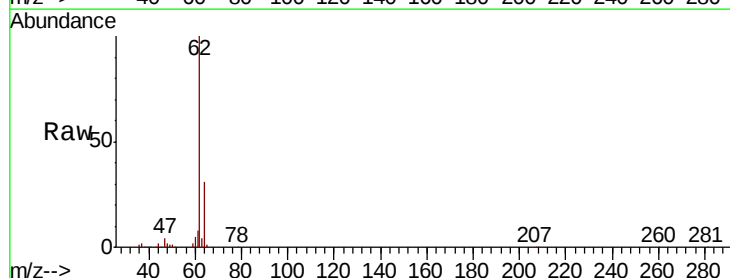
Acq: 02 Jun 2020 10:26

Tgt Ion: 62 Resp: 139099

Ion Ratio Lower Upper

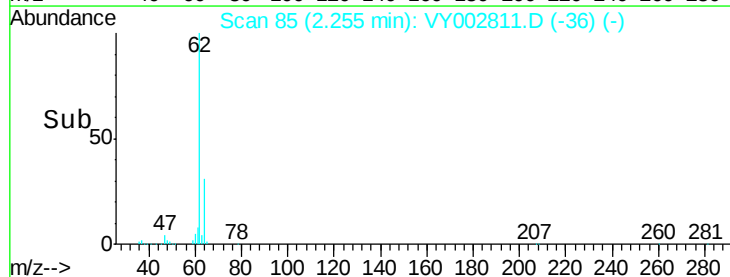
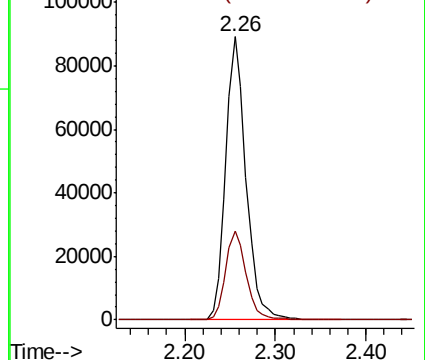
62 100

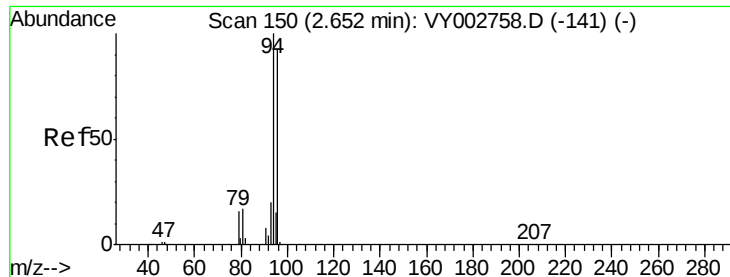
64 31.2 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.672 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

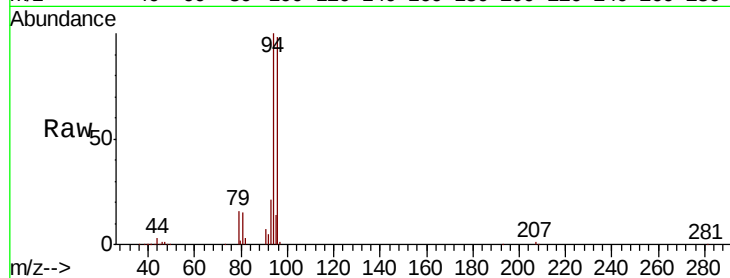
VSTDCCC050

Tot Ion: 94 Resp: 94946

Ion Ratio Lower Upper

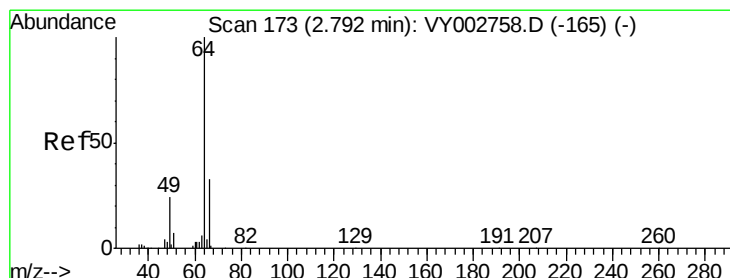
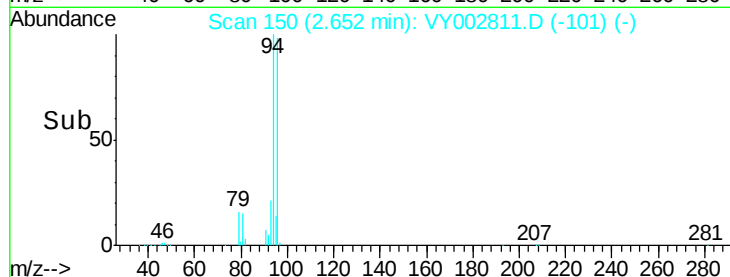
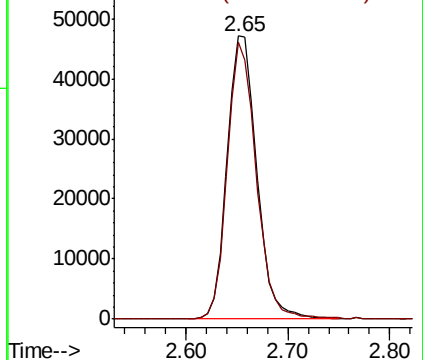
94 100

96 98.1 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.013 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002811.D

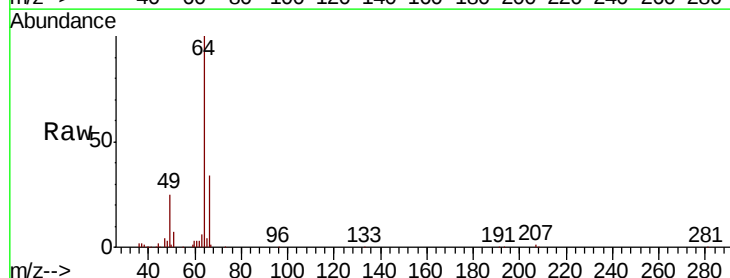
Acq: 02 Jun 2020 10:26

Tgt Ion: 64 Resp: 86437

Ion Ratio Lower Upper

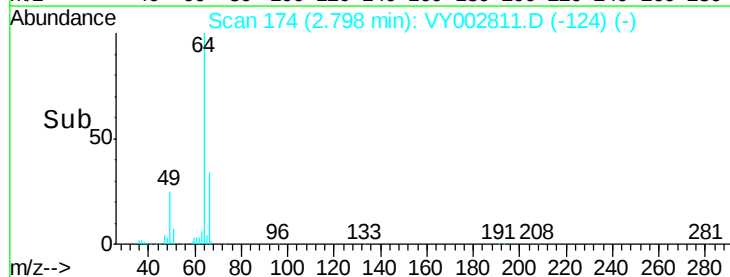
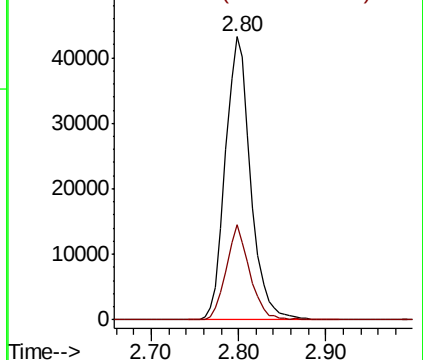
64 100

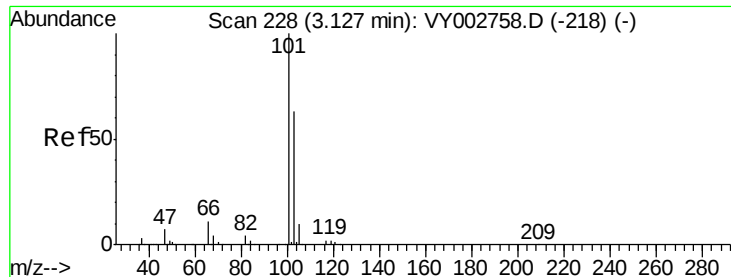
66 33.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



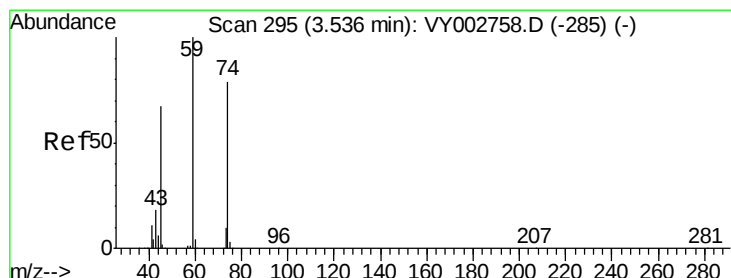
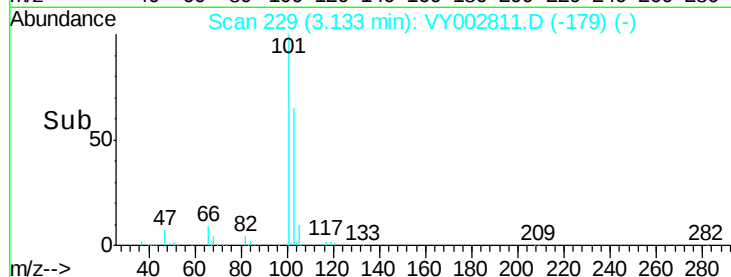
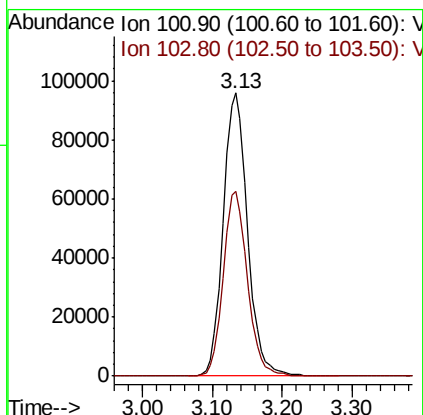
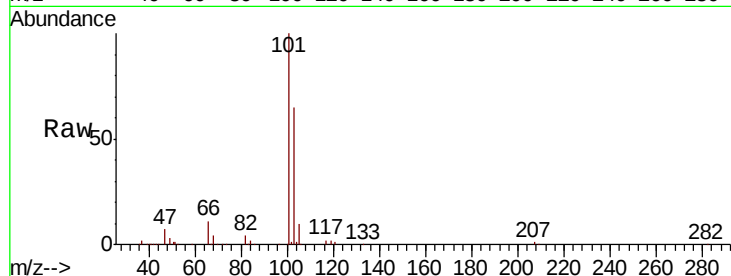


#7

Trichlorofluoromethane
Concen: 46.004 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

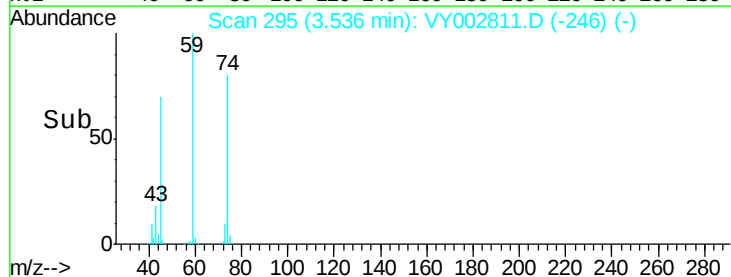
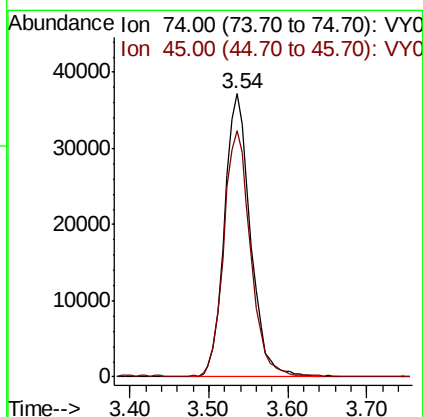
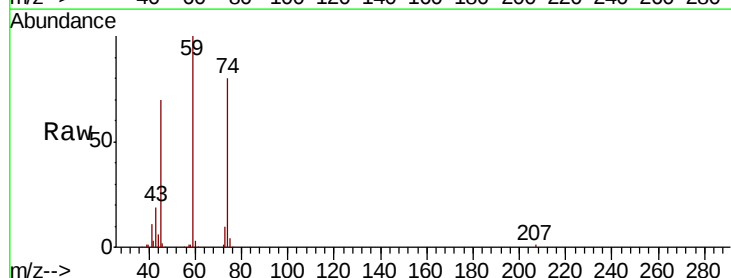
Tot Ion:101 Resp: 231083
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0

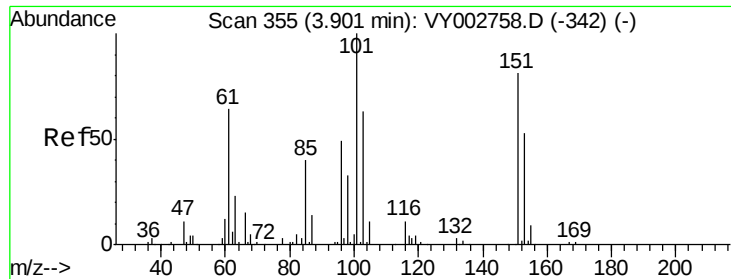


#8

Diethyl Ether
Concen: 43.576 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 74 Resp: 85469
Ion Ratio Lower Upper
74 100
45 90.1 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.834 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

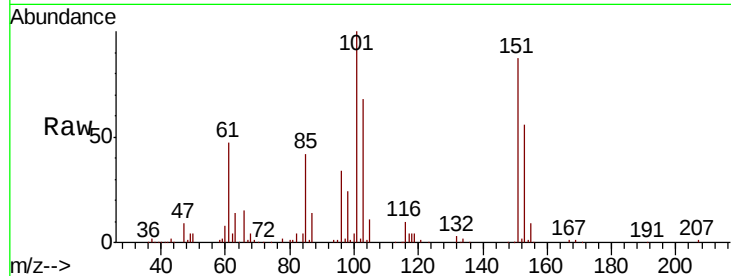
Tot Ion:101 Resp: 142661

Ion Ratio Lower Upper

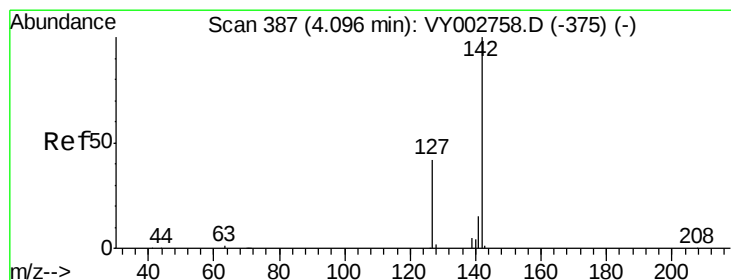
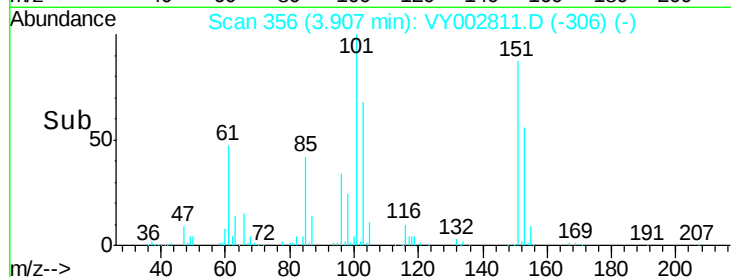
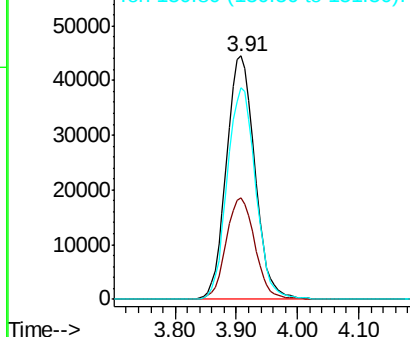
101 100

85 42.1 32.7 49.1

151 86.8 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.113 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

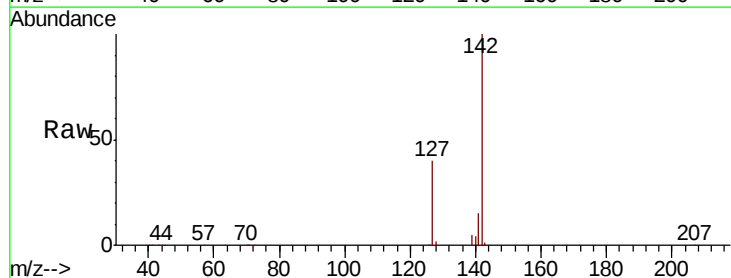
Tgt Ion:142 Resp: 200785

Ion Ratio Lower Upper

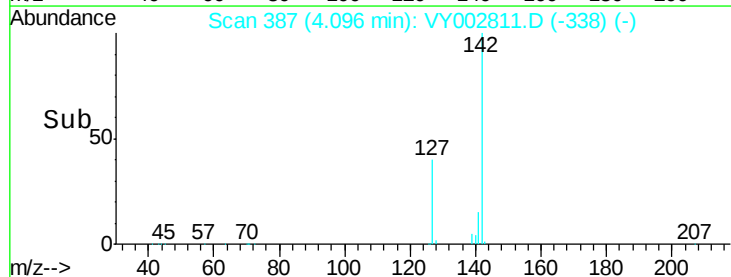
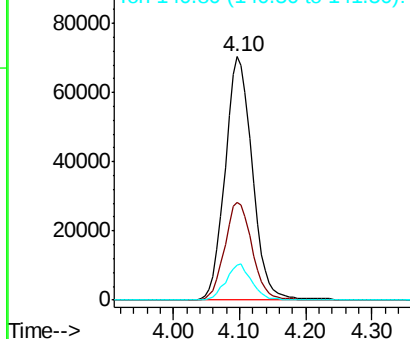
142 100

127 40.4 33.3 49.9

141 14.1 11.5 17.3



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



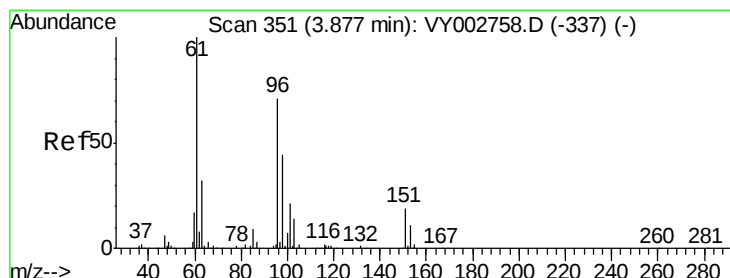
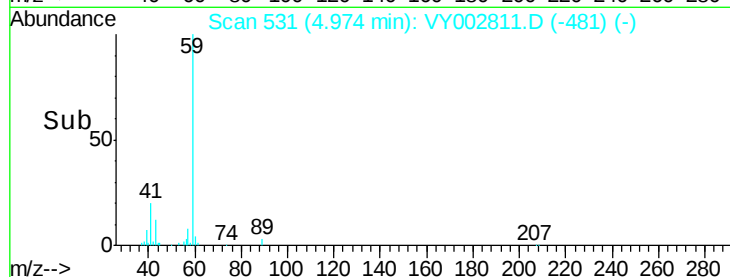
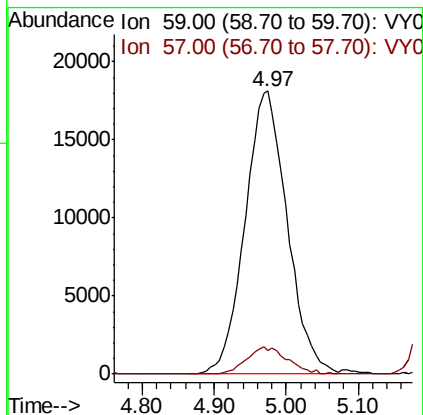
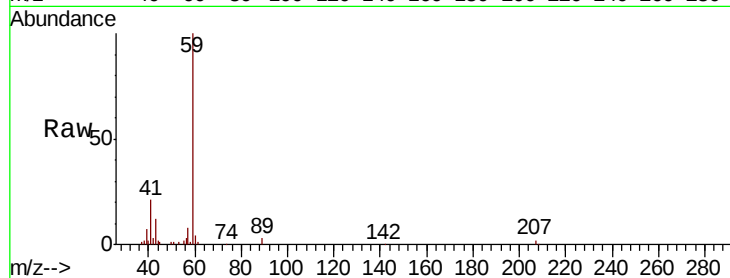


#11

Tert butyl alcohol
 Concen: 222.455 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

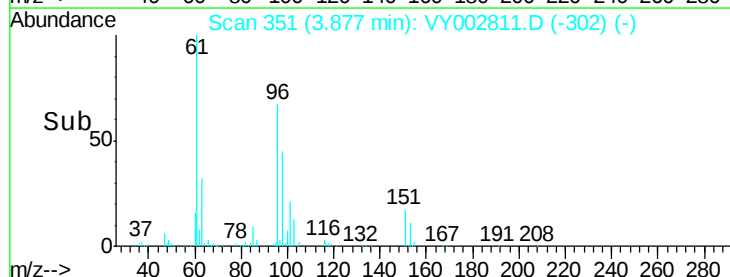
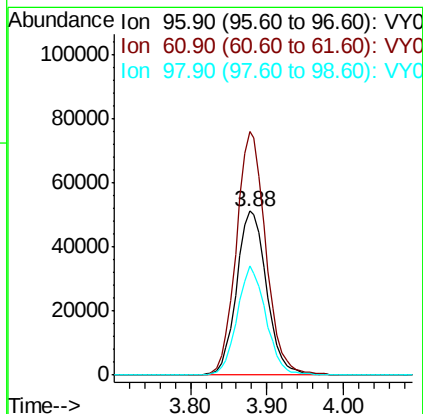
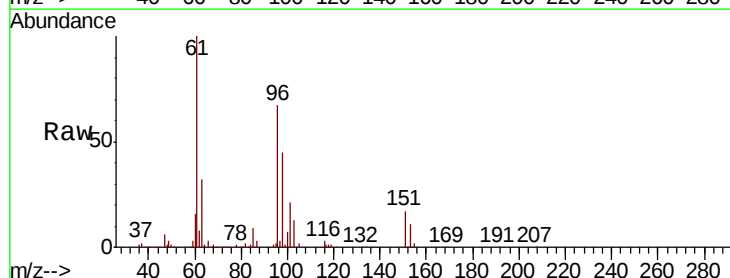
Tot Ion: 59 Resp: 73655
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.7 11.5

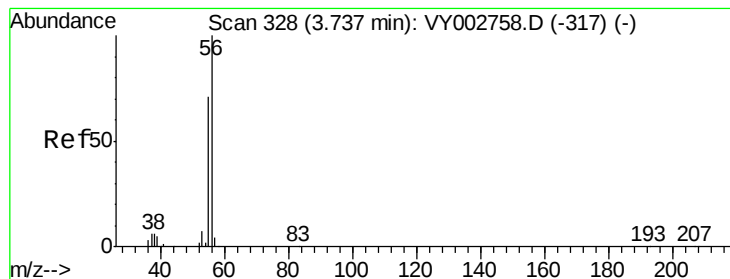


#12

1,1-Dichloroethene
 Concen: 46.520 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 96 Resp: 139530
 Ion Ratio Lower Upper
 96 100
 61 148.3 112.6 168.8
 98 66.3 50.0 75.0





#13

Acrolein

Concen: 257.979 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

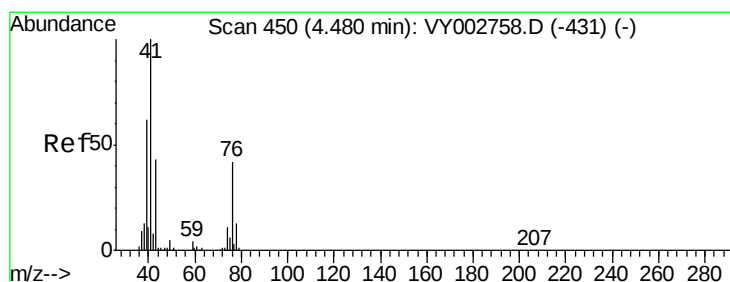
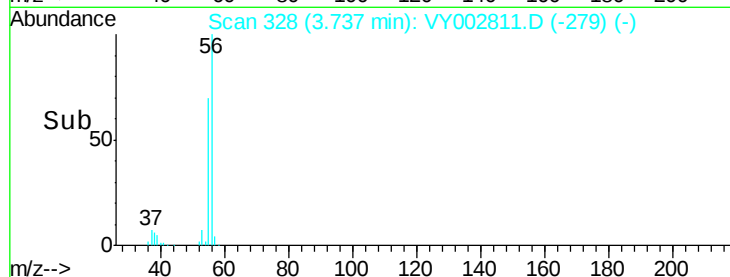
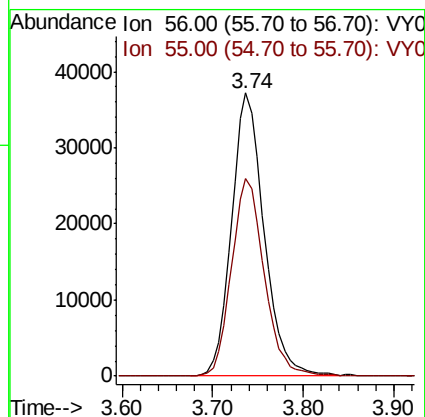
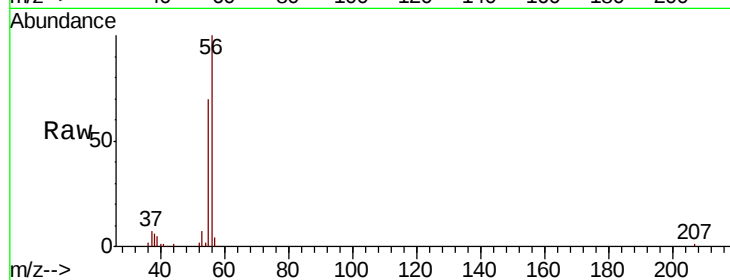
VSTDCCC050

Tot Ion: 56 Resp: 92548

Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0



#14

Allyl chloride

Concen: 48.559 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

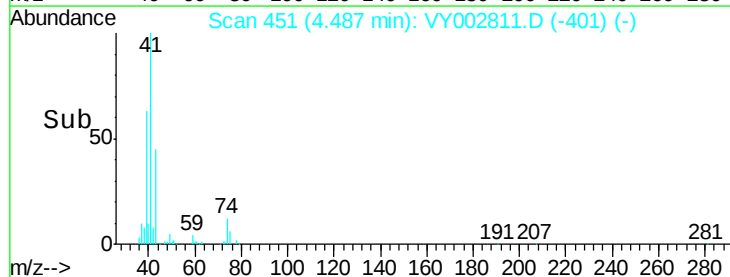
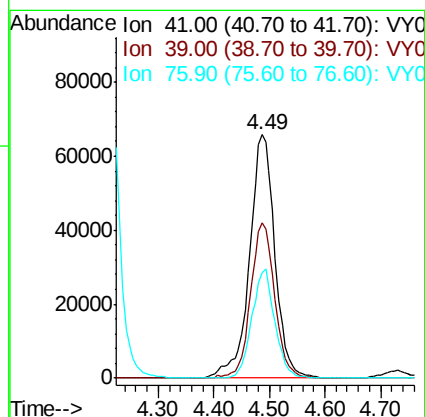
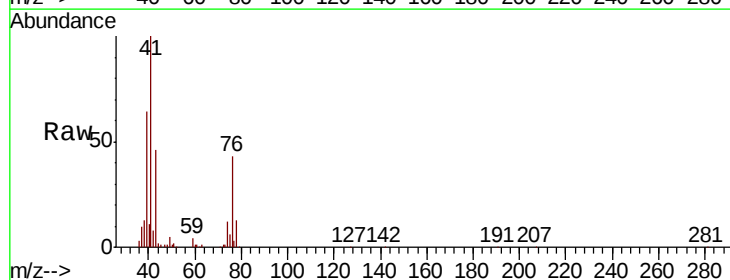
Tgt Ion: 41 Resp: 208886

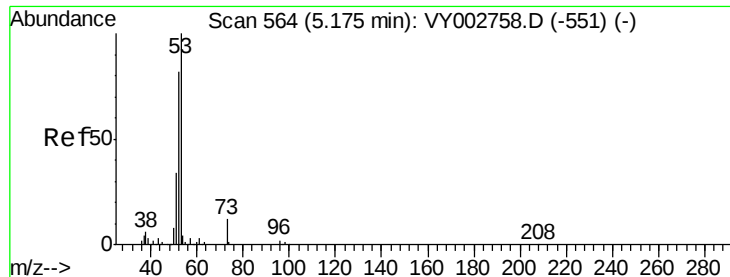
Ion Ratio Lower Upper

41 100

39 60.9 49.9 74.9

76 40.8 33.2 49.8





#15

Acrylonitrile

Concen: 239.755 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

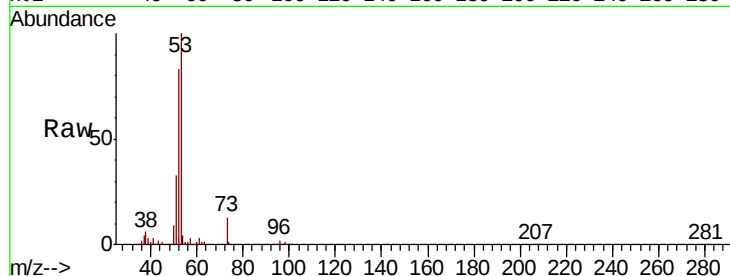
Tot Ion: 53 Resp: 212147

Ion Ratio Lower Upper

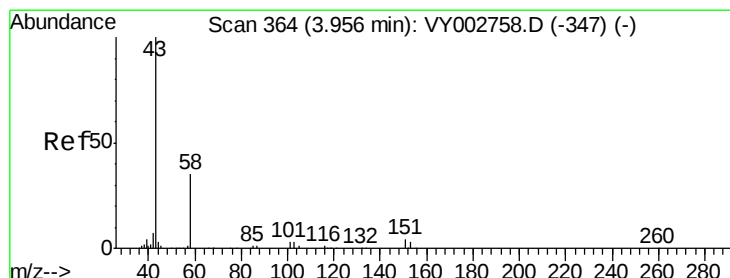
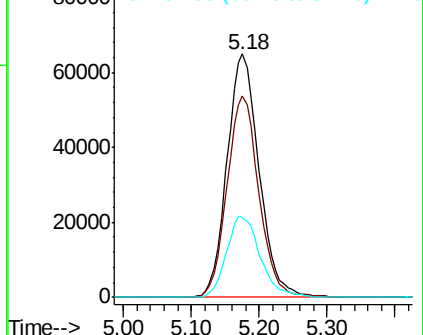
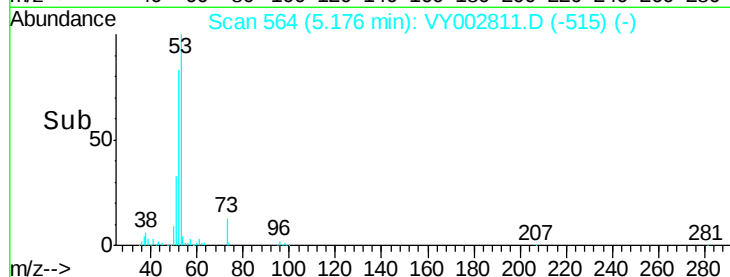
53 100

52 82.5 65.3 97.9

51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002811.D (-515) (-)



#16

Acetone

Concen: 271.863 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002811.D

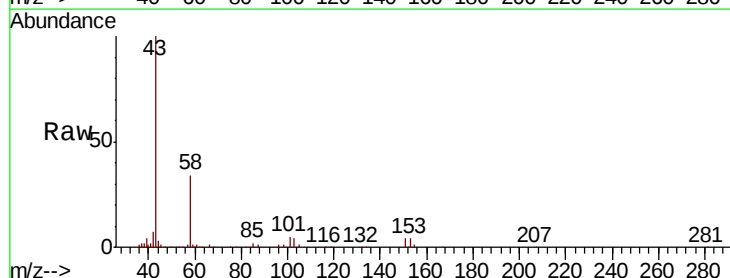
Acq: 02 Jun 2020 10:26

Tgt Ion: 43 Resp: 195149

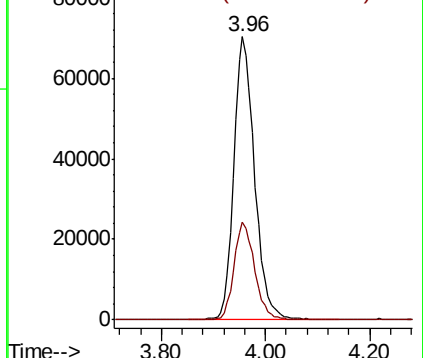
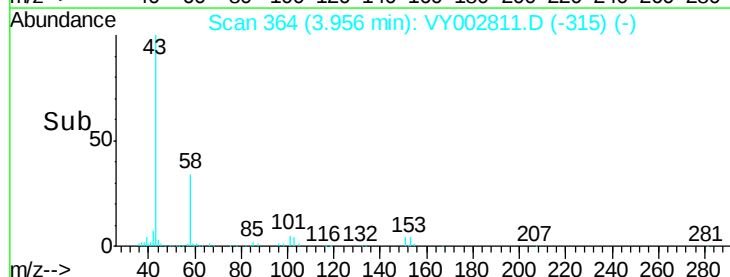
Ion Ratio Lower Upper

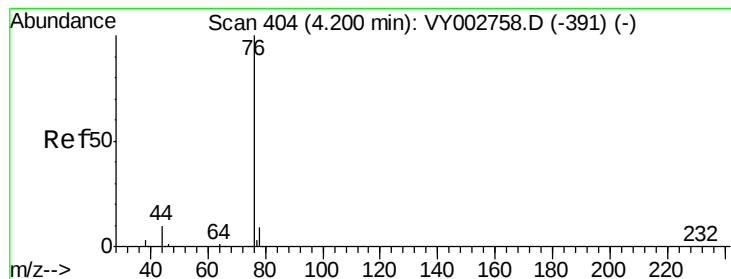
43 100

58 34.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002811.D (-315) (-)





#17

Carbon Disulfide

Concen: 45.276 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

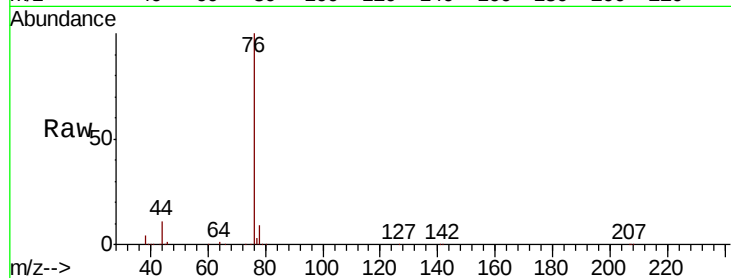
VSTDCCC050

Tot Ion: 76 Resp: 410358

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002811.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002811.D (-355) (-)

4.20

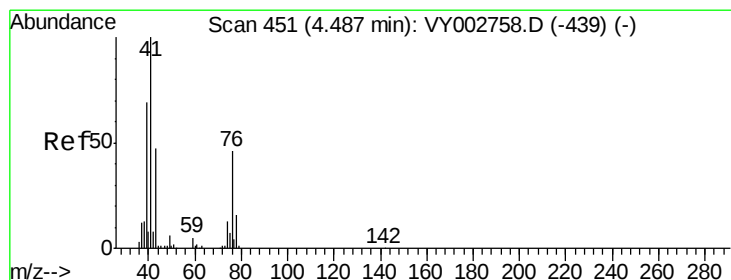
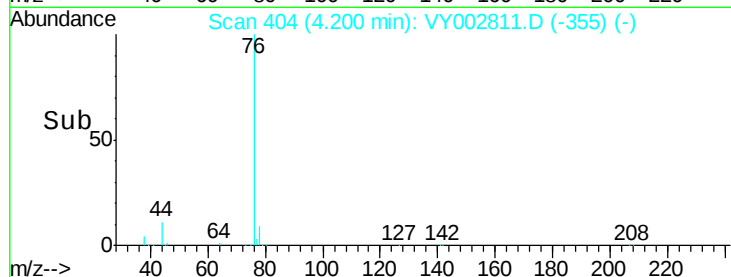
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.930 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002811.D

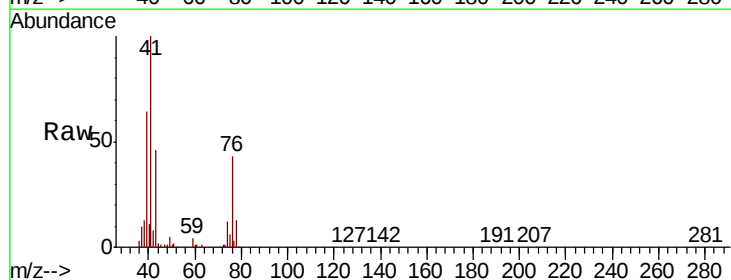
Acq: 02 Jun 2020 10:26

Tgt Ion: 43 Resp: 88169

Ion Ratio Lower Upper

43 100

74 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.30): VY002811.D (-402) (-)

Ion 74.00 (73.70 to 74.30): VY002811.D (-402) (-)

4.49

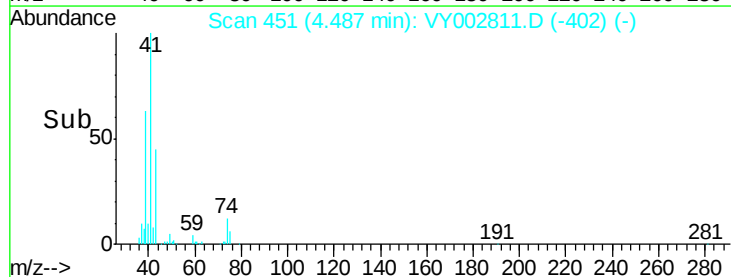
30000

20000

10000

0

Time-->

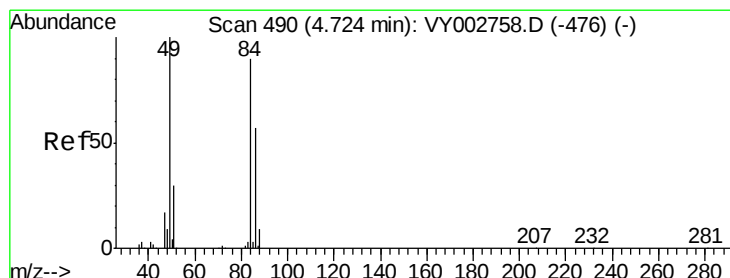
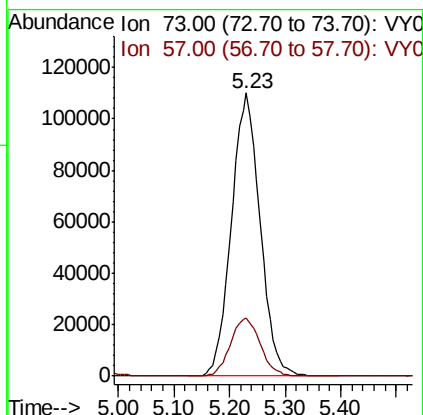
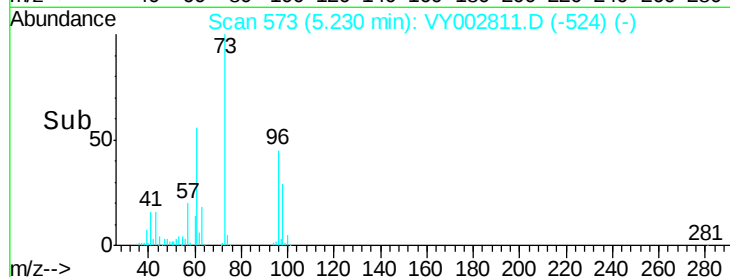
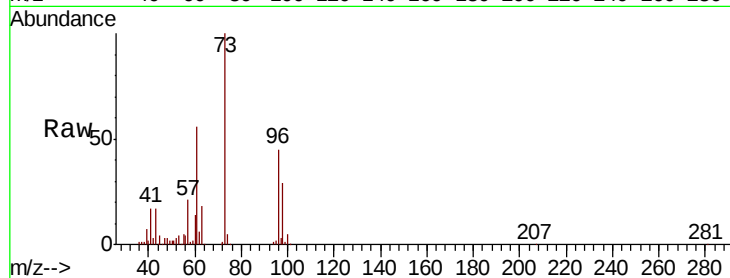




#19
Methvl tert-butvl Ether
Concen: 47.479 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

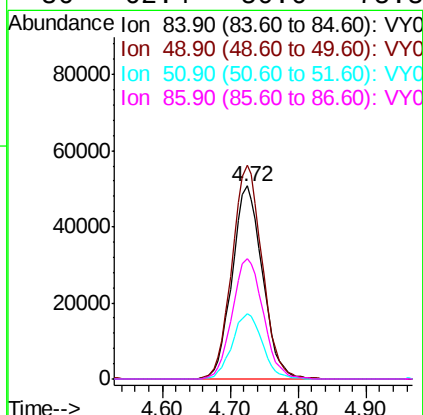
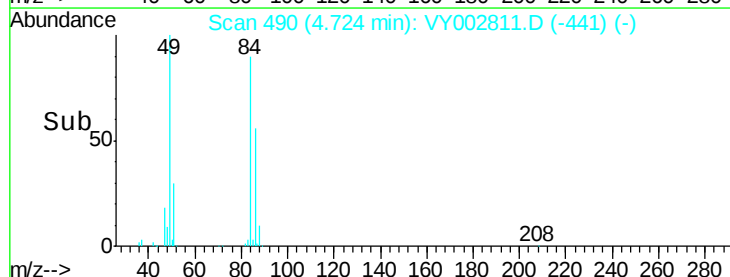
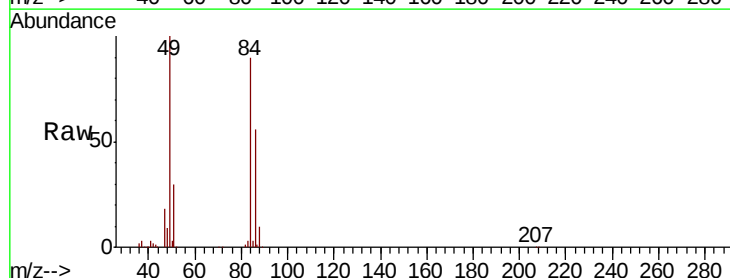
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 393130
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4



#20
Methylene Chloride
Concen: 44.813 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 84 Resp: 157203
Ion Ratio Lower Upper
84 100
49 110.8 88.5 132.7
51 33.6 26.8 40.2
86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.180 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

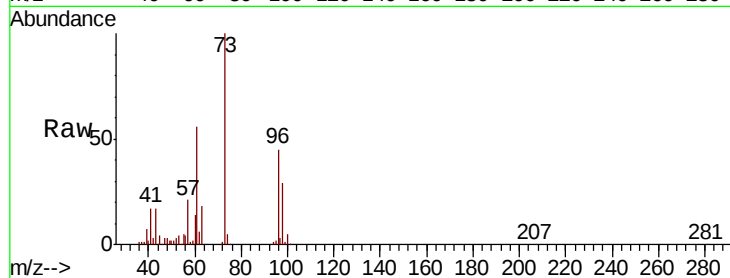
Tot Ion: 96 Resp: 155768

Ion Ratio Lower Upper

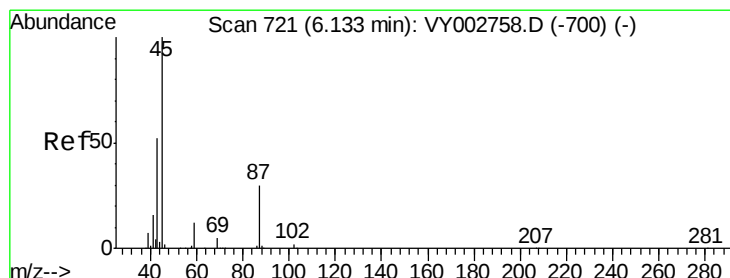
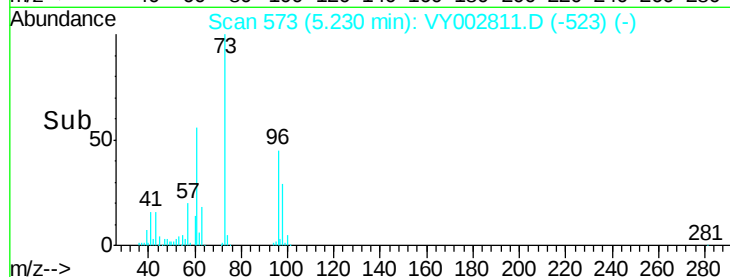
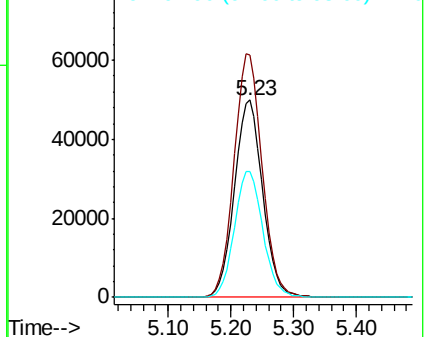
96 100

61 123.0 96.8 145.2

98 64.1 49.4 74.0



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: 48.161 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion: 45 Resp: 430521

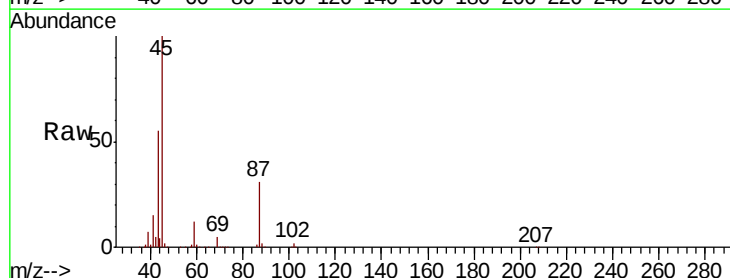
Ion Ratio Lower Upper

45 100

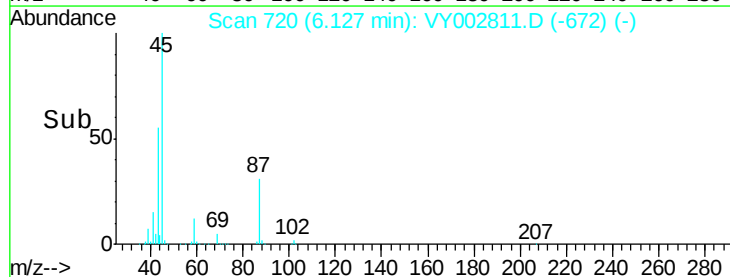
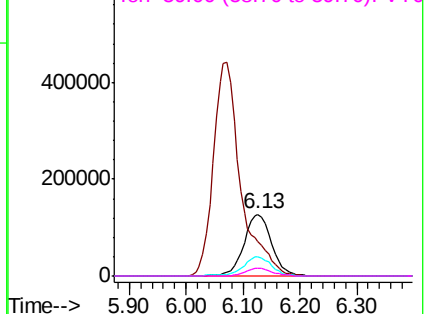
43 55.0 41.7 62.5

87 31.5 24.2 36.2

59 11.7 9.8 14.8



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





#23

Vinyl Acetate

Concen: 249.094 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

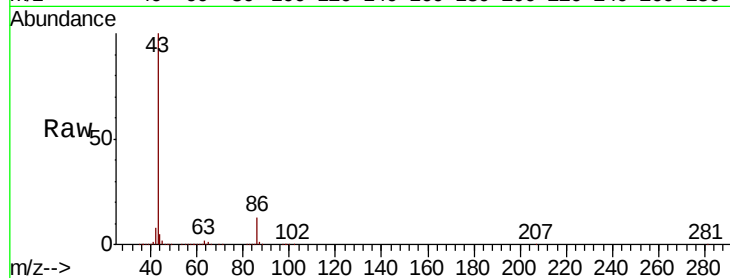
VSTDCCC050

Tot Ion: 43 Resp: 1470122

Ion Ratio Lower Upper

43 100

86 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

500000

400000

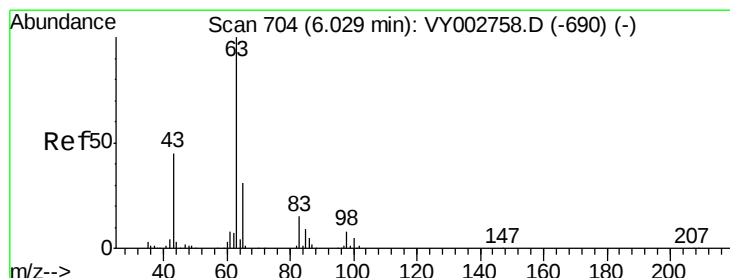
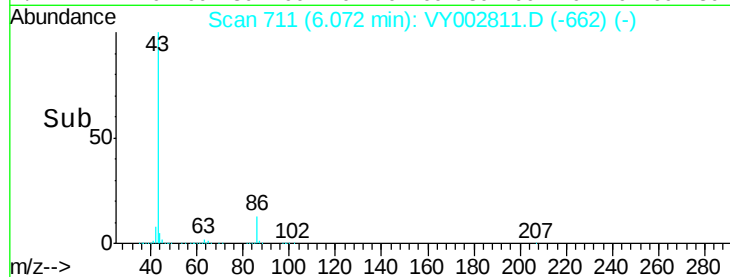
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 47.929 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

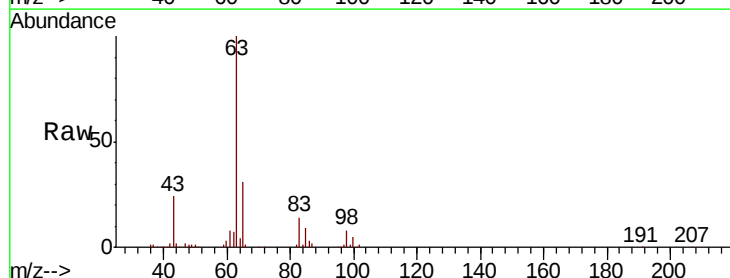
Tgt Ion: 63 Resp: 250630

Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

100 5.1 2.4 7.1



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

100000

80000

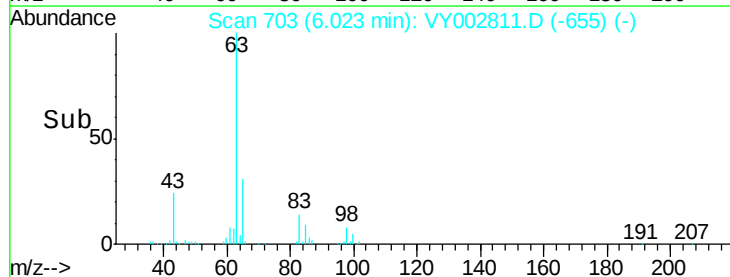
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20

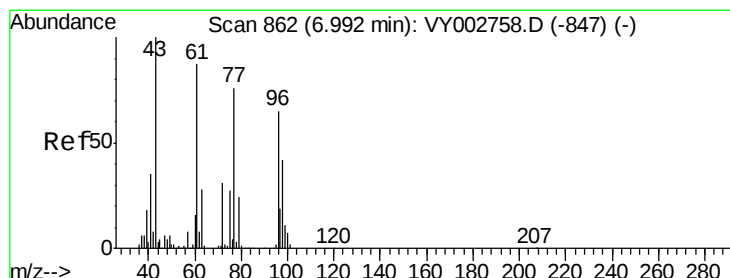
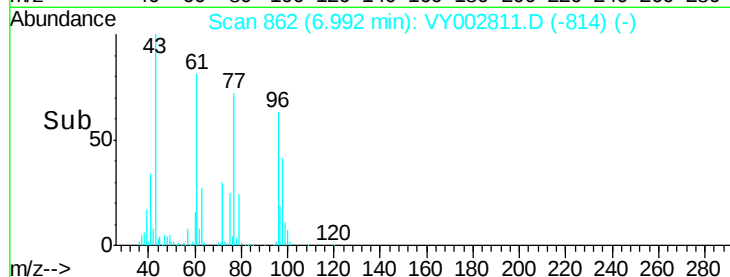
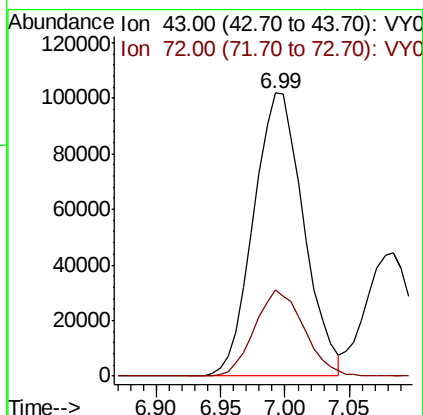
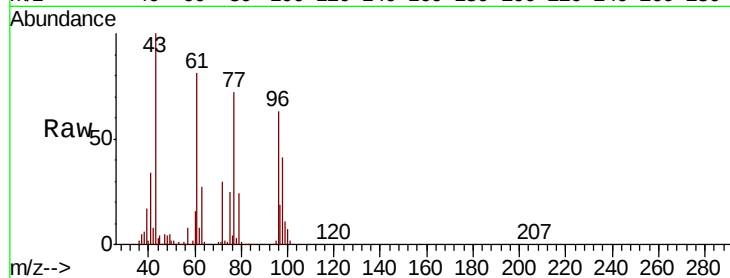




#25
2-Butanone
Concen: 246.340 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

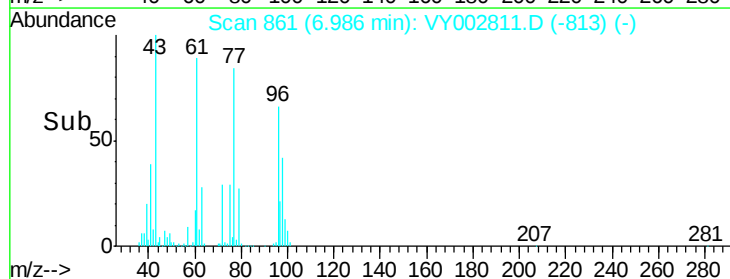
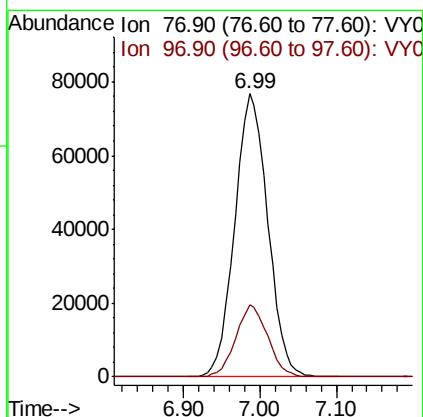
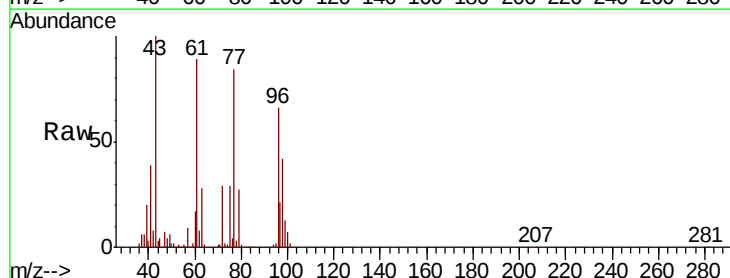
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 275498
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 45.810 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 77 Resp: 229743
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



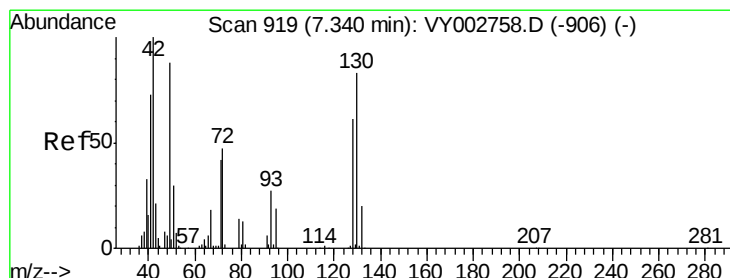
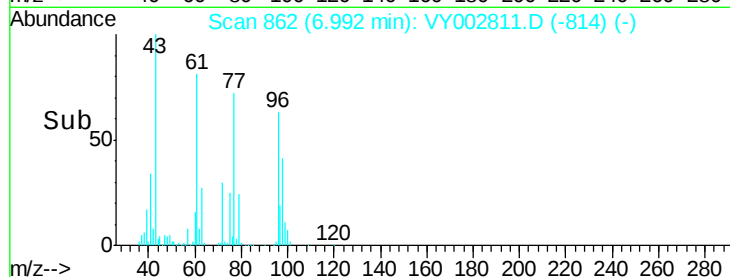
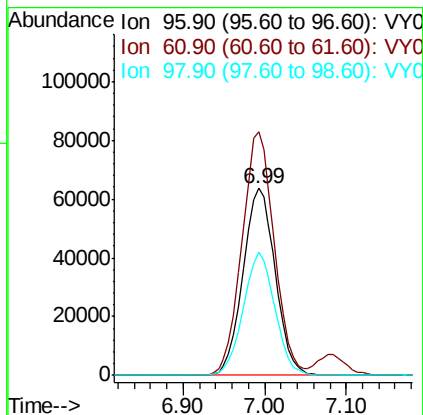
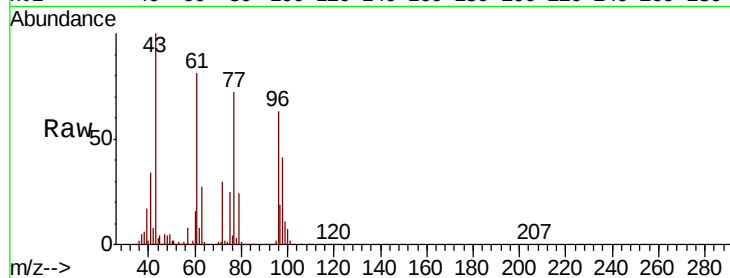


#27

cis-1,2-Dichloroethene
 Concen: 46.396 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

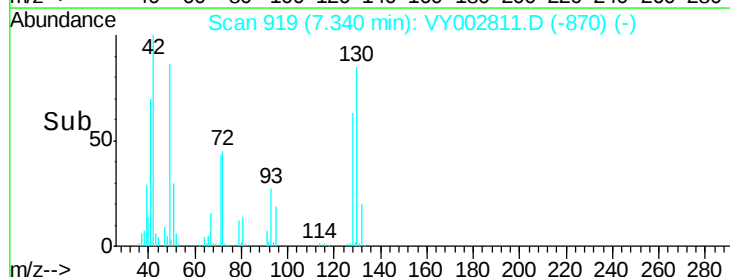
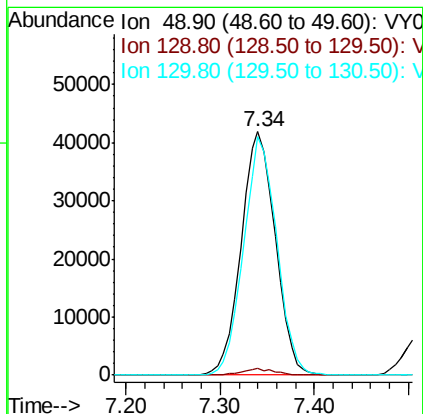
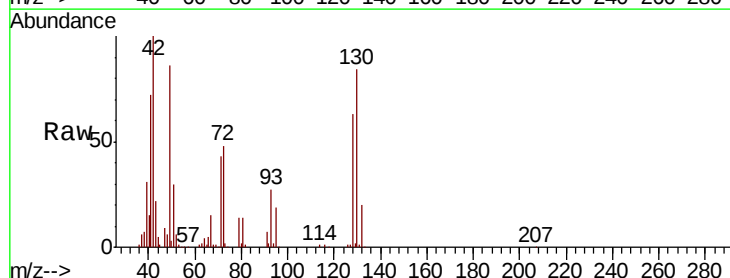
Tot Ion: 96 Resp: 175191
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 260.2
 98 64.3 0.0 128.2

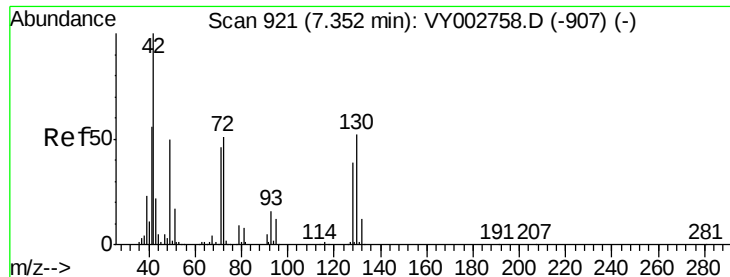


#28

Bromochloromethane
 Concen: 49.214 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 49 Resp: 105646
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 95.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 239.681 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

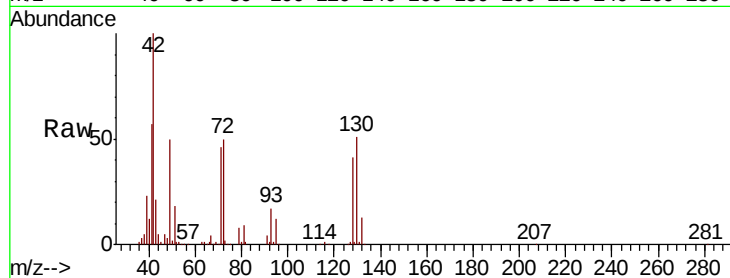
Tot Ion: 42 Resp: 174357

Ion Ratio Lower Upper

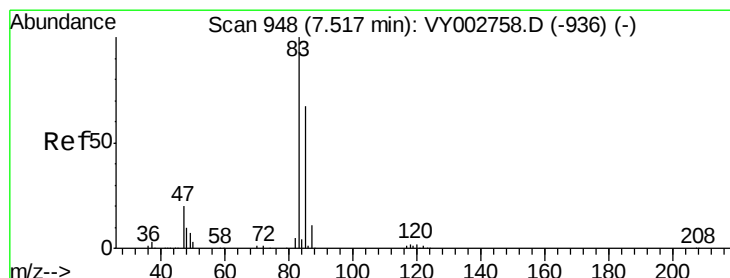
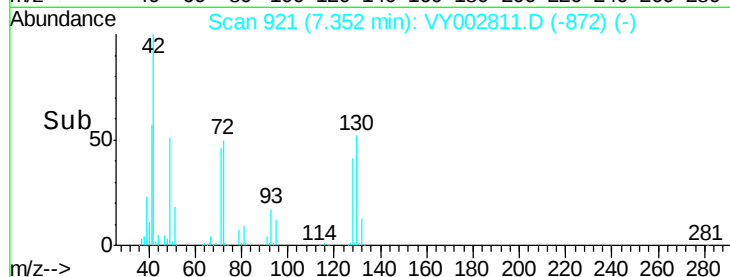
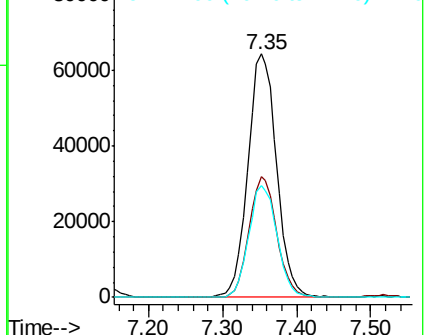
42 100

72 47.9 38.6 58.0

71 45.2 35.8 53.8



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: 47.090 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002811.D

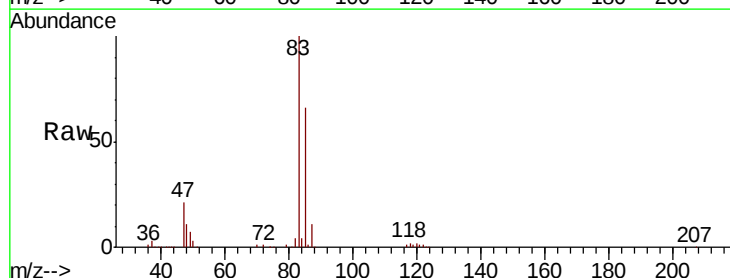
Acq: 02 Jun 2020 10:26

Tgt Ion: 83 Resp: 261298

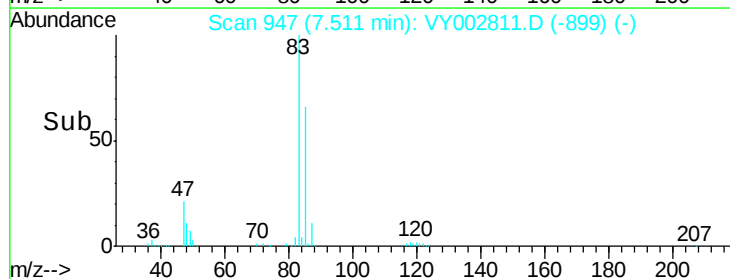
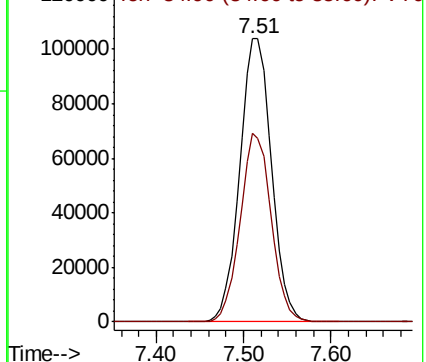
Ion Ratio Lower Upper

83 100

85 66.4 53.8 80.8



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





#31

Cyclohexane

Concen: 44.744 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

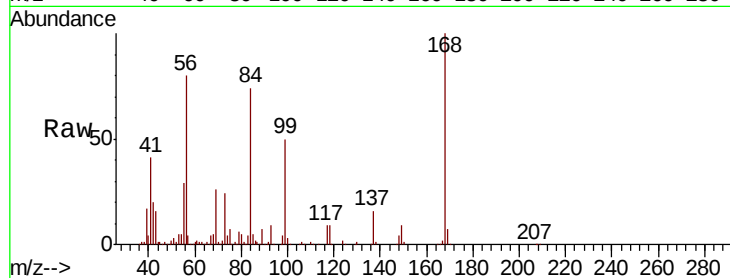
Tot Ion: 56 Resp: 232303

Ion Ratio Lower Upper

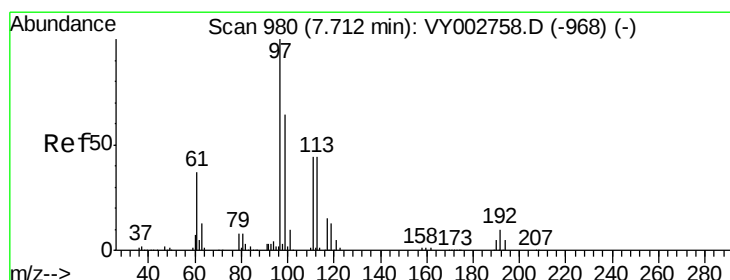
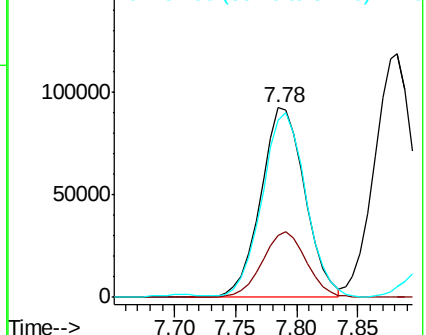
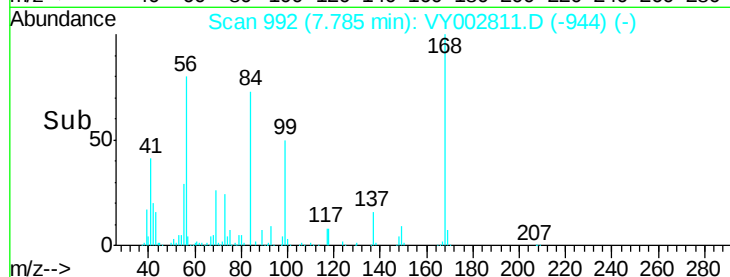
56 100

69 32.8 28.0 42.0

84 92.1 77.7 116.5



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



#32

1,1,1-Trichloroethane

Concen: 45.925 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

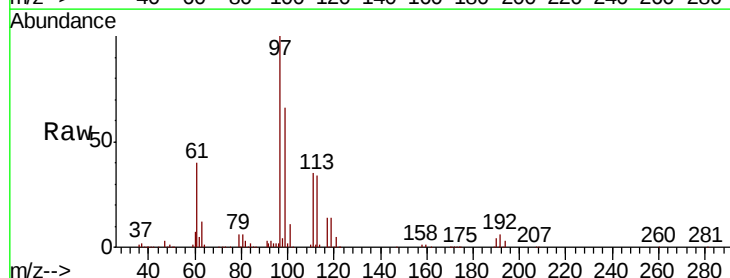
Tgt Ion: 97 Resp: 237470

Ion Ratio Lower Upper

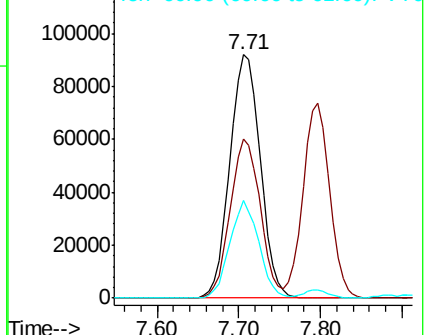
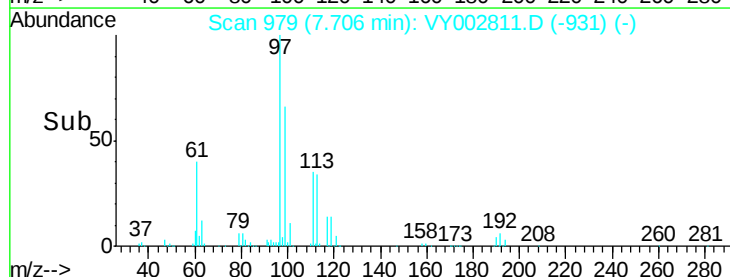
97 100

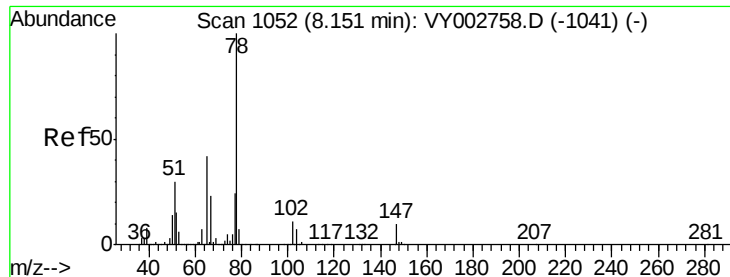
99 64.4 51.4 77.0

61 37.9 30.1 45.1



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

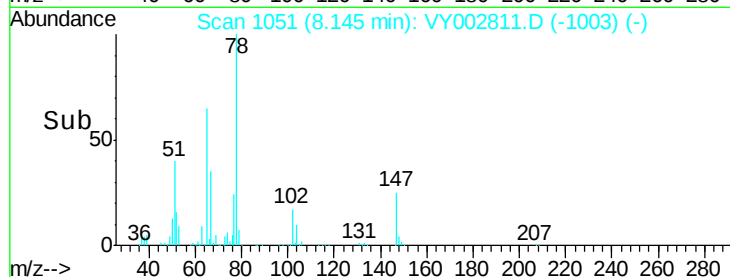
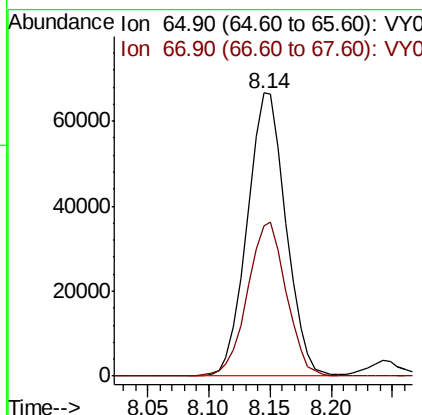
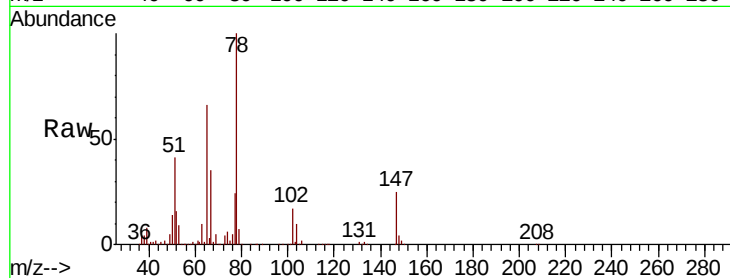




#33
 1,2-Dichloroethane-d4
 Concen: 47.948 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

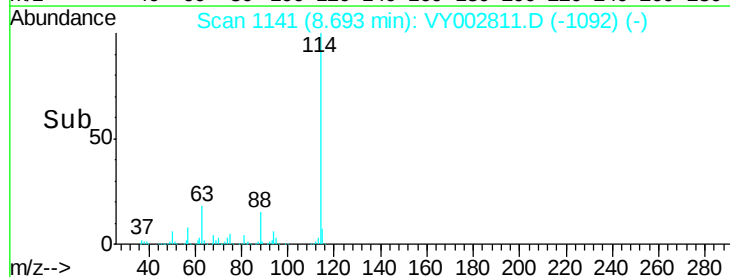
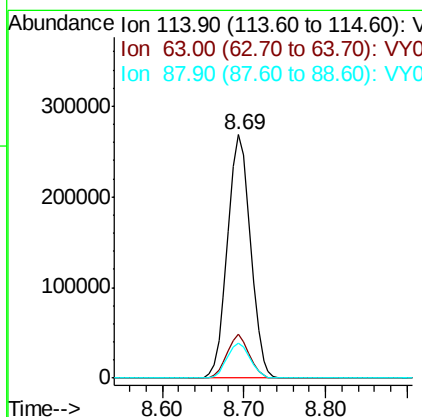
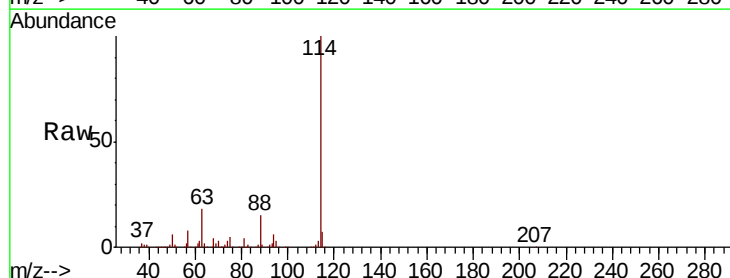
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 146781
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 114 Resp: 520473
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.6 0.0 29.2

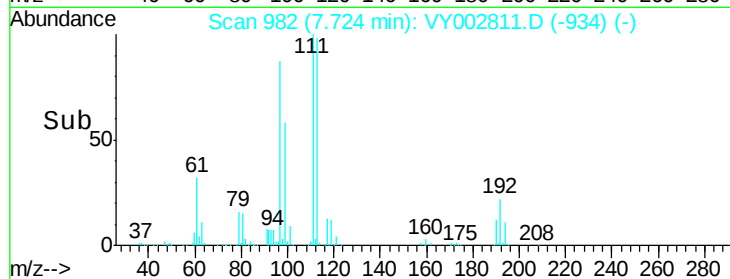
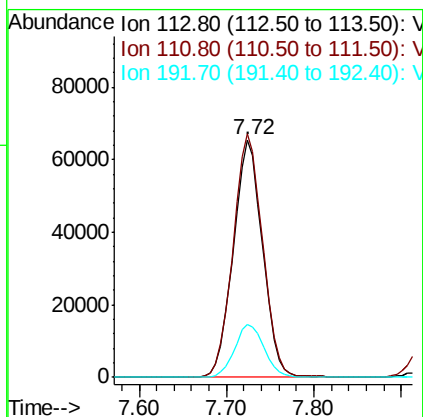
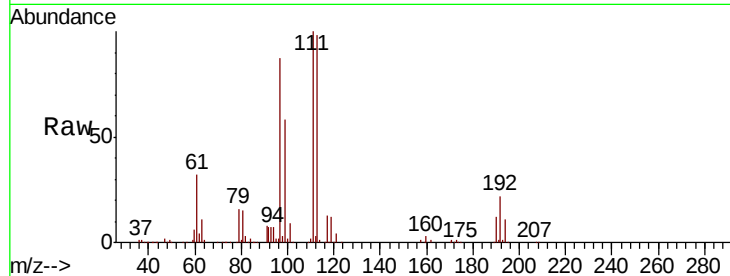




#35
 Dibromofluoromethane
 Concen: 49.822 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

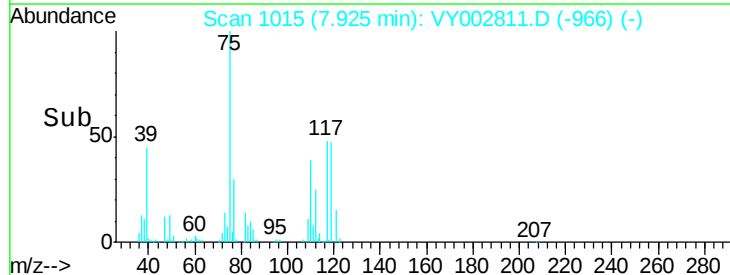
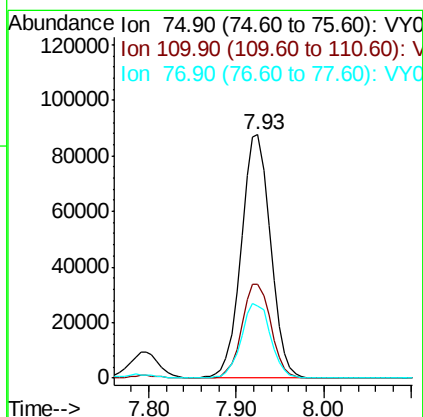
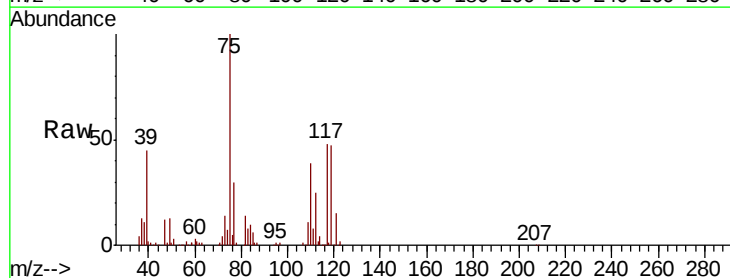
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

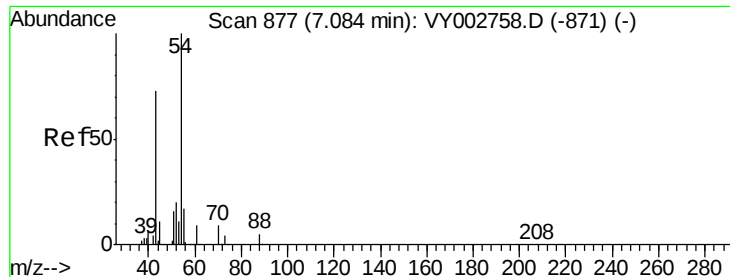
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	22.6	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 46.566 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.3	57.9
77	30.9	24.8	37.2

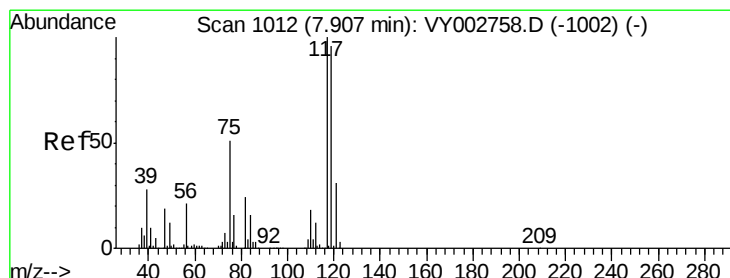
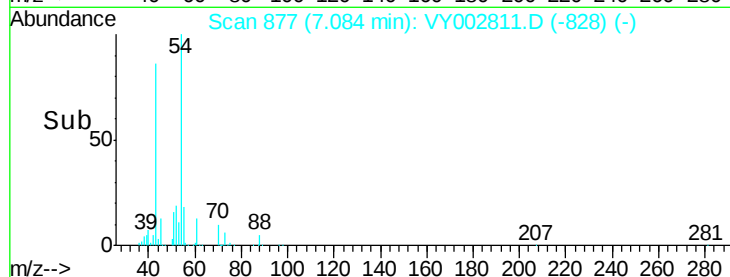
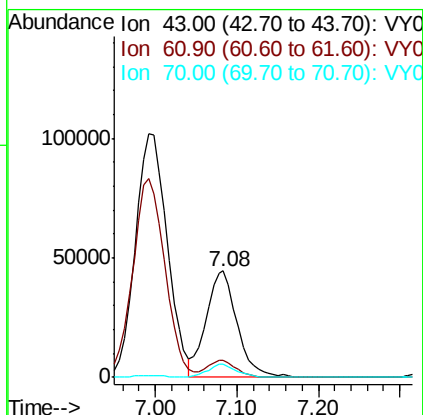
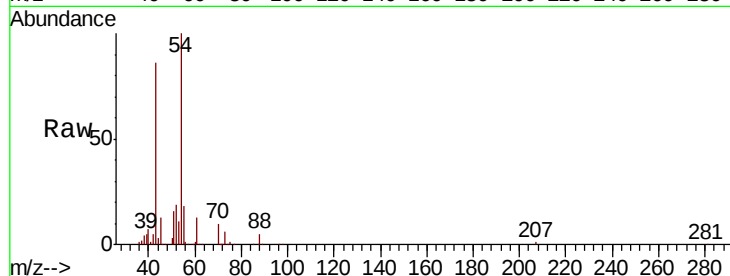




#37
Ethyl Acetate
Concen: 49.501 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

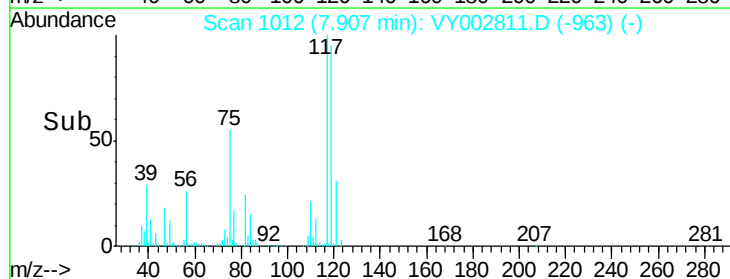
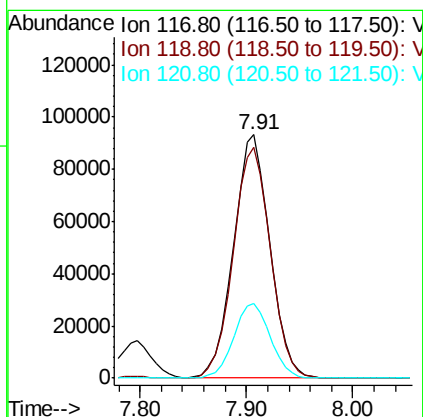
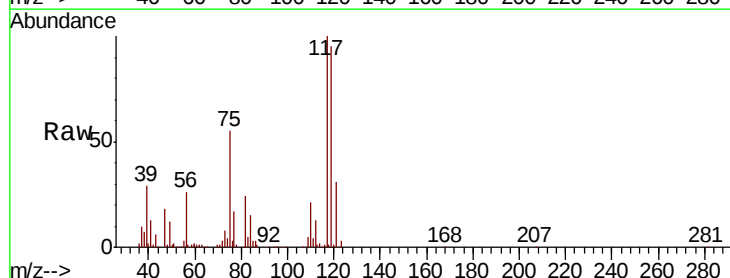
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

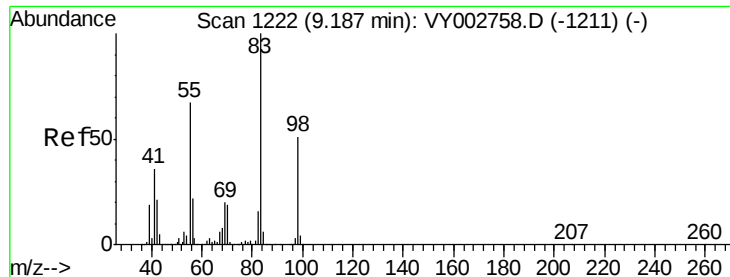
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.7	9.1	13.7



#38
Carbon Tetrachloride
Concen: 45.833 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.8	115.2
121	30.9	24.8	37.2

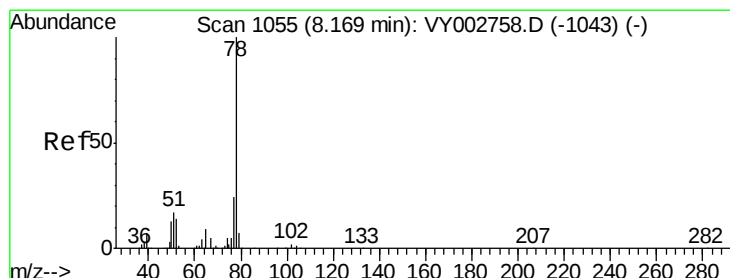
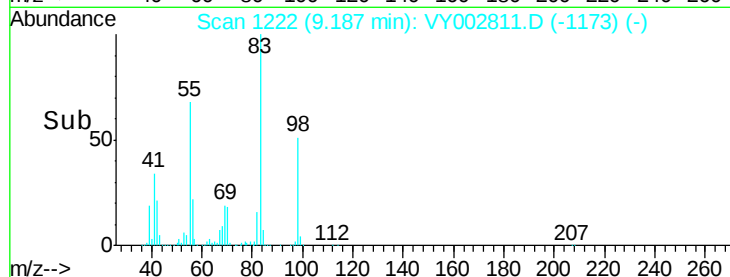
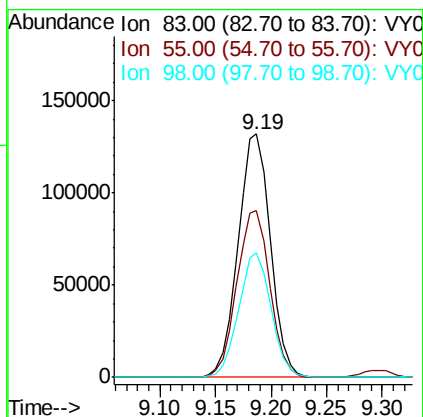
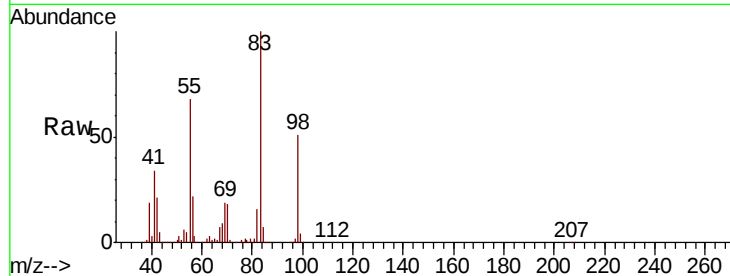




#39
Methvlcvclohexane
Concen: 46.087 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

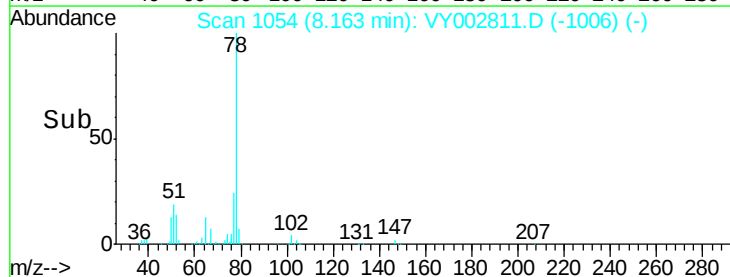
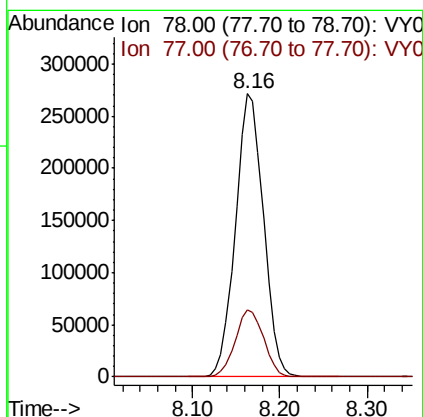
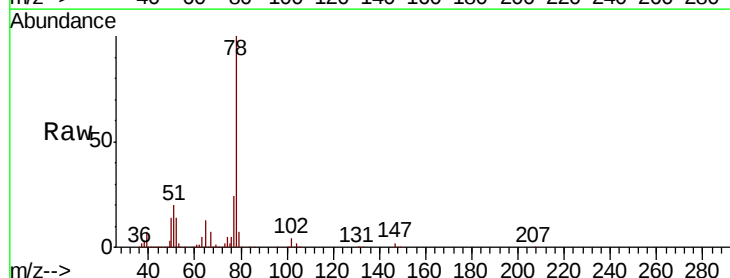
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

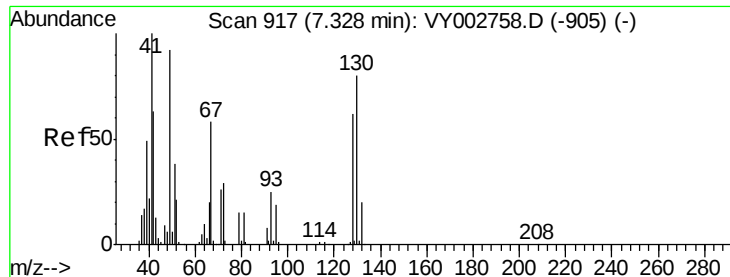
Tot Ion	83	Resp	266336
Ion Ratio	Lower	Upper	
83	100		
55	68.3	53.3	79.9
98	51.0	41.1	61.7



#40
Benzene
Concen: 46.611 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	78	Resp	603836
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.8	28.2

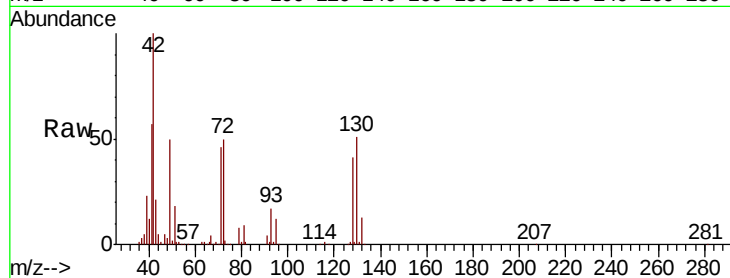




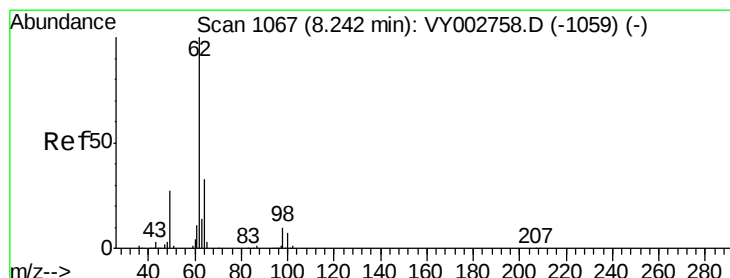
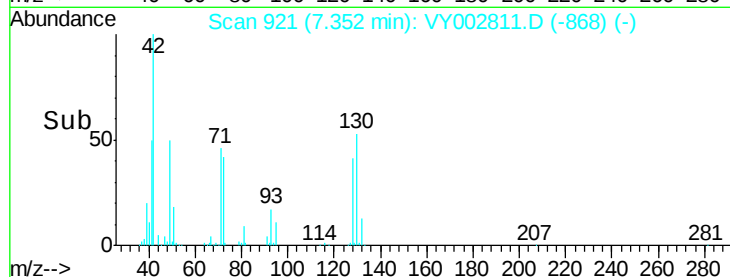
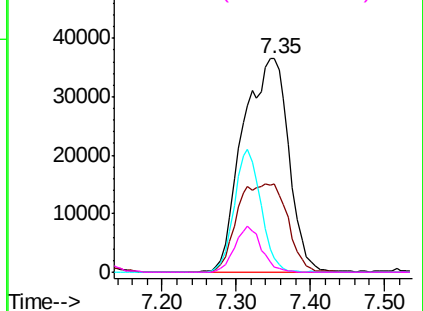
#41
Methacrylonitrile
Concen: 123.059 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 157701
Ion Ratio Lower Upper
41 100
39 45.0 97.6 146.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

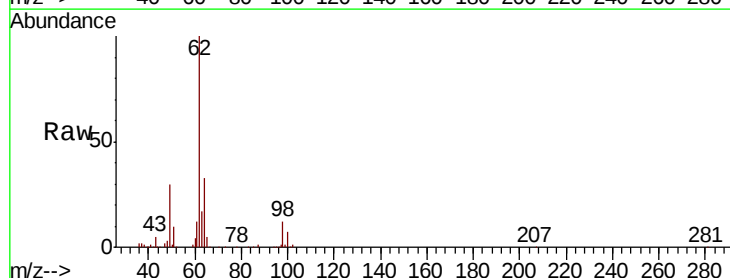


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

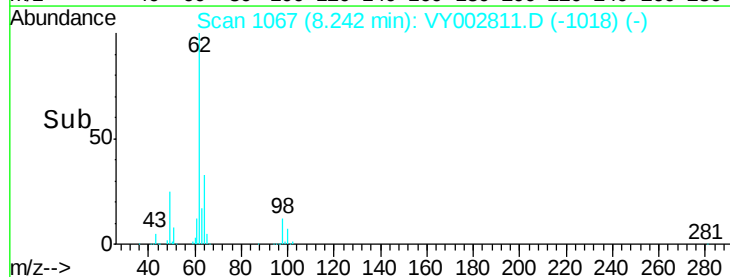
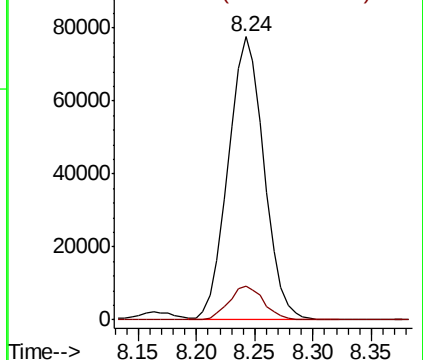


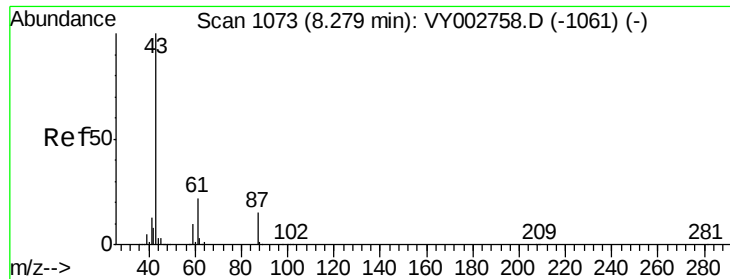
#42
1,2-Dichloroethane
Concen: 45.756 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 62 Resp: 166124
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.6



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





#43

Isopropyl Acetate

Concen: 48.554 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

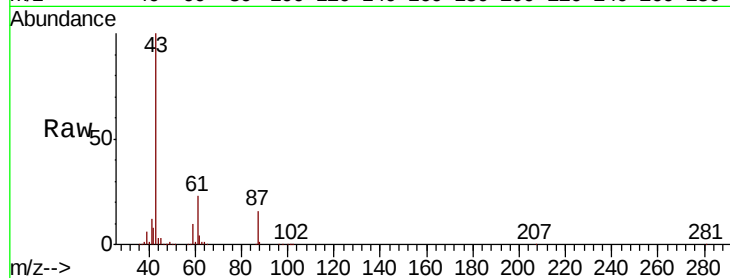
Tot Ion: 43 Resp: 219483

Ion Ratio Lower Upper

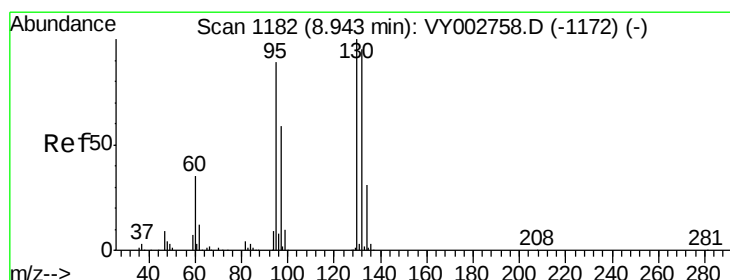
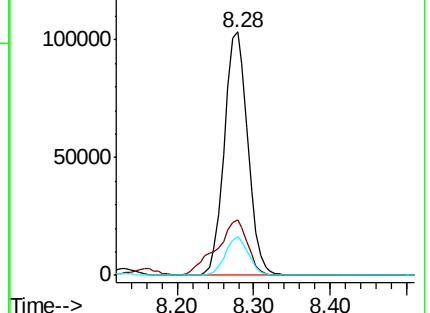
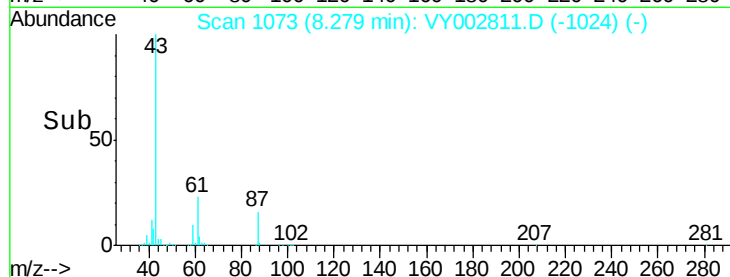
43 100

61 30.3 24.8 37.2

87 15.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002811.D (-1024) (-)



#44

Trichloroethene

Concen: 45.926 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002811.D

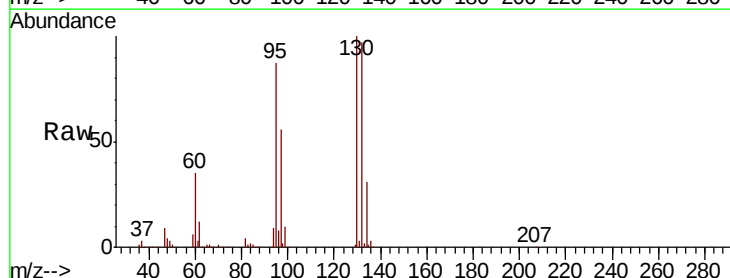
Acq: 02 Jun 2020 10:26

Tgt Ion: 130 Resp: 187933

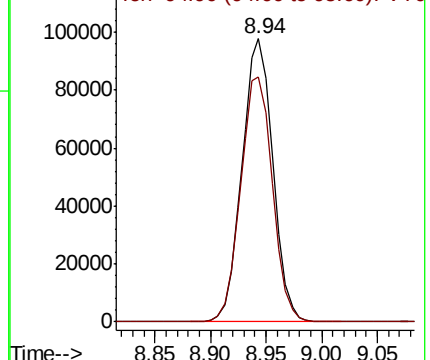
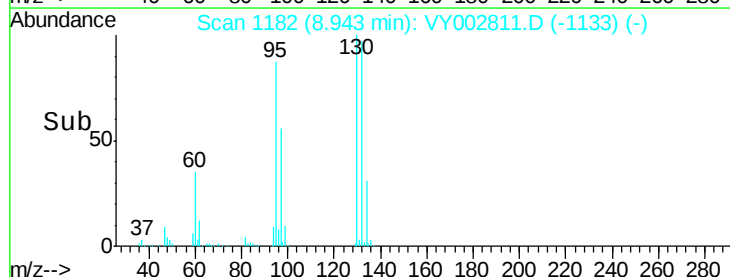
Ion Ratio Lower Upper

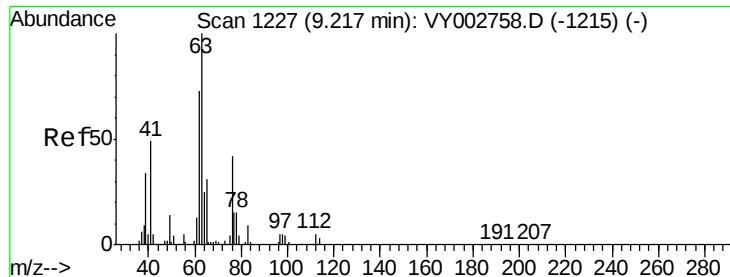
130 100

95 86.7 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002811.D (-1133) (-)

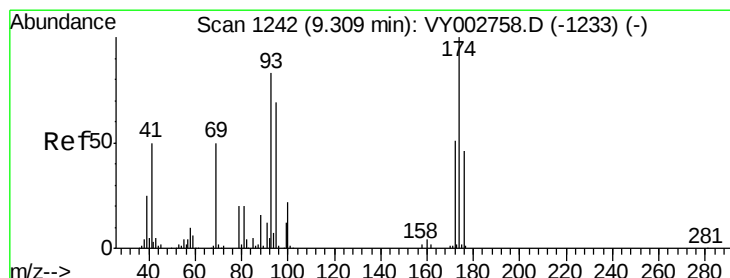
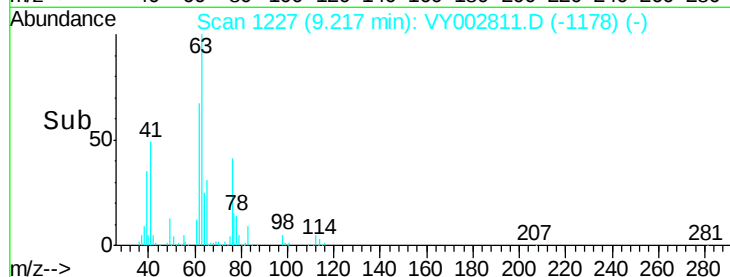
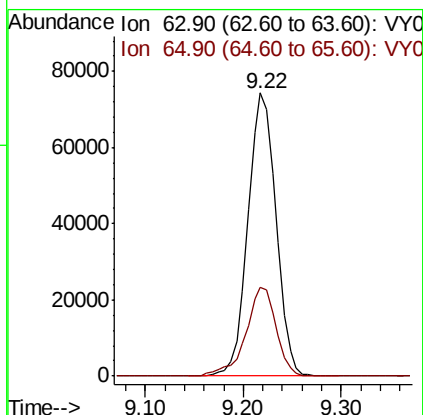
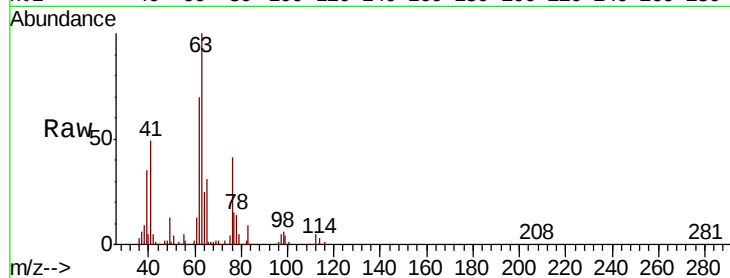




#45
 1,2-Dichloropropane
 Concen: 47.624 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

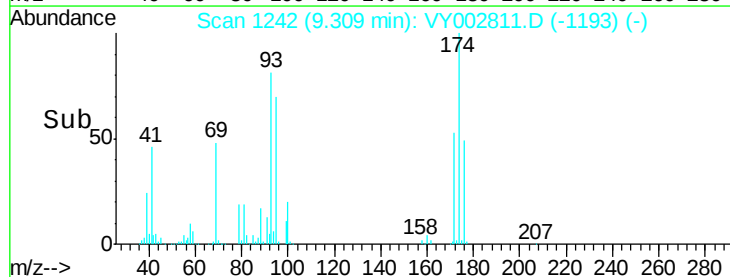
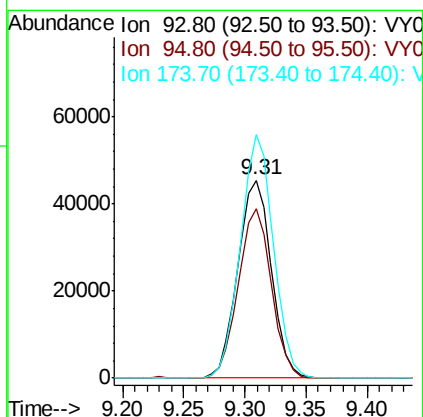
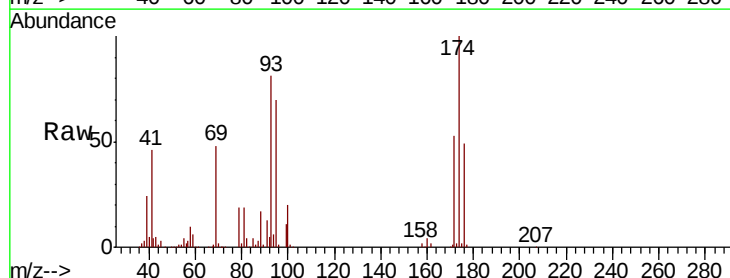
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 147954
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2



#46
 Dibromomethane
 Concen: 46.990 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 93 Resp: 86698
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.9 100.3
 174 121.1 97.7 146.5





#47

Bromodichloromethane

Concen: 47.938 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

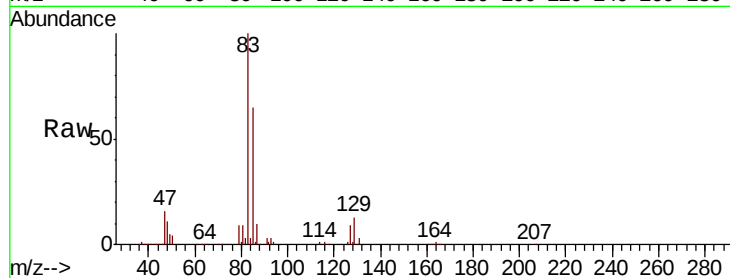
Tot Ion: 83 Resp: 208511

Ion Ratio Lower Upper

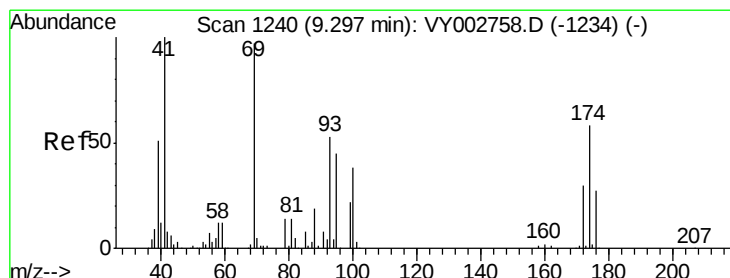
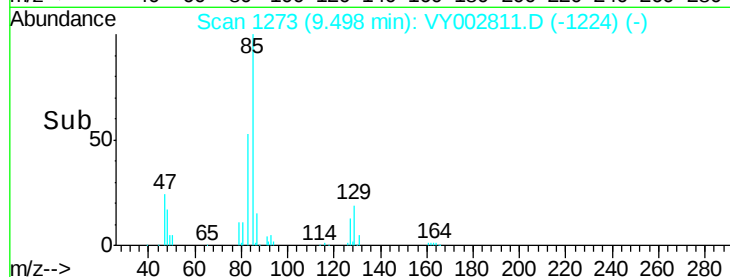
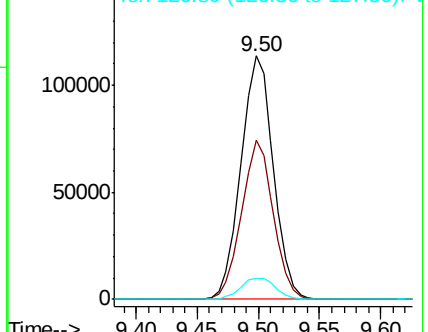
83 100

85 65.3 51.9 77.9

127 8.7 7.1 10.7



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



#48

Methyl methacrylate

Concen: 47.941 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

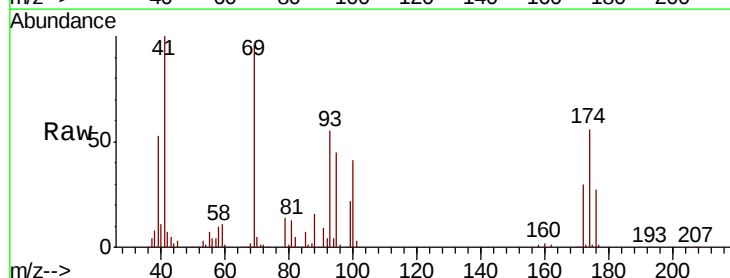
Tgt Ion: 41 Resp: 97829

Ion Ratio Lower Upper

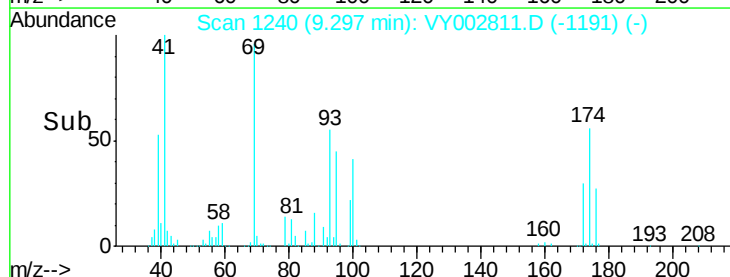
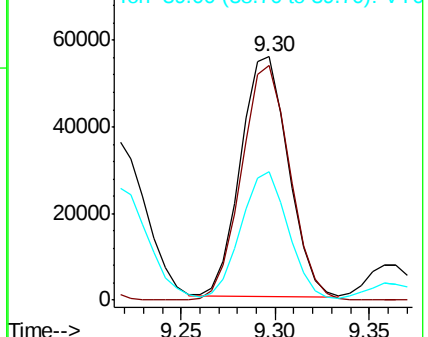
41 100

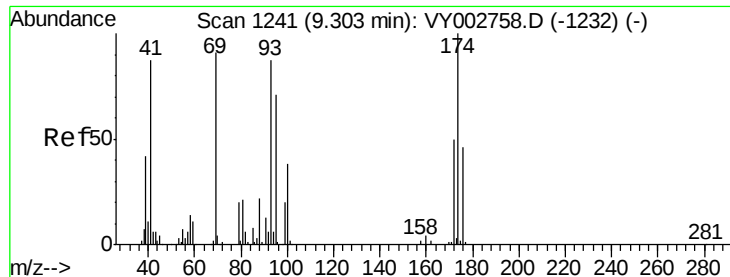
69 98.9 79.7 119.5

39 51.5 43.3 64.9



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

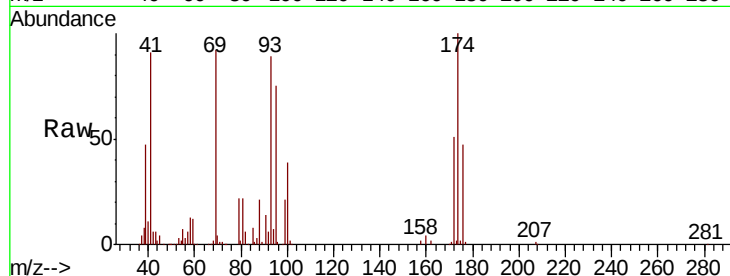




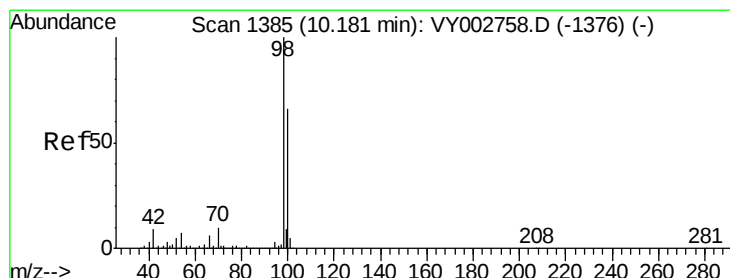
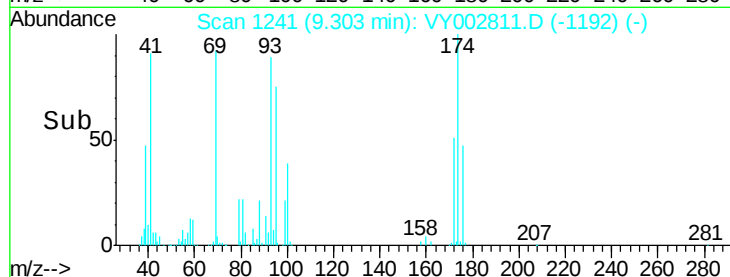
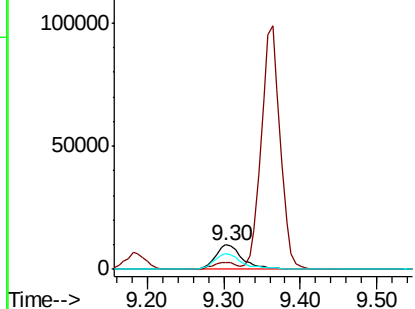
#49
1,4-Dioxane
Concen: 869.754 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 24640
Ion Ratio Lower Upper
88 100
43 24.4 21.3 31.9
58 67.7 52.2 78.2

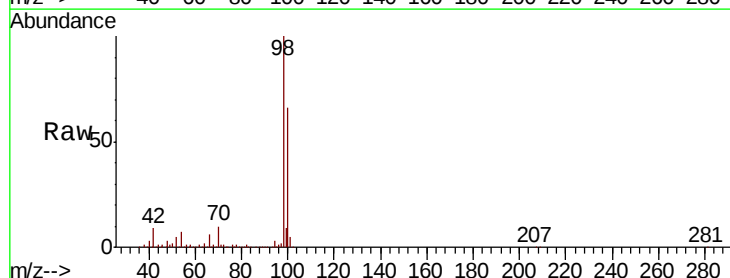


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

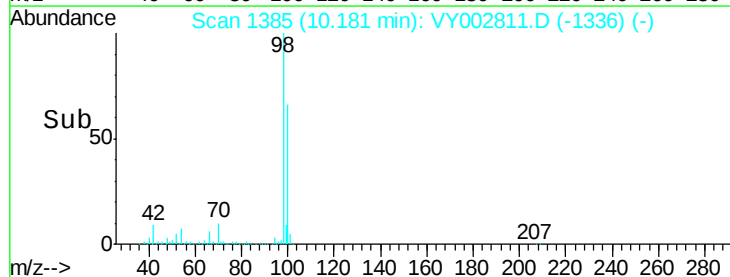
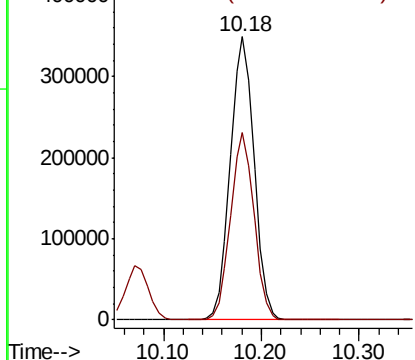


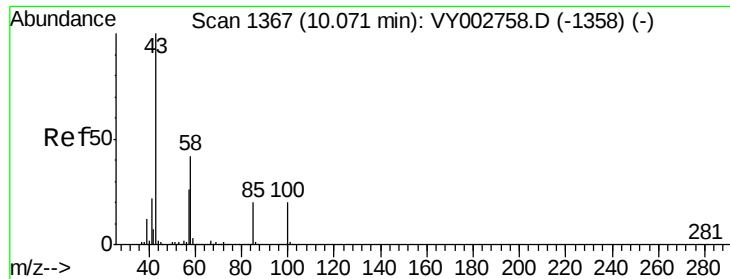
#50
Toluene-d8
Concen: 47.850 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 98 Resp: 590129
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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

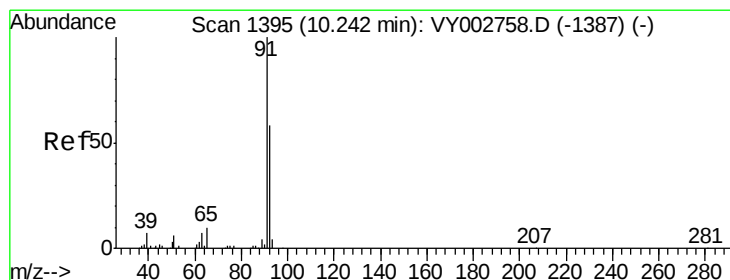
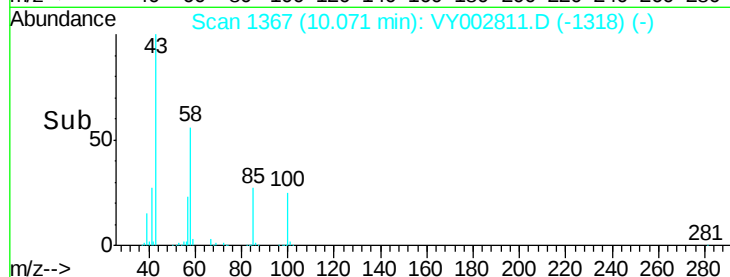
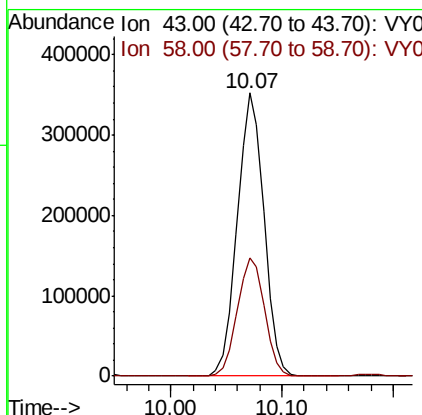
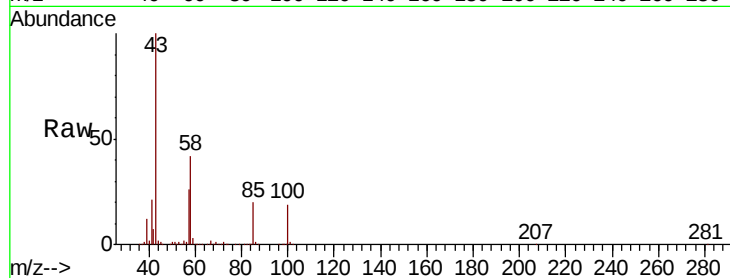




#51
 4-Methyl-2-Pentanone
 Concen: 244.070 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

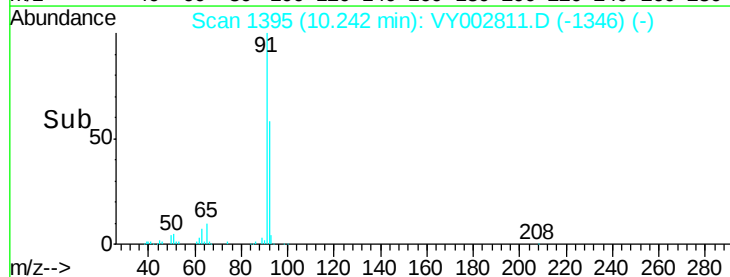
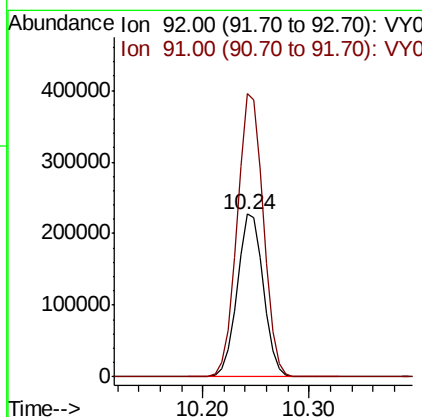
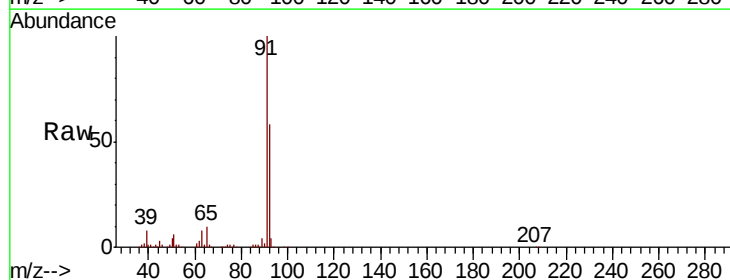
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

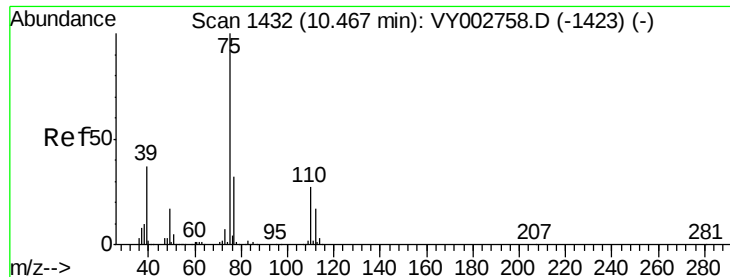
Tot Ion: 43 Resp: 584218
 Ion Ratio Lower Upper
 43 100
 58 42.4 34.2 51.2



#52
 Toluene
 Concen: 46.340 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 92 Resp: 392718
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 47.667 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

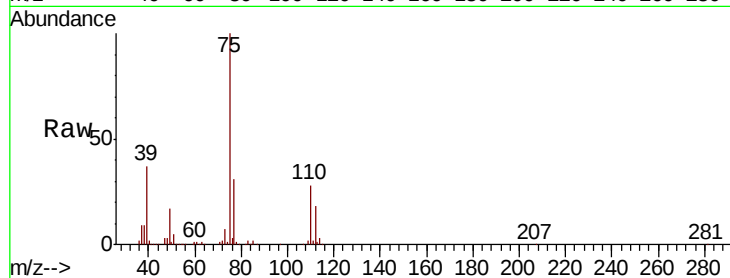
VSTDCCC050

Tot Ion: 75 Resp: 226459

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

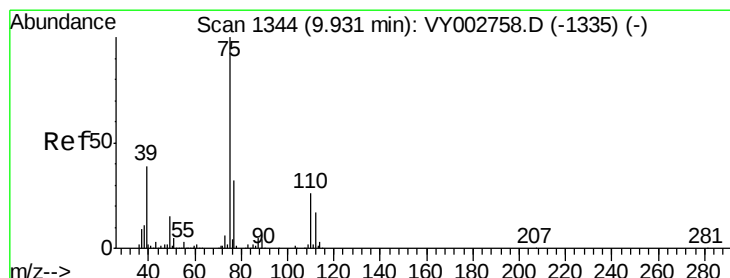
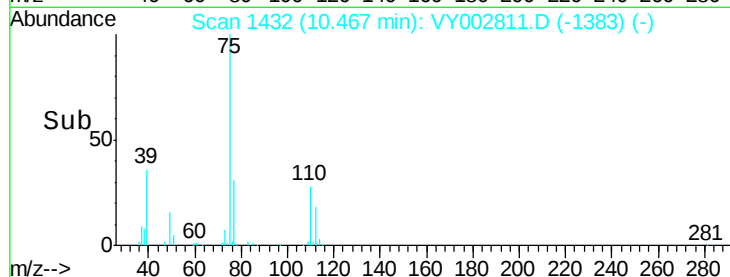
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.321 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

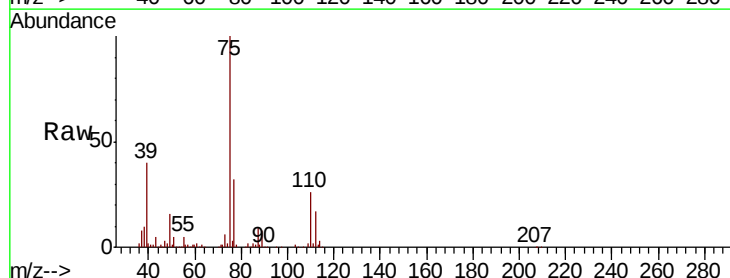
Tgt Ion: 75 Resp: 254743

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 39.8 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

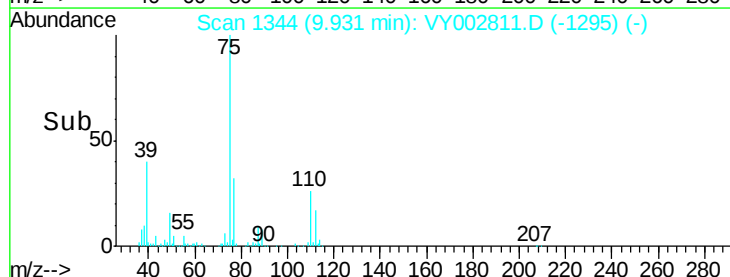
150000

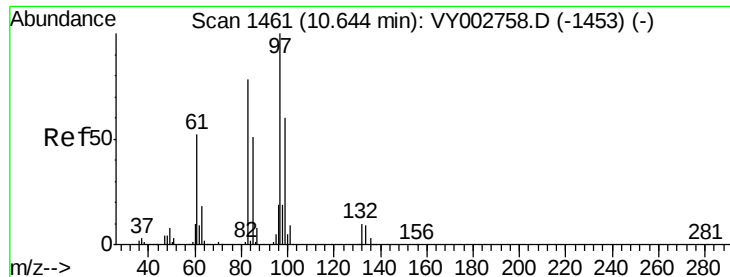
100000

50000

0

Time-->

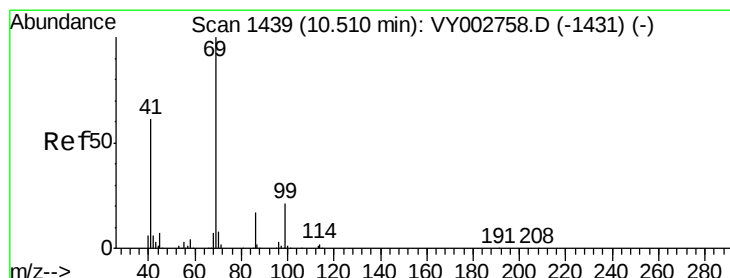
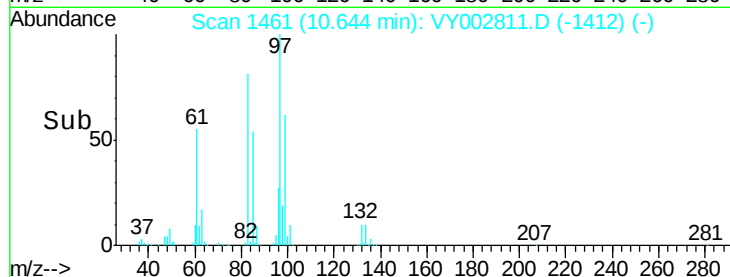
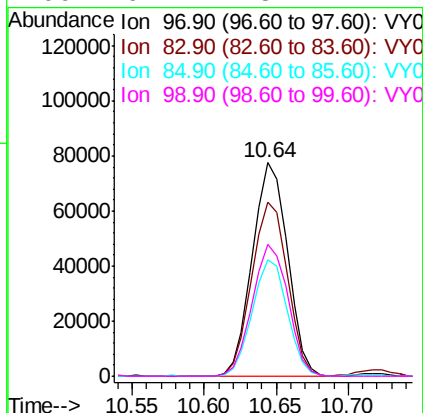
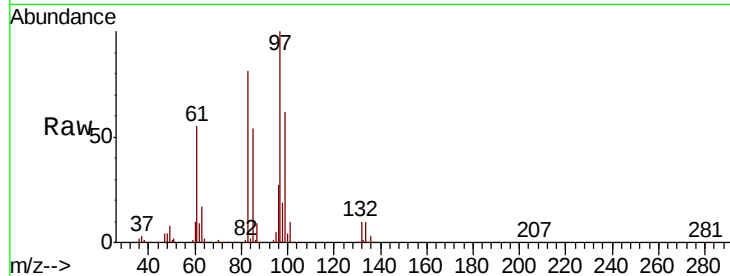




#55
 1,1,2-Trichloroethane
 Concen: 46.624 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

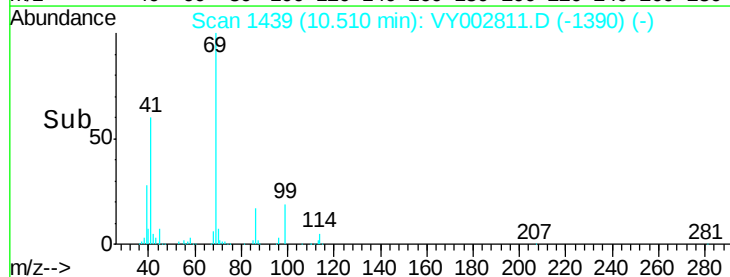
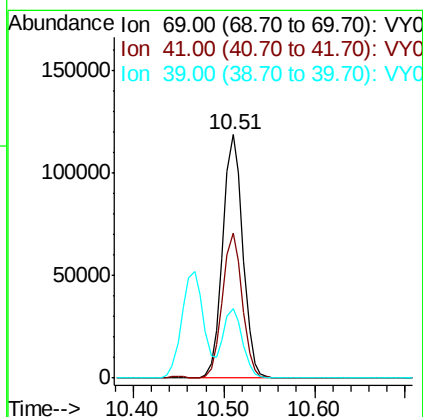
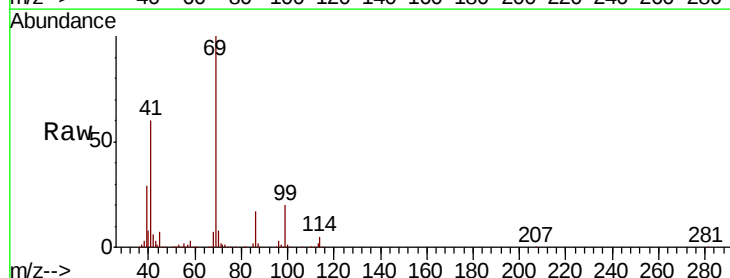
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	131698
Ion	Ratio	Lower	Upper
97	100		
83	81.3	62.7	94.1
85	54.4	40.6	60.8
99	61.7	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 48.427 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion:	69	Resp:	183218
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	27.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 47.269 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

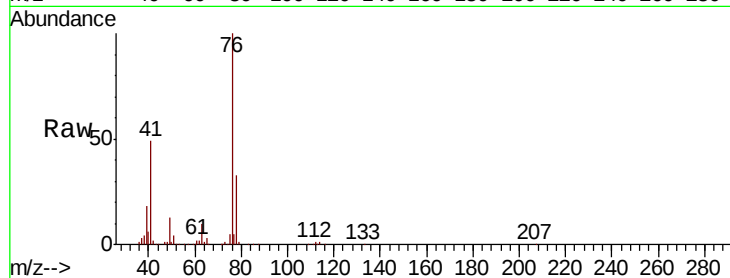
VSTDCCC050

Tot Ion: 76 Resp: 219612

Ion Ratio Lower Upper

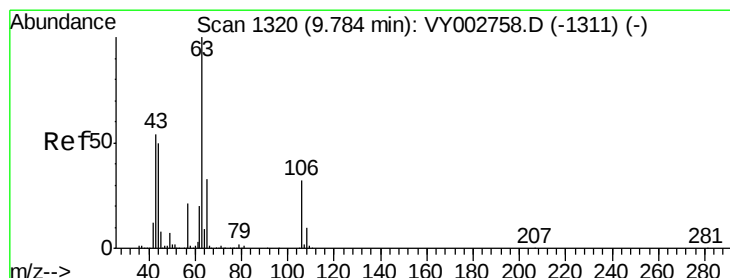
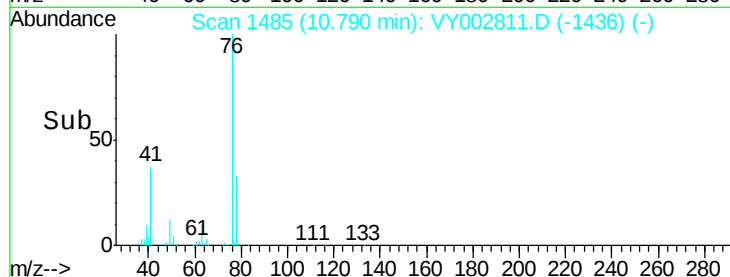
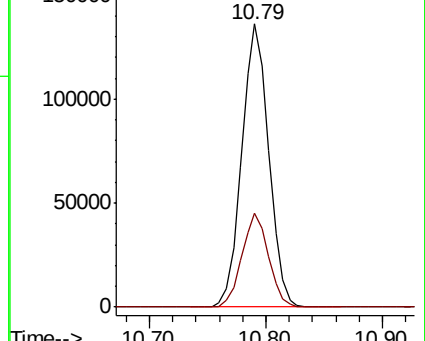
76 100

78 32.7 26.1 39.1



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: 248.628 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002811.D

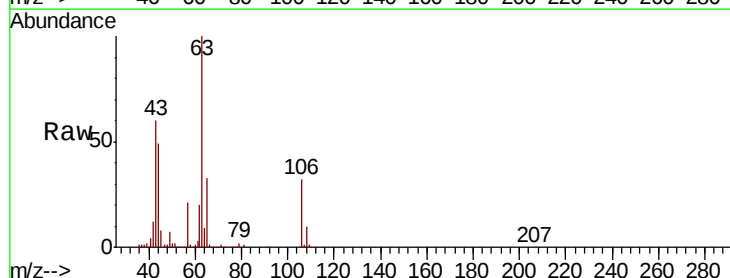
Acq: 02 Jun 2020 10:26

Tgt Ion: 63 Resp: 459633

Ion Ratio Lower Upper

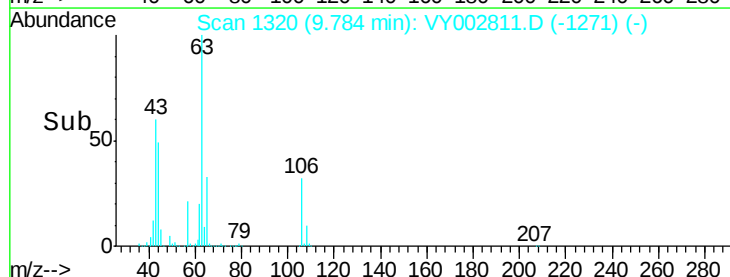
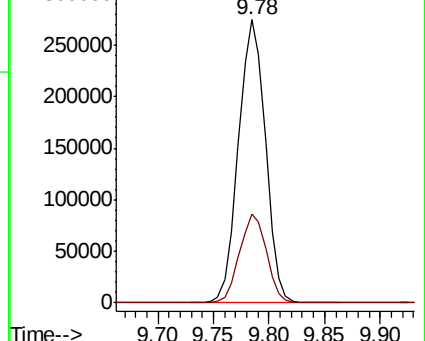
63 100

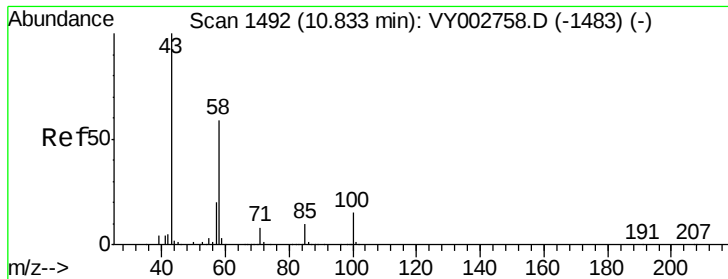
106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

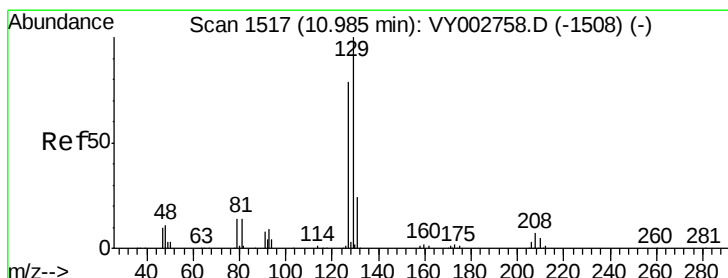
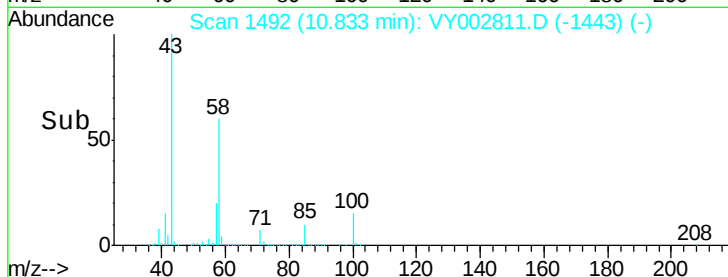
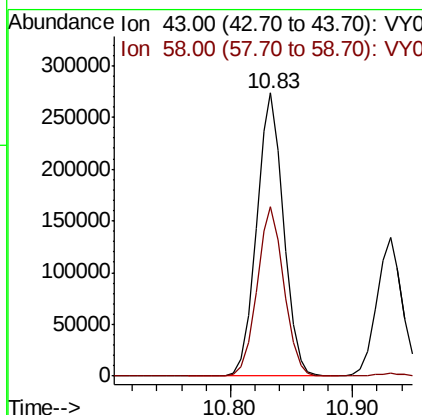
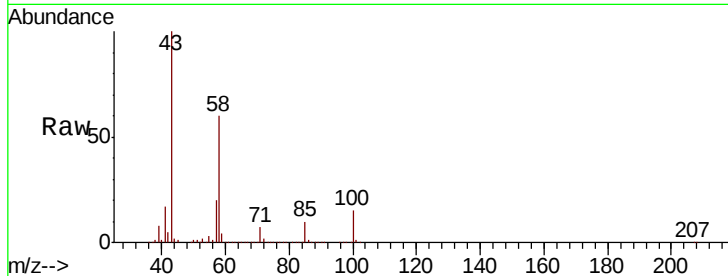




#59
2-Hexanone
Concen: 246.816 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

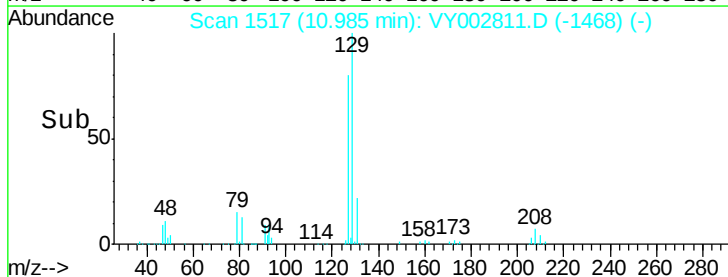
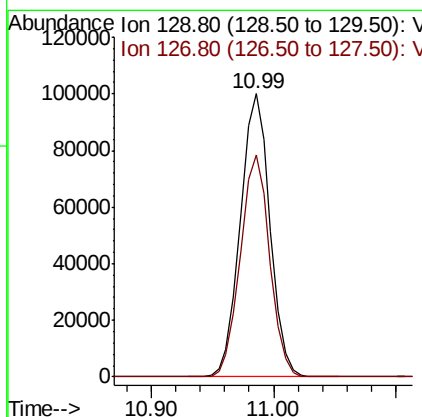
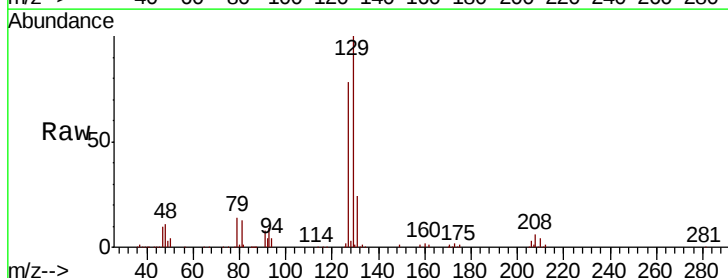
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

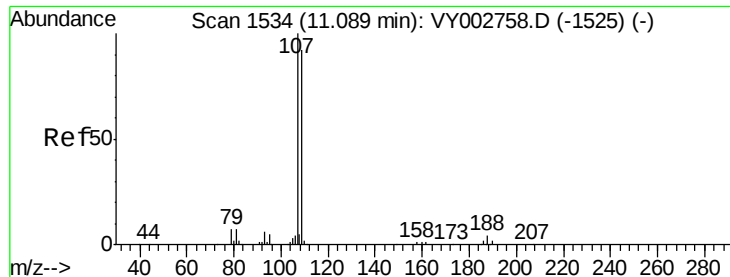
Tot Ion: 43 Resp: 419181
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 46.740 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 129 Resp: 167384
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3

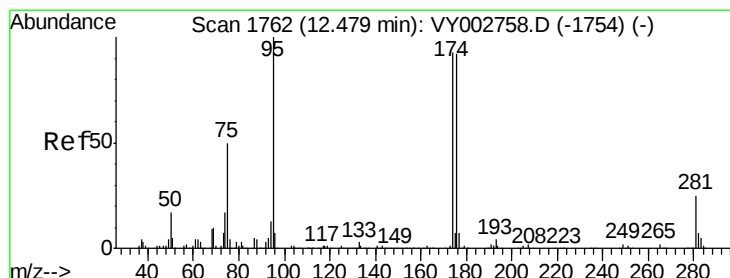
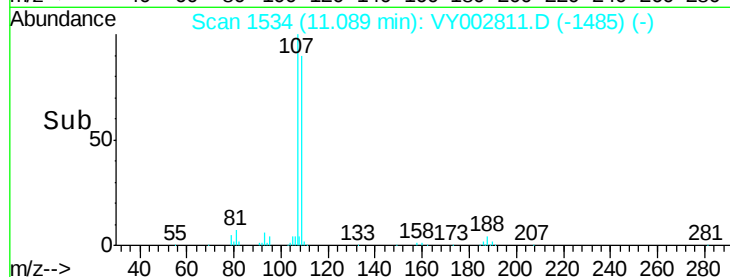
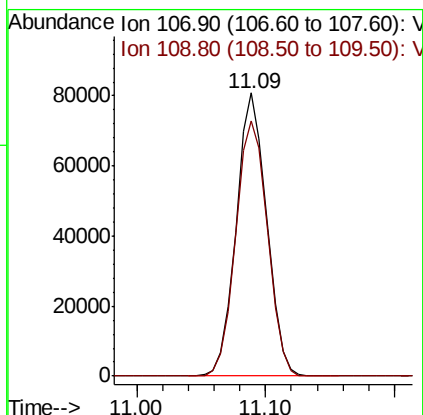
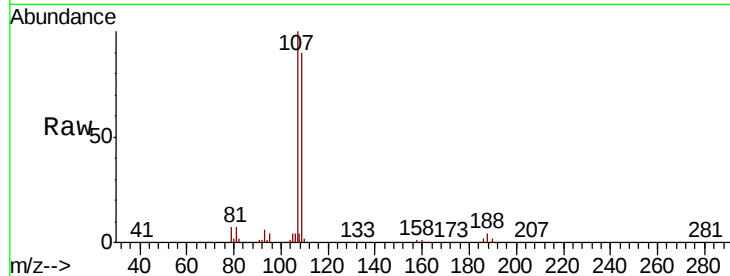




#61
 1,2-Dibromoethane
 Concen: 47.328 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

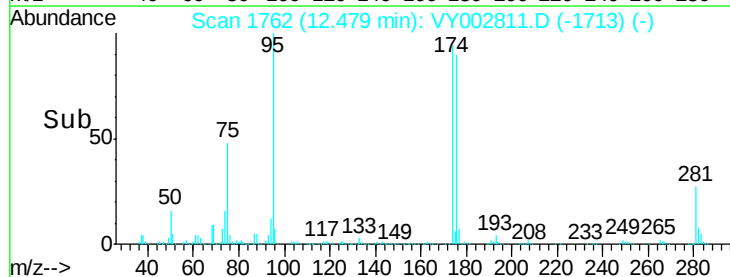
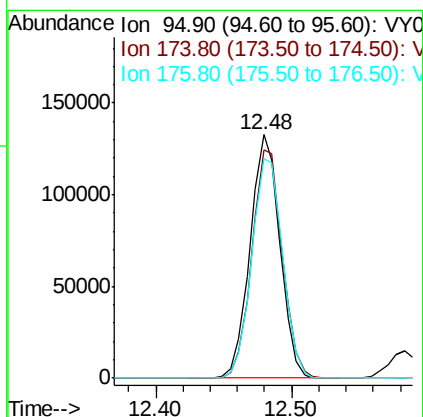
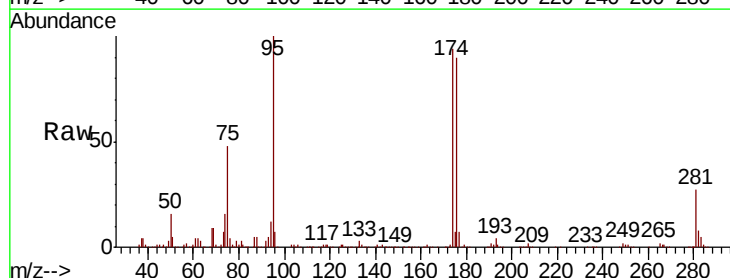
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

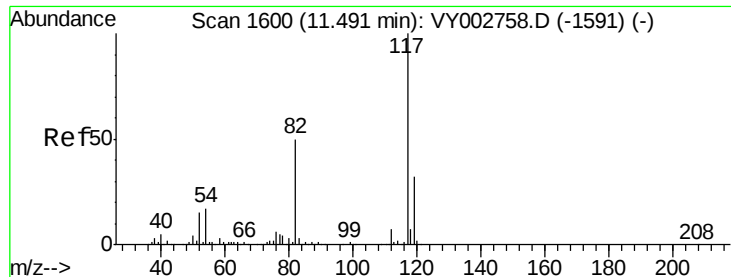
Tot Ion:107 Resp: 131875
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.403 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 95 Resp: 204006
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 191.2
 176 93.6 0.0 188.8

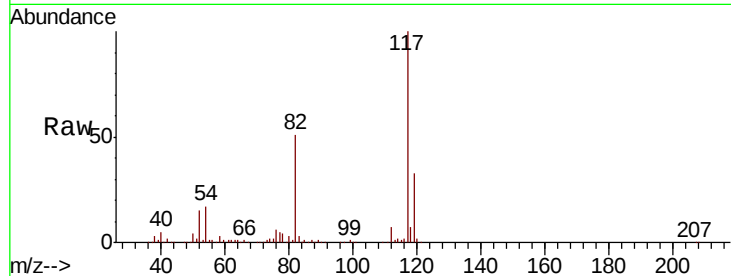




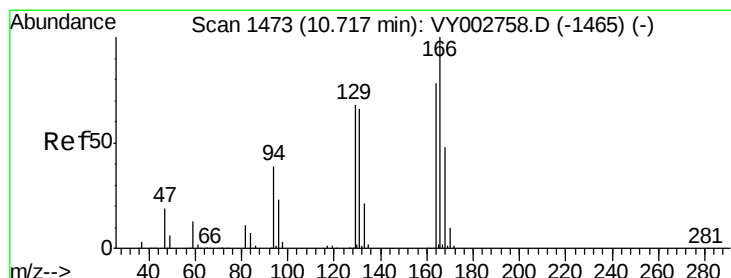
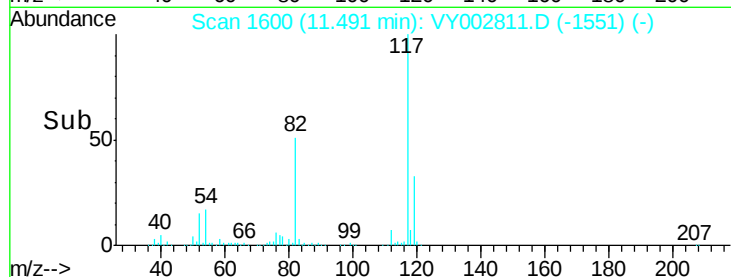
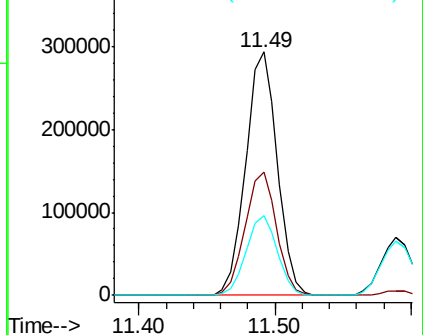
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 476103
Ion Ratio Lower Upper
117 100
82 50.6 40.2 60.4
119 32.7 25.8 38.8

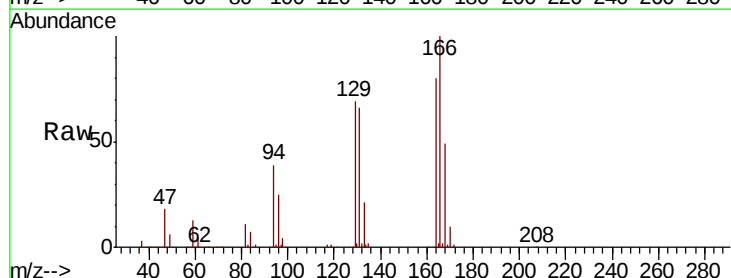


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

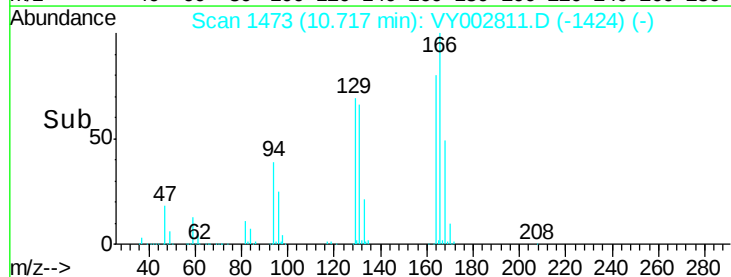
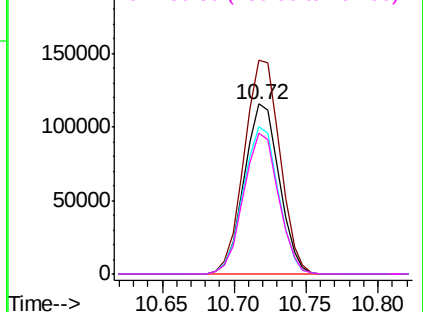


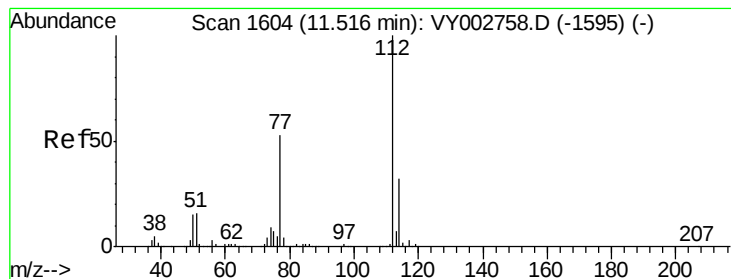
#64
Tetrachloroethene
Concen: 45.089 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion:164 Resp: 195103
Ion Ratio Lower Upper
164 100
166 125.7 102.3 153.5
129 86.7 69.4 104.2
131 82.8 67.8 101.6



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: 46.780 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

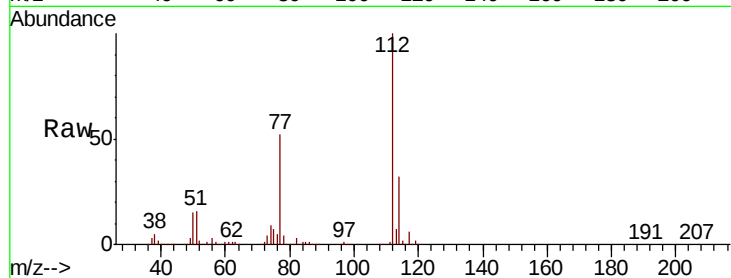
VSTDCCC050

Tot Ion:112 Resp: 440207

Ion Ratio Lower Upper

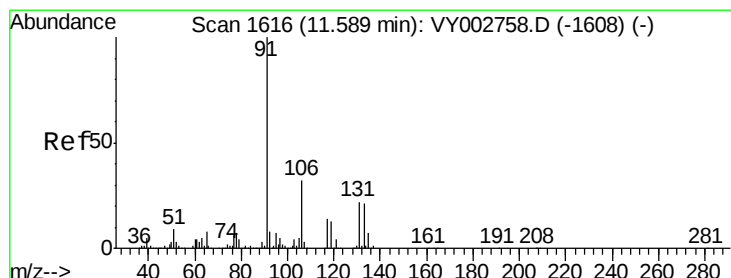
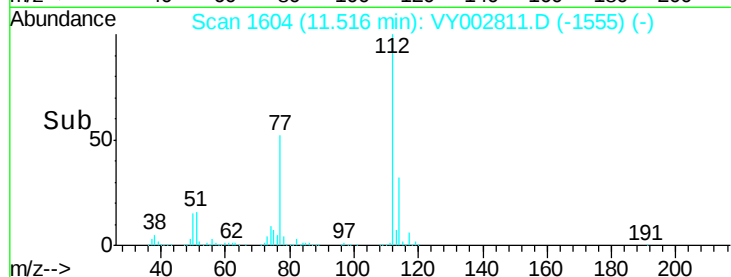
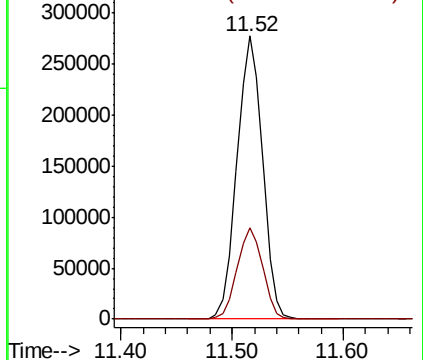
112 100

114 32.2 25.7 38.5



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: 47.376 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

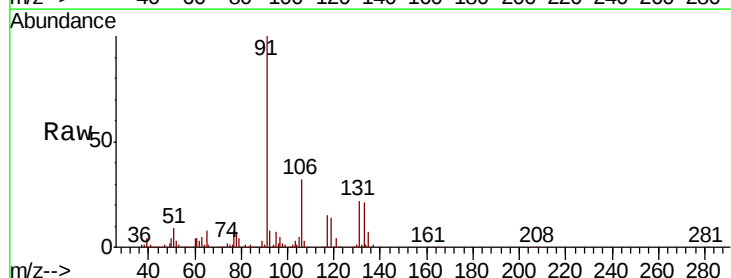
Tgt Ion:131 Resp: 167904

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

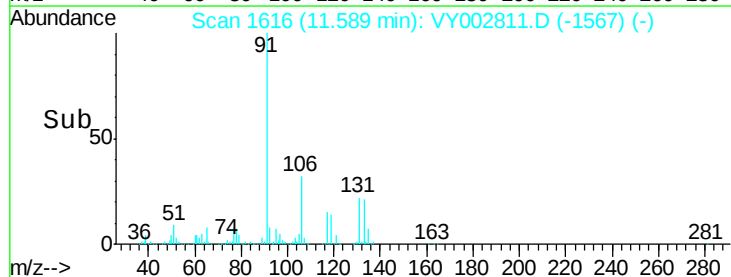
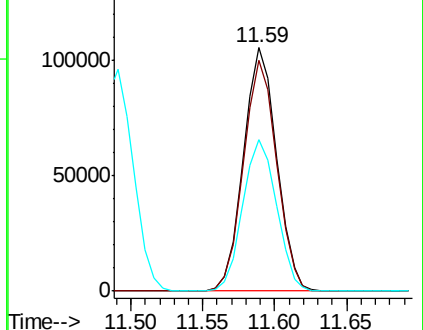
119 63.7 31.7 95.1



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: 46.932 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

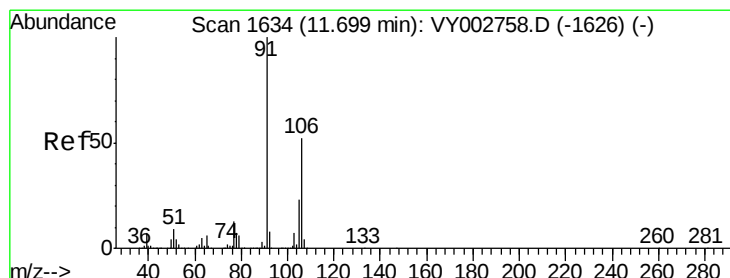
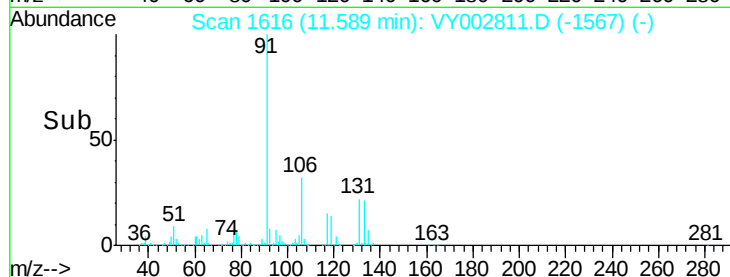
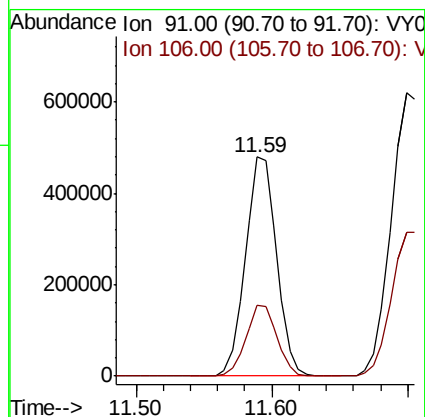
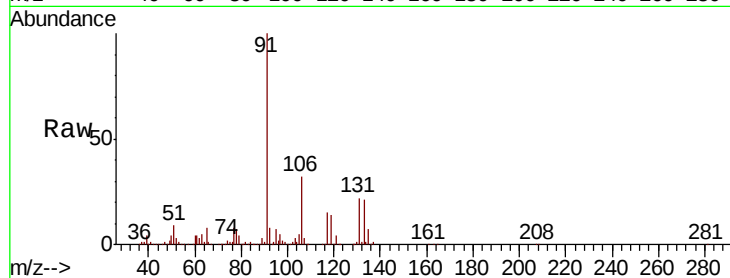
VSTDCCC050

Tot Ion: 91 Resp: 765643

Ion Ratio Lower Upper

91 100

106 32.3 25.7 38.5



#68

m/p-Xylenes

Concen: 93.529 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002811.D

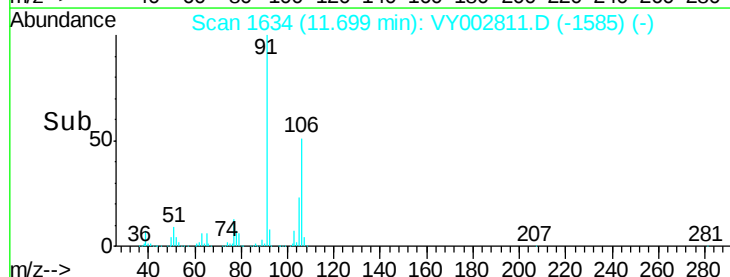
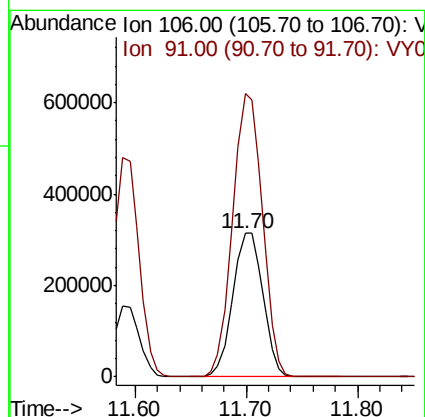
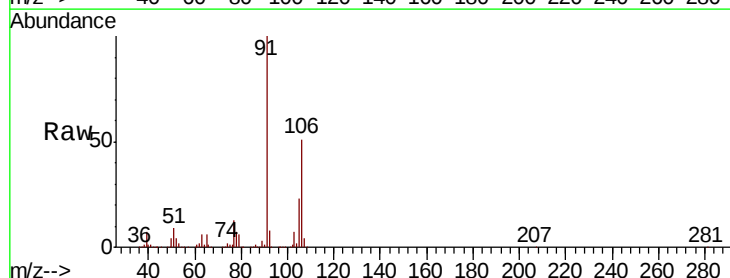
Acq: 02 Jun 2020 10:26

Tgt Ion: 106 Resp: 591583

Ion Ratio Lower Upper

106 100

91 194.9 156.0 234.0

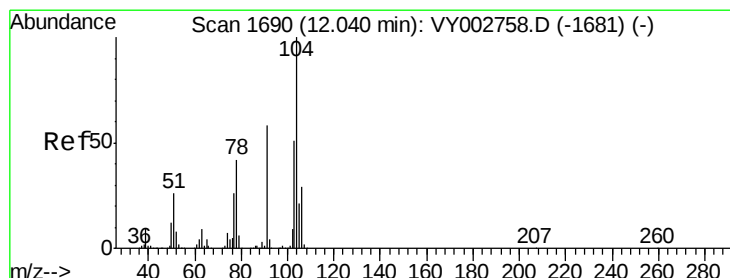
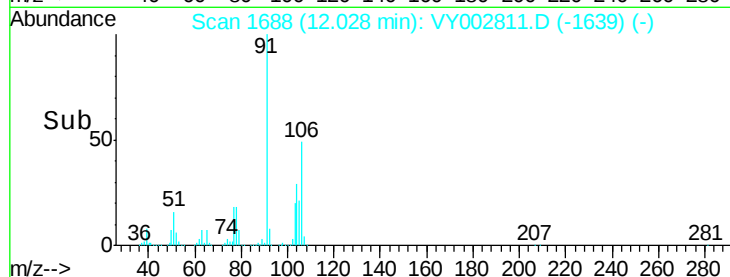
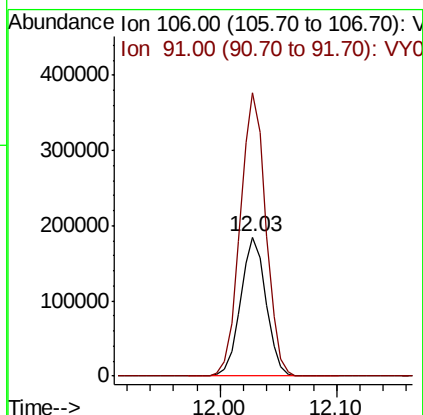
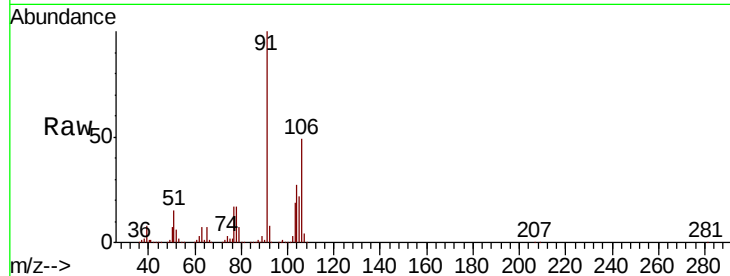




#69
o-Xylene
Concen: 47.209 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

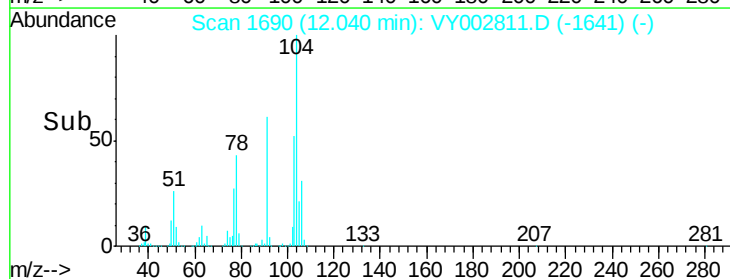
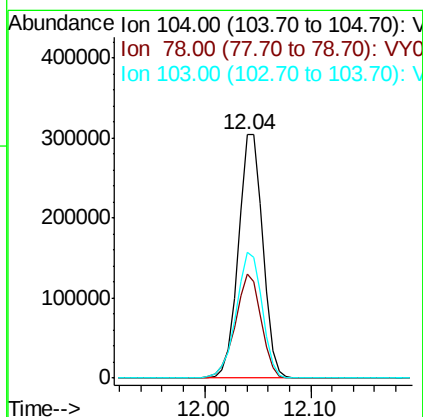
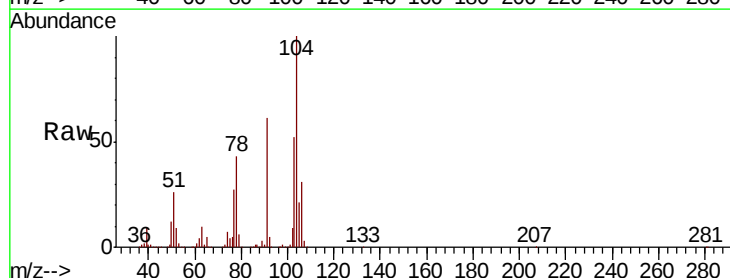
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

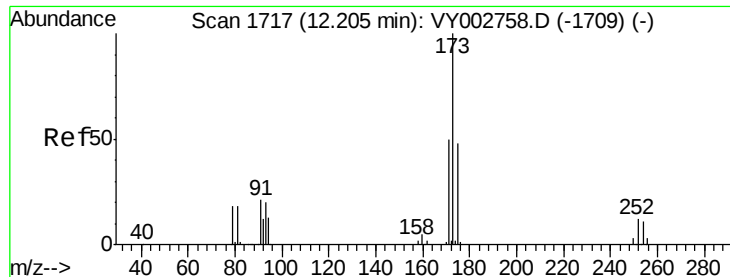
Tot Ion:106 Resp: 281889
Ion Ratio Lower Upper
106 100
91 204.9 102.4 307.1



#70
Styrene
Concen: 47.367 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion:104 Resp: 490301
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 47.984 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

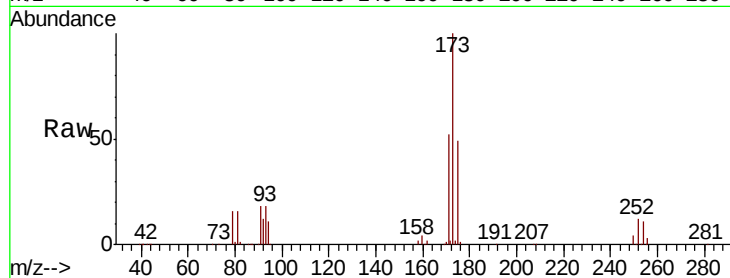
Tot Ion:173 Resp: 113792

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.8

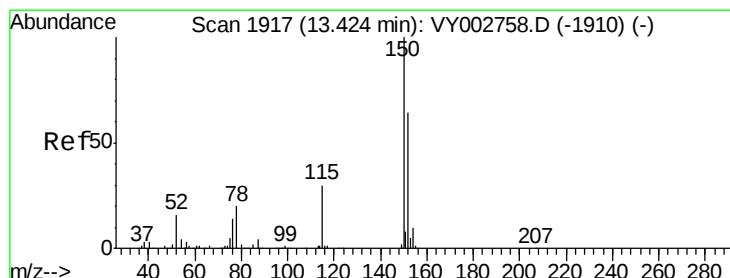
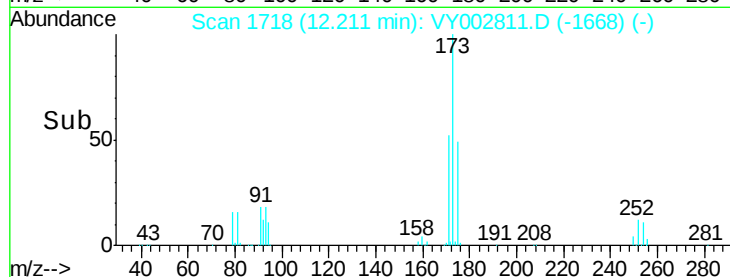
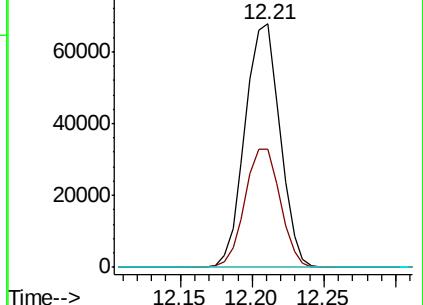
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

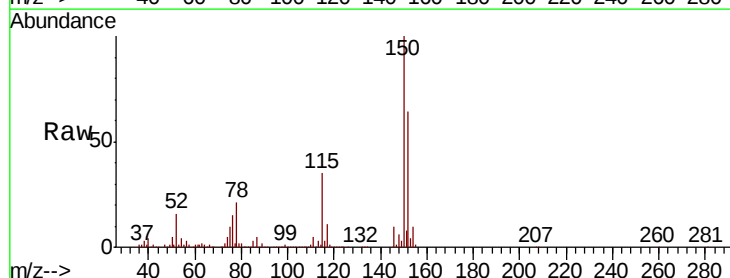
Tgt Ion:152 Resp: 251808

Ion Ratio Lower Upper

152 100

115 55.2 27.0 81.0

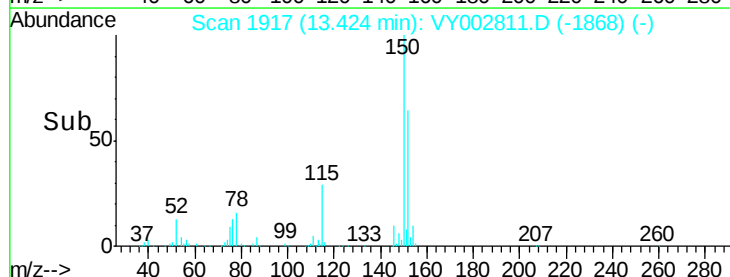
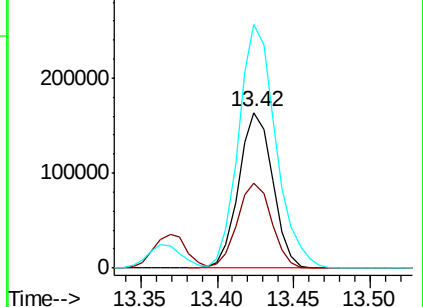
150 171.0 0.0 344.8

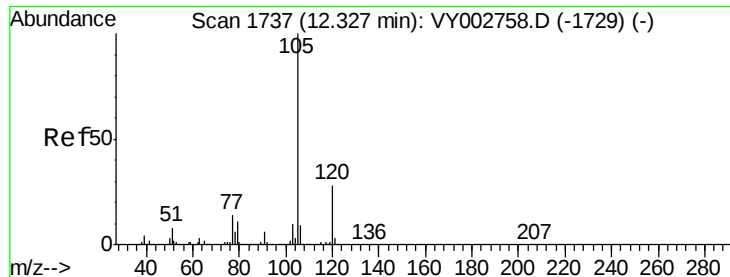


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.538 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

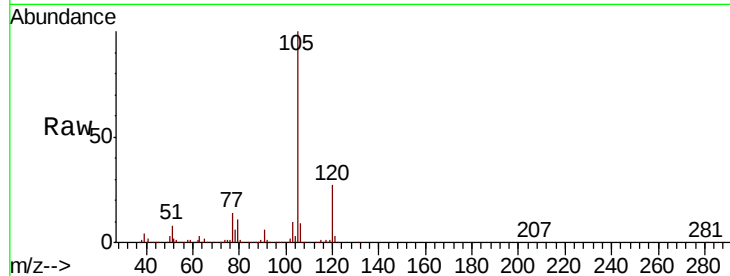
VSTDCCC050

Tot Ion:105 Resp: 767114

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

500000

400000

300000

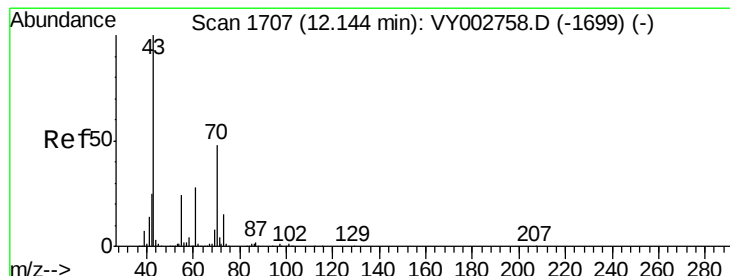
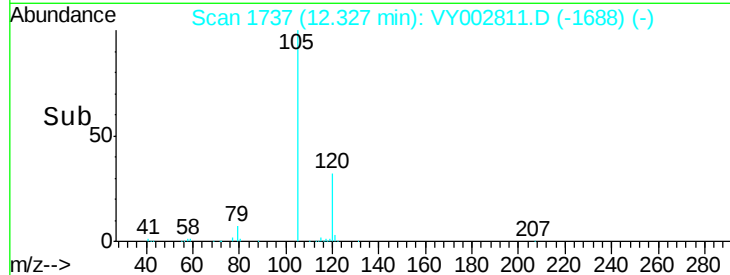
200000

100000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 49.022 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion: 43 Resp: 202972

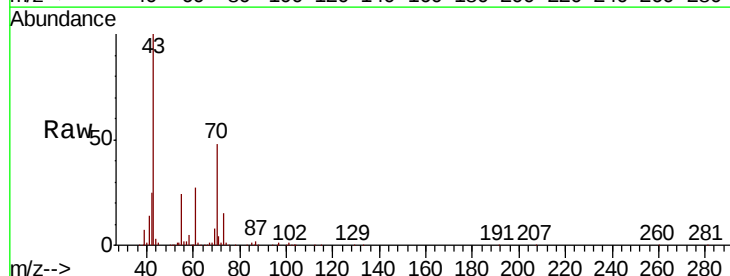
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 24.6 19.8 29.6

61 26.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

150000

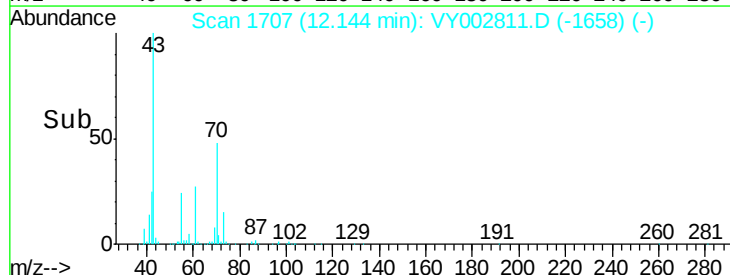
100000

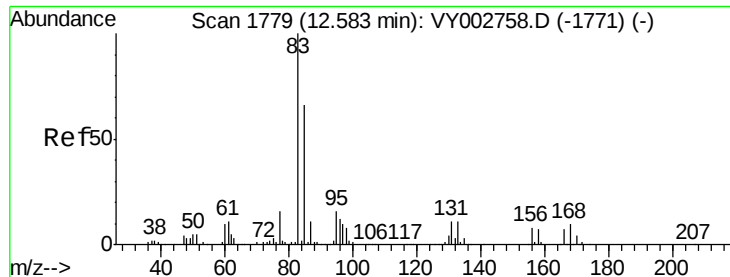
50000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 50.992 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

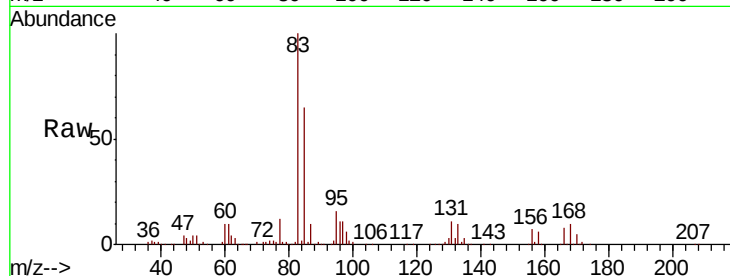
Tot Ion: 83 Resp: 144374

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

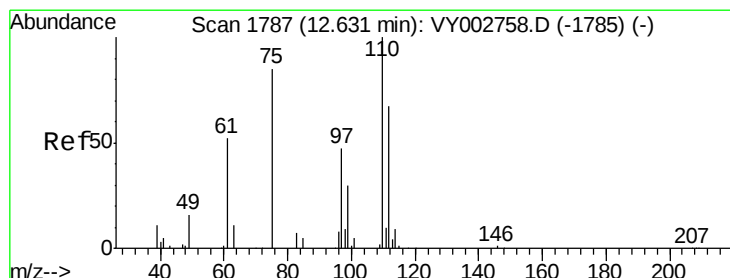
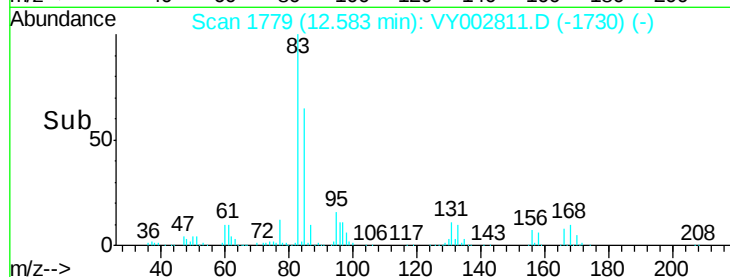
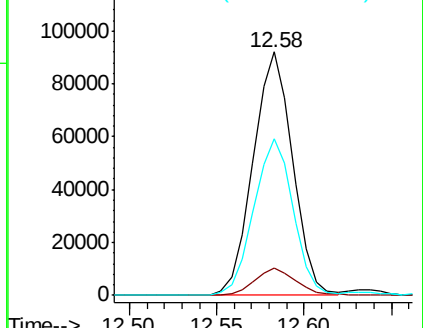
85 64.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002811.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002811.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002811.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 91.219 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002811.D

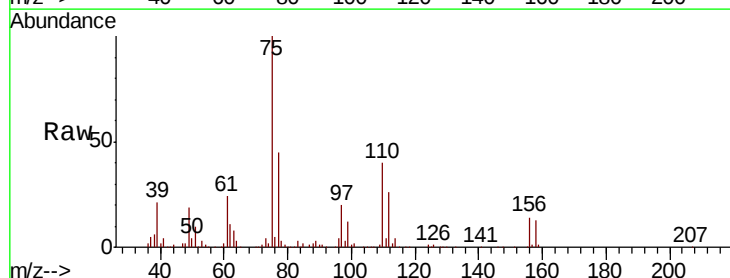
Acq: 02 Jun 2020 10:26

Tgt Ion: 75 Resp: 206972

Ion Ratio Lower Upper

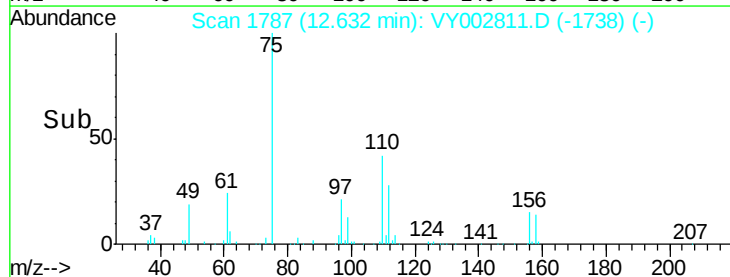
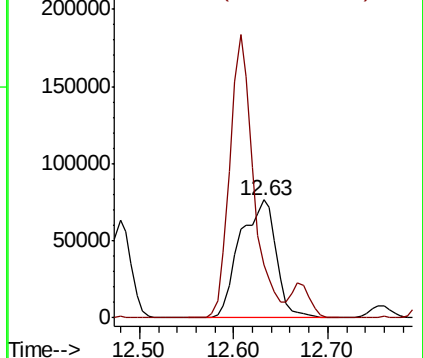
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002811.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002811.D (-1738) (-)





#77

Bromobenzene

Concen: 47.029 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

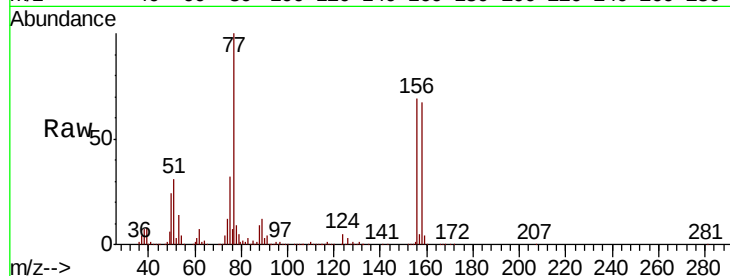
Tot Ion:156 Resp: 197605

Ion Ratio Lower Upper

156 100

77 163.4 81.4 244.2

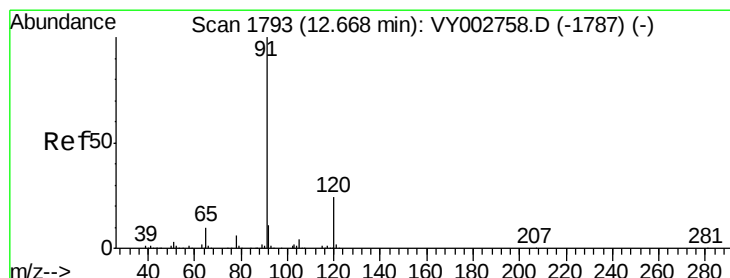
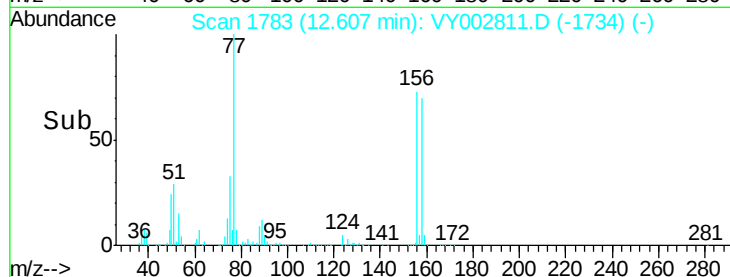
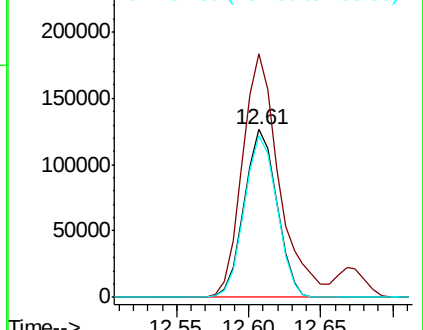
158 96.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.883 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002811.D

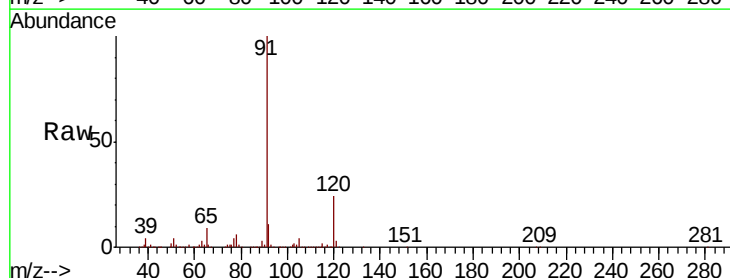
Acq: 02 Jun 2020 10:26

Tgt Ion: 91 Resp: 892548

Ion Ratio Lower Upper

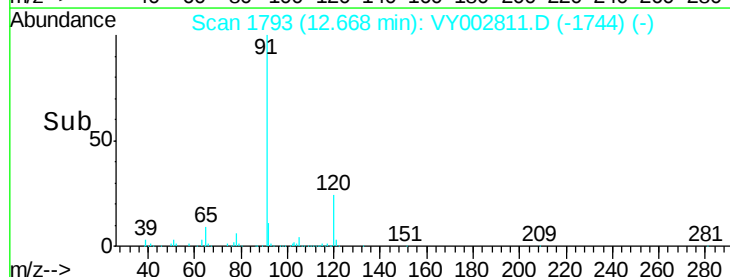
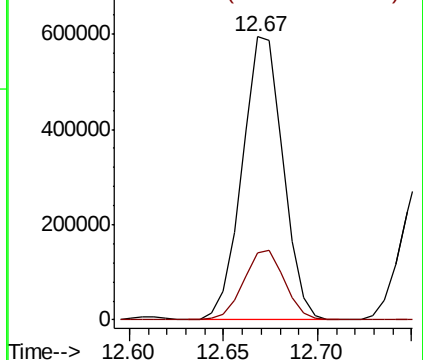
91 100

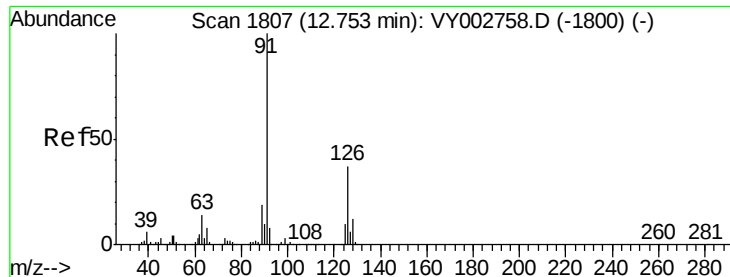
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

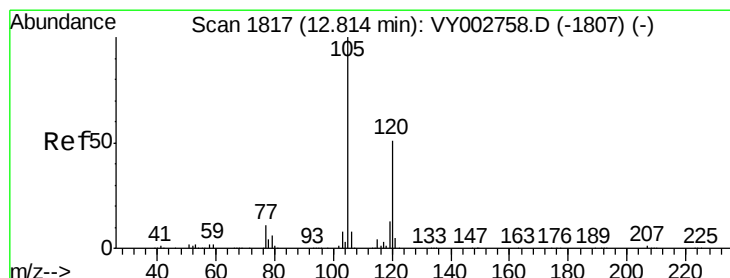
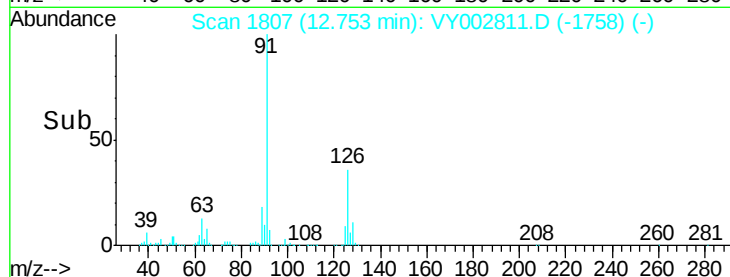
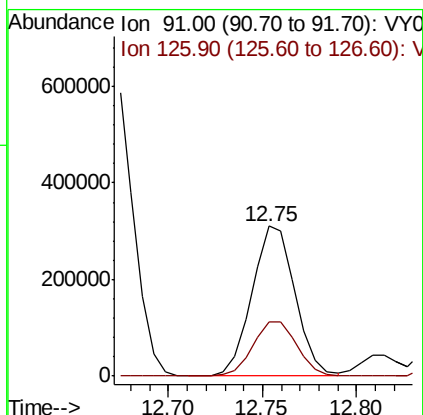
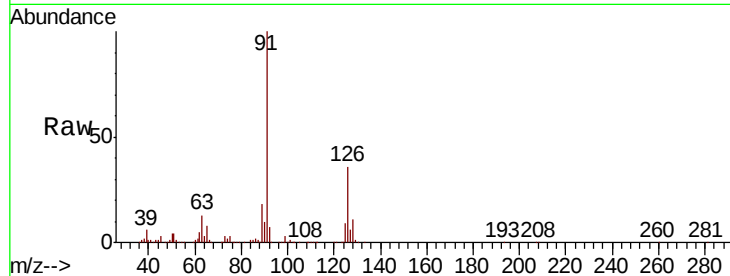




#79
 2-Chlorotoluene
 Concen: 47.019 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

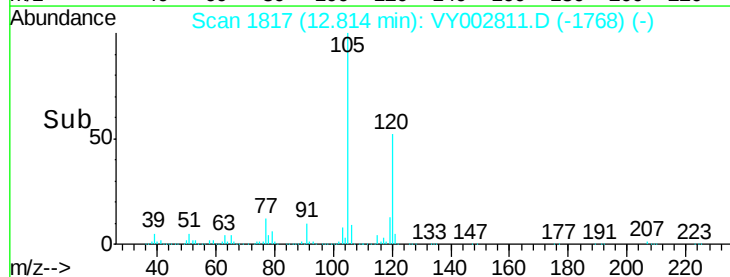
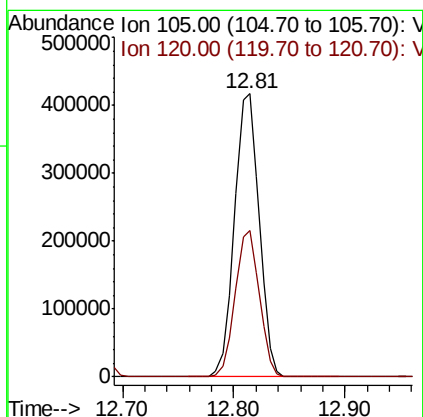
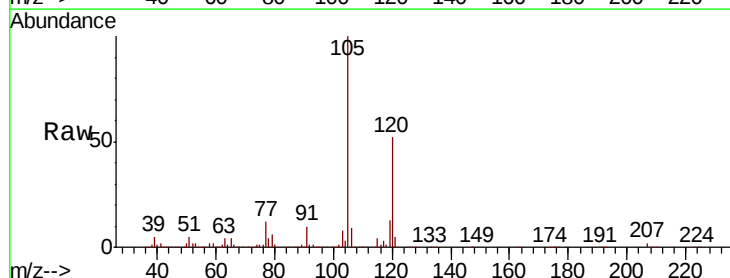
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 491632
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 47.375 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 105 Resp: 638306
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.026 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

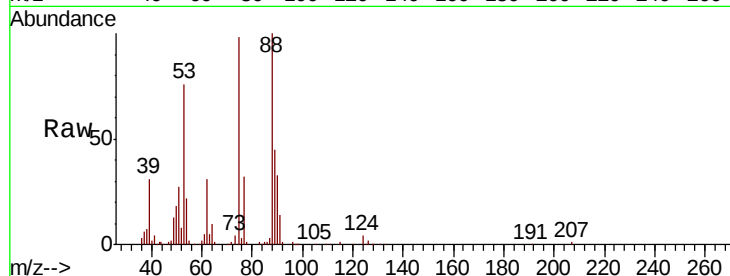
Tot Ion: 75 Resp: 60248

Ion Ratio Lower Upper

75 100

53 78.2 64.0 96.0

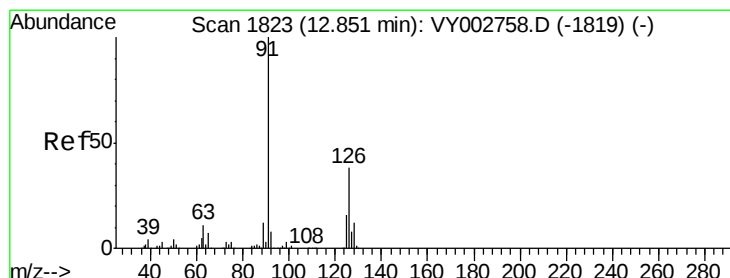
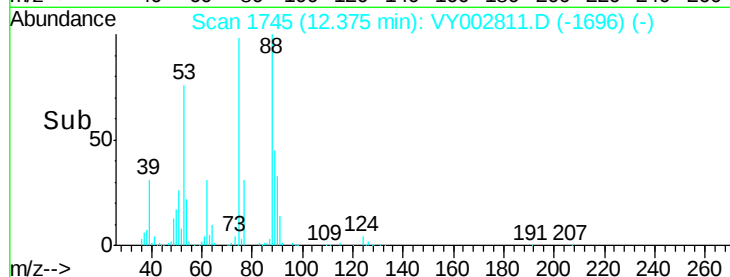
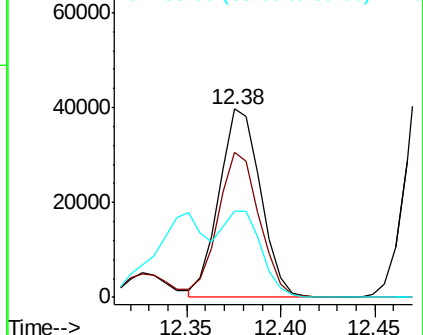
89 43.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 46.962 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002811.D

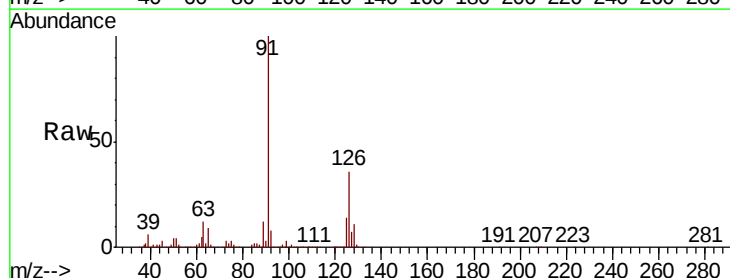
Acq: 02 Jun 2020 10:26

Tgt Ion: 91 Resp: 514466

Ion Ratio Lower Upper

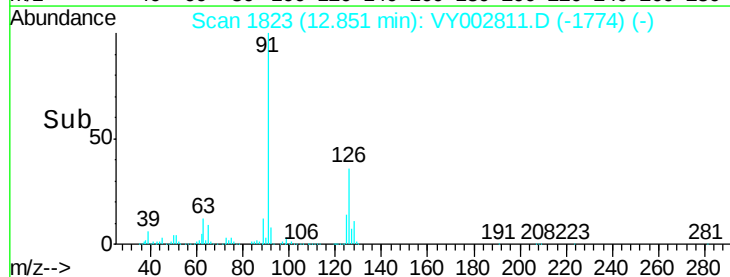
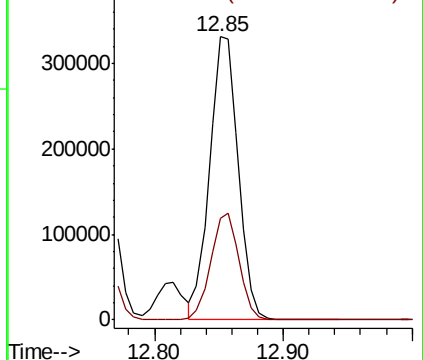
91 100

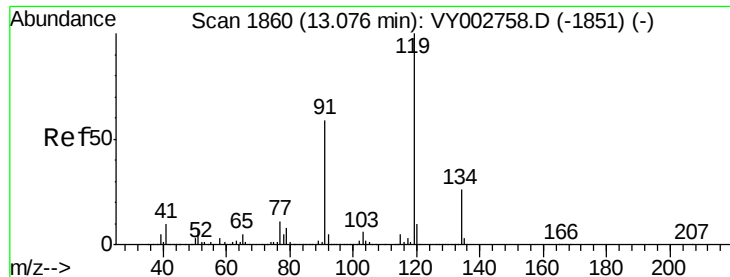
126 37.4 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

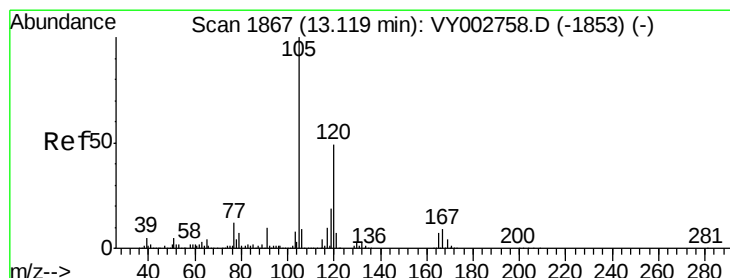
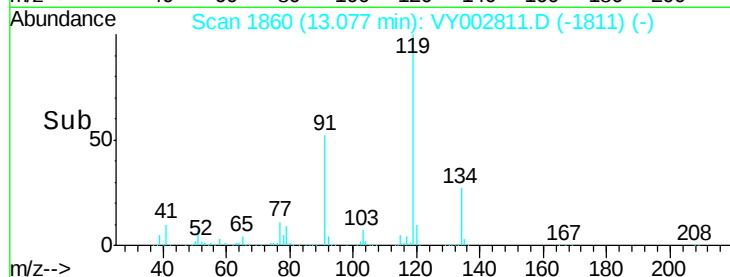
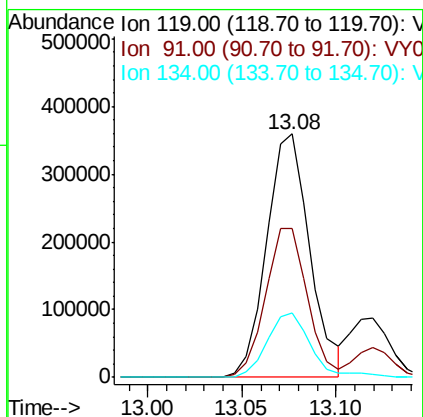
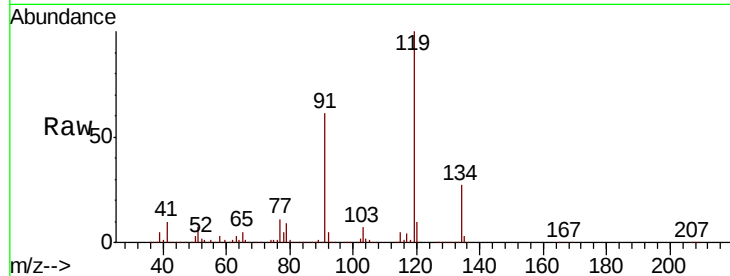




#83
tert-Butylbenzene
Concen: 47.576 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

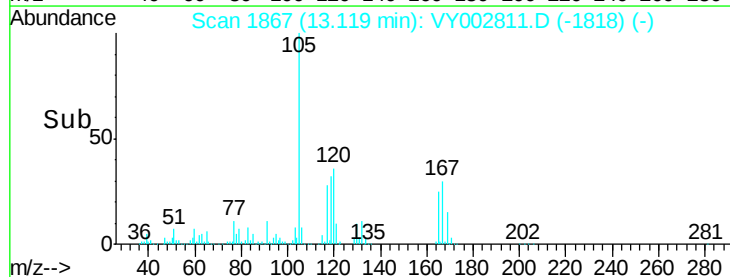
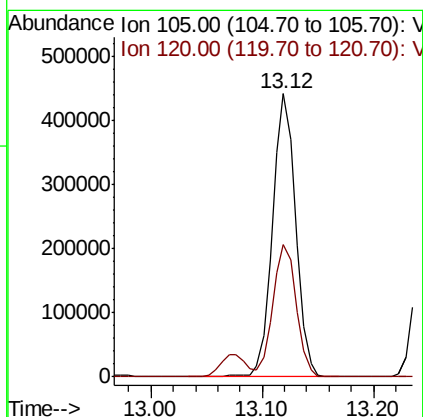
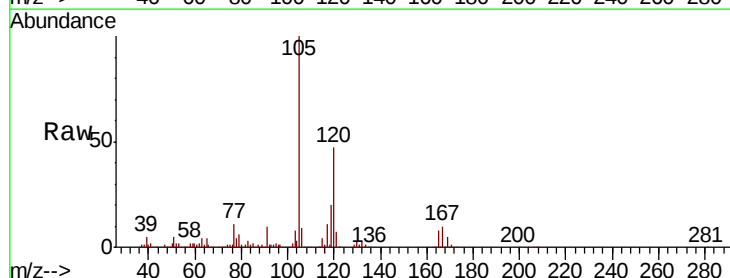
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

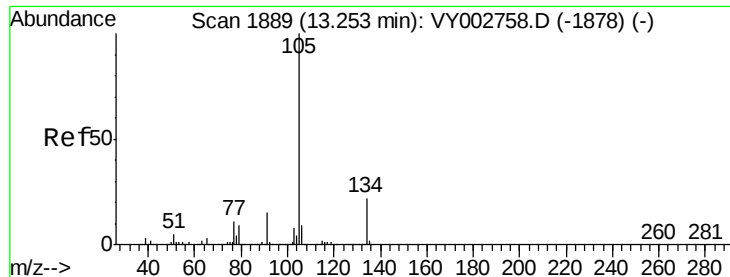
Tot Ion:119 Resp: 571795
Ion Ratio Lower Upper
119 100
91 59.5 29.8 89.4
134 26.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.201 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion:105 Resp: 639468
Ion Ratio Lower Upper
105 100
120 47.0 23.6 70.8





#85

sec-Butylbenzene

Concen: 47.099 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

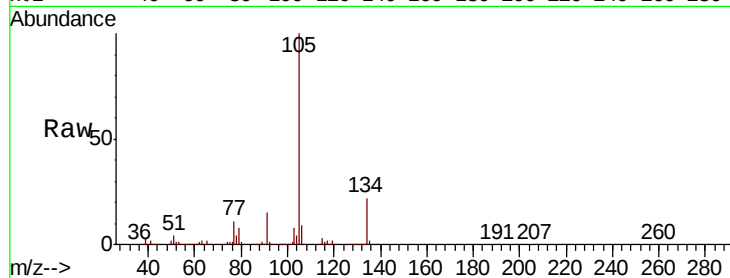
VSTDCCC050

Tot Ion:105 Resp: 773990

Ion Ratio Lower Upper

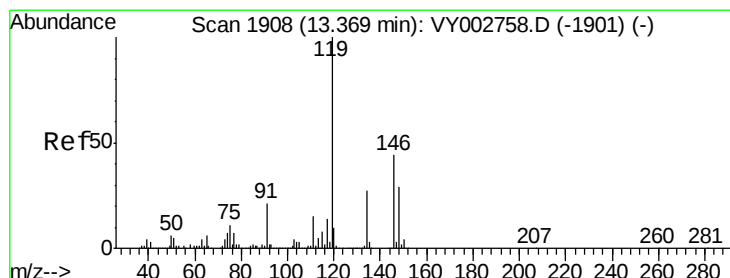
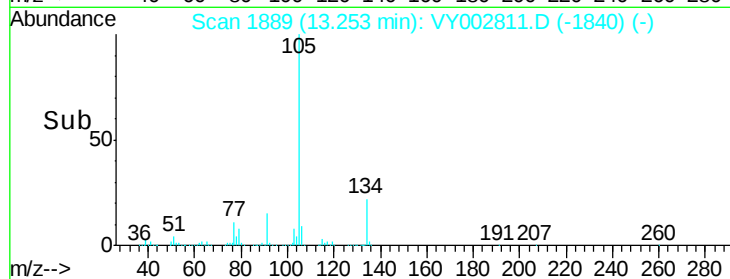
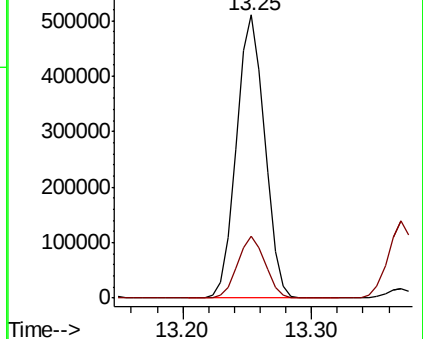
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.894 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

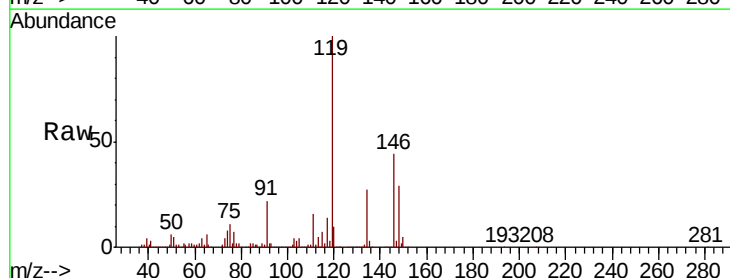
Tgt Ion:119 Resp: 732344

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

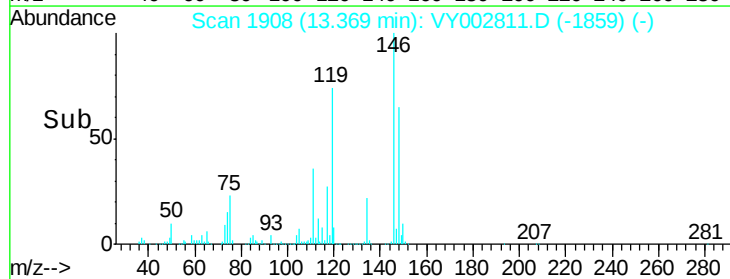
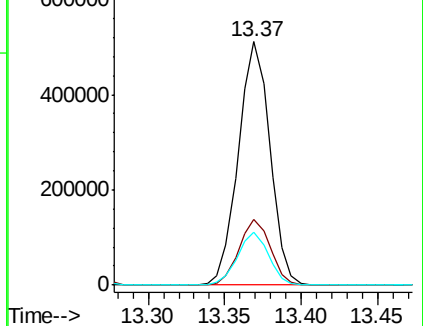
91 21.3 10.8 32.4

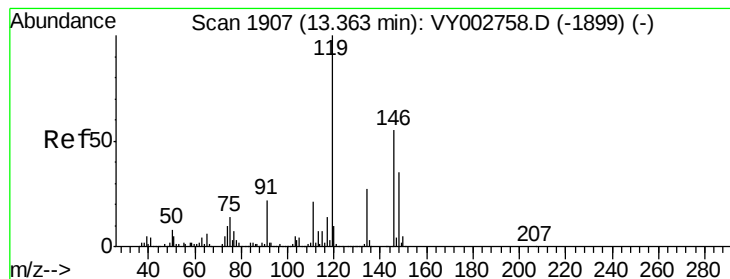


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 46.352 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

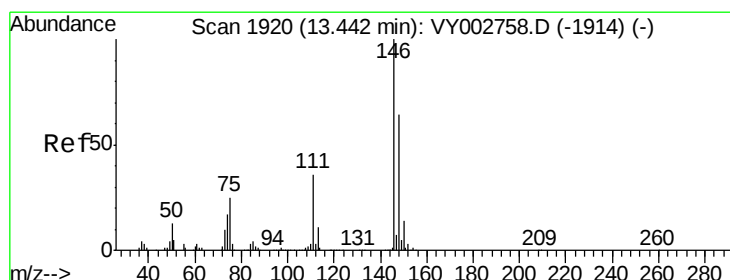
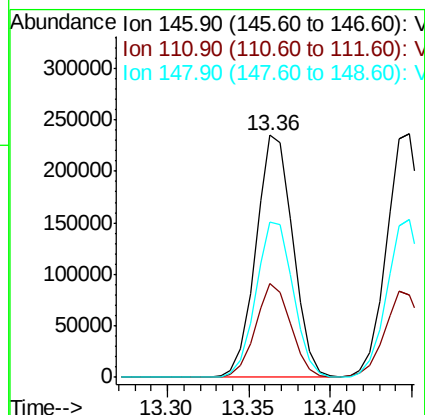
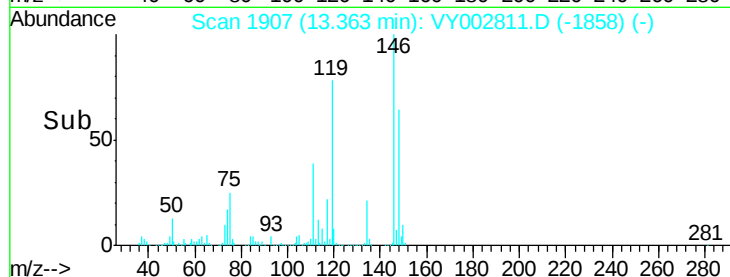
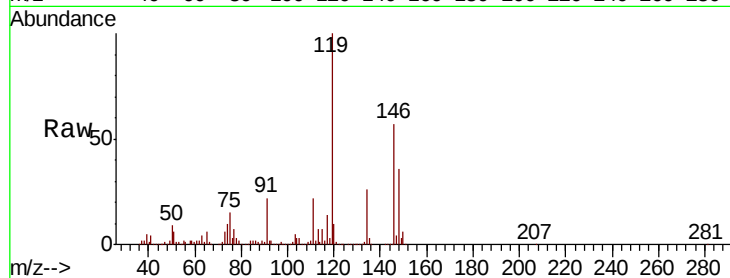
Tot Ion:146 Resp: 368917

Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.0

148 64.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 46.398 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

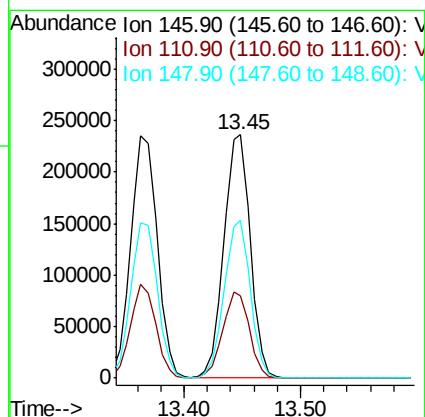
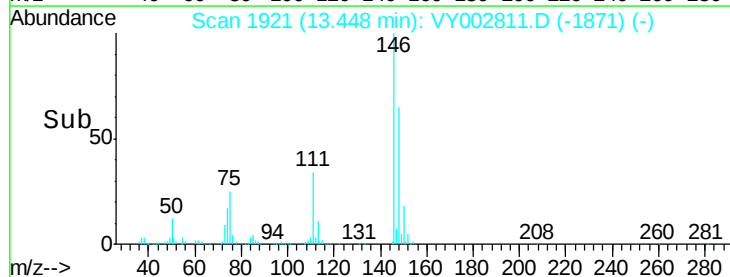
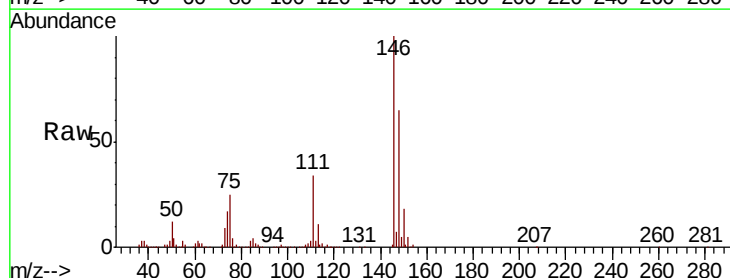
Tgt Ion:146 Resp: 369408

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.3

148 64.2 32.1 96.3

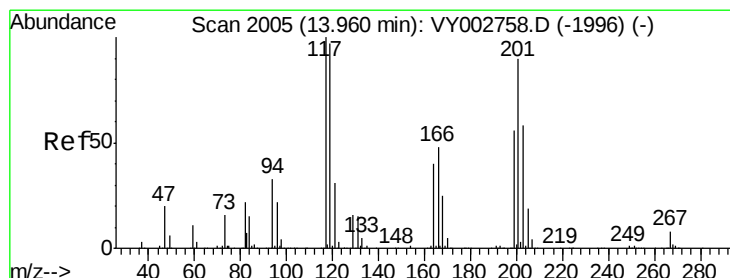
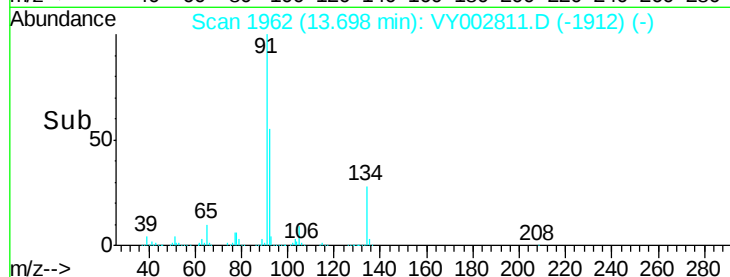
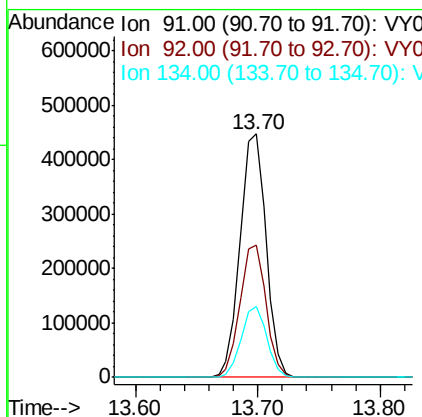
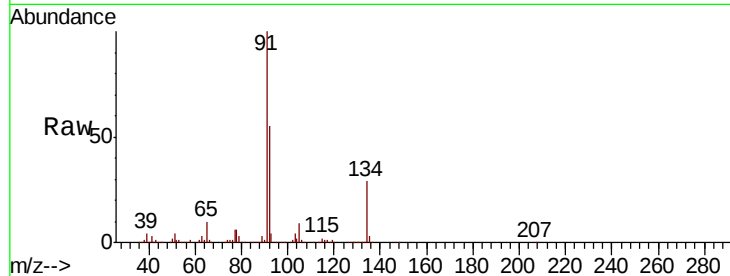




#89
n-Butylbenzene
Concen: 47.450 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

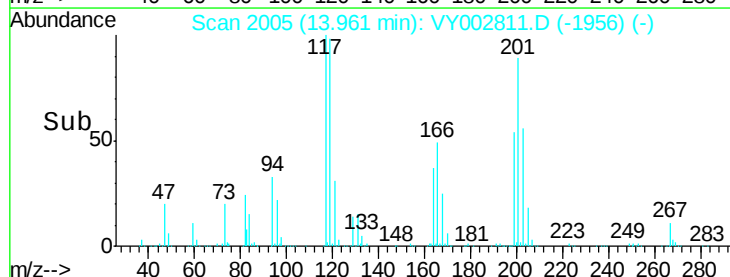
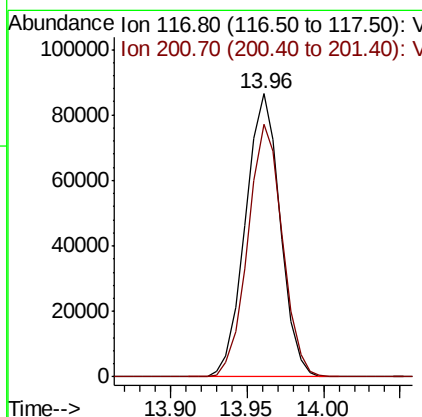
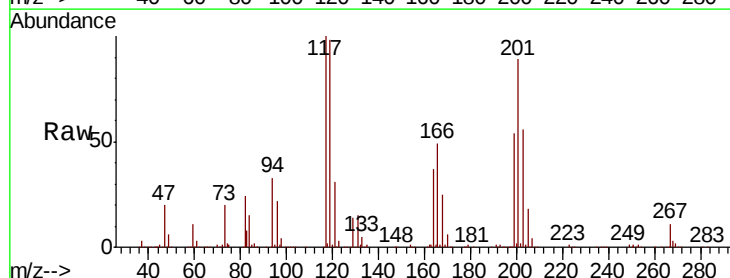
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 658730
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 28.7 14.3 42.9



#90
Hexachloroethane
Concen: 47.747 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 117 Resp: 136680
Ion Ratio Lower Upper
117 100
201 88.4 43.9 131.6

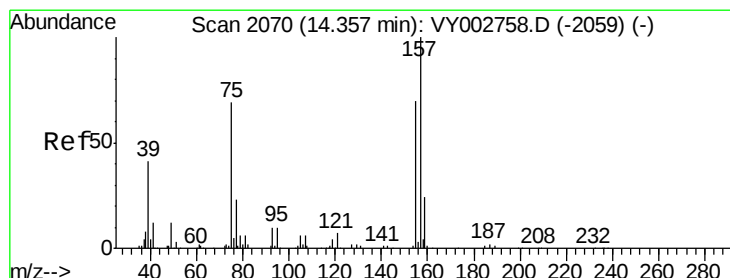
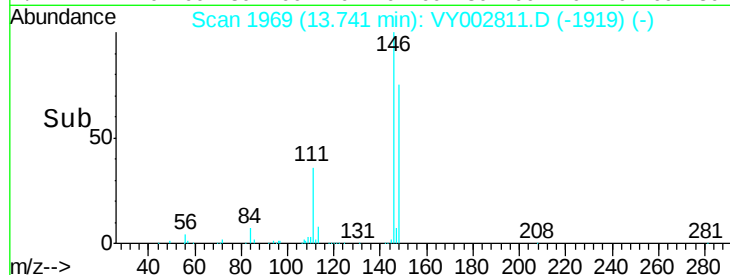
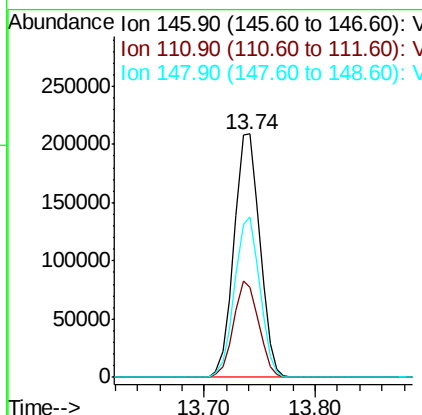
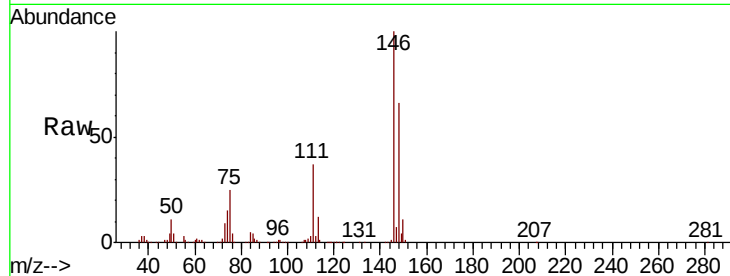




#91
 1,2-Dichlorobenzene
 Concen: 46.600 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

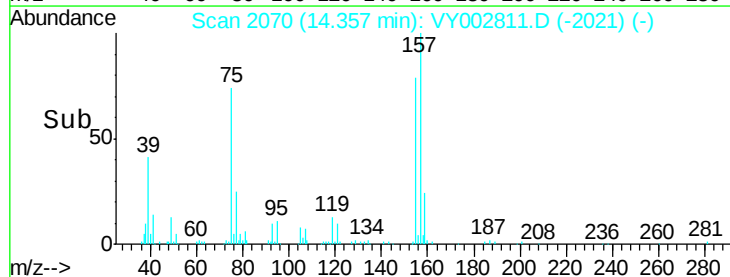
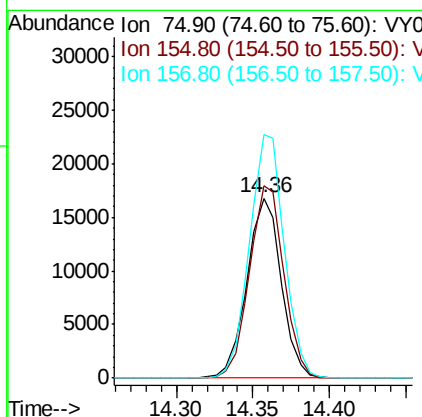
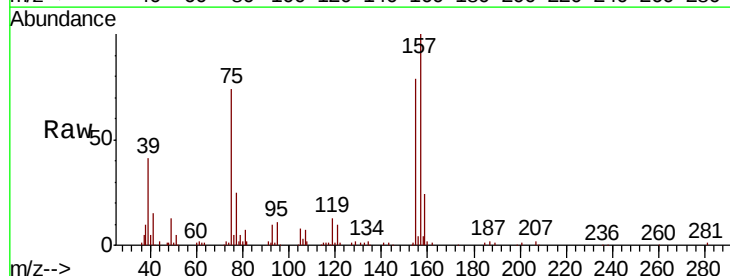
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

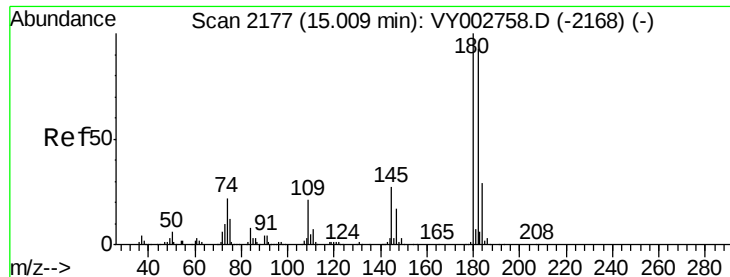
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.215 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	53.5	160.5
157	136.9	69.9	209.7

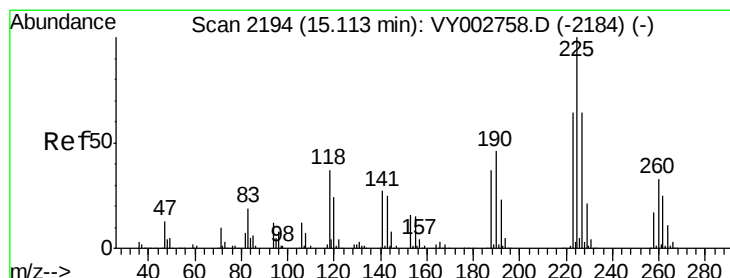
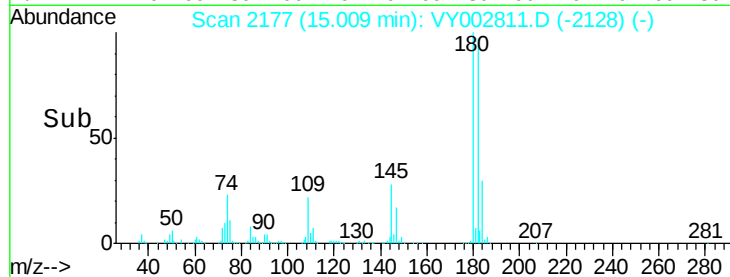
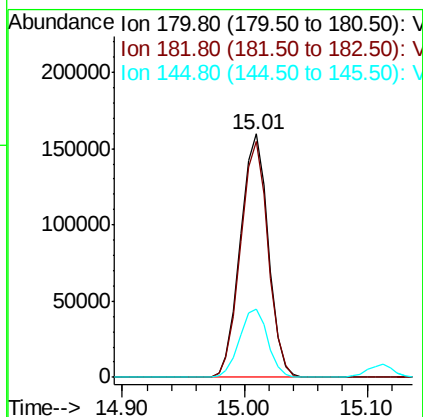
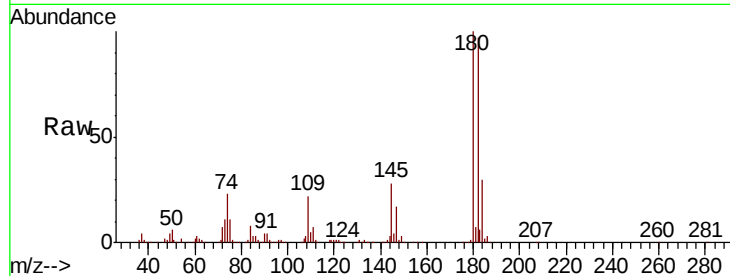




#93
 1,2,4-Trichlorobenzene
 Concen: 46.073 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

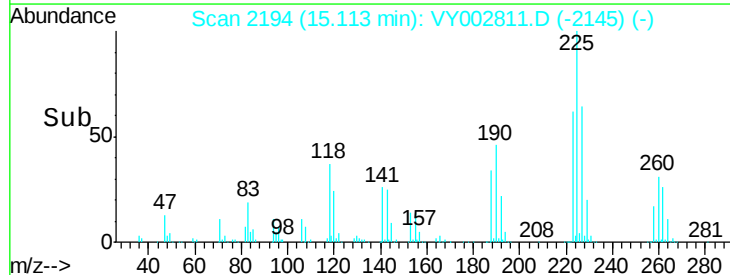
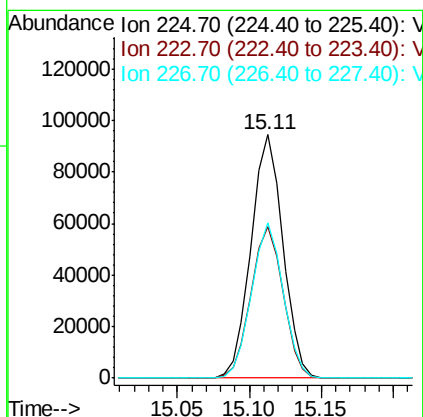
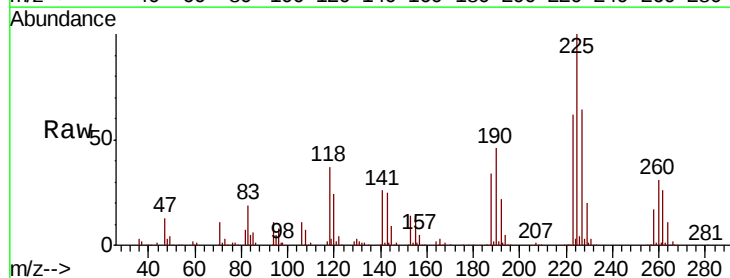
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

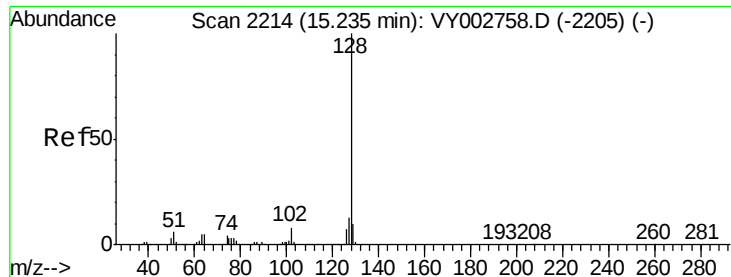
Tot Ion:180 Resp: 250666
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.9
 145 28.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 46.835 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion:225 Resp: 144524
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 63.2 32.3 96.9

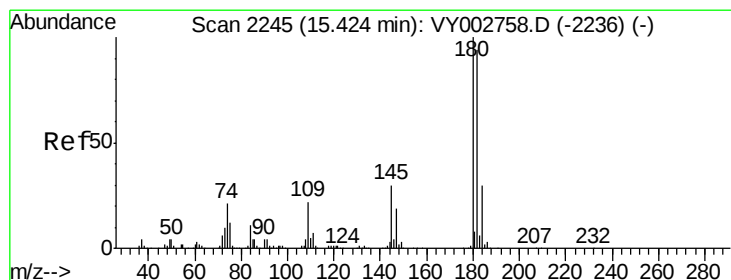
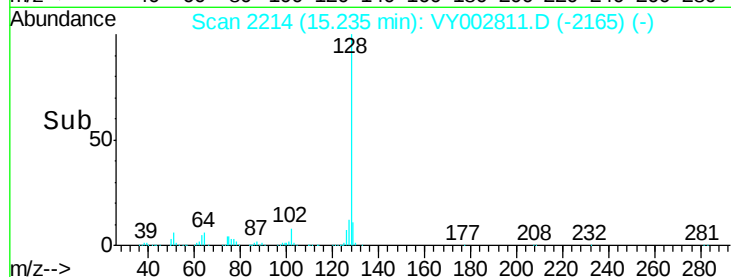
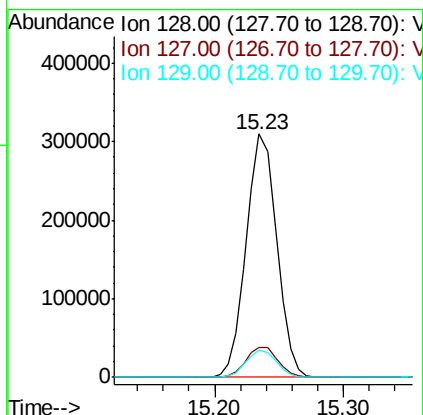
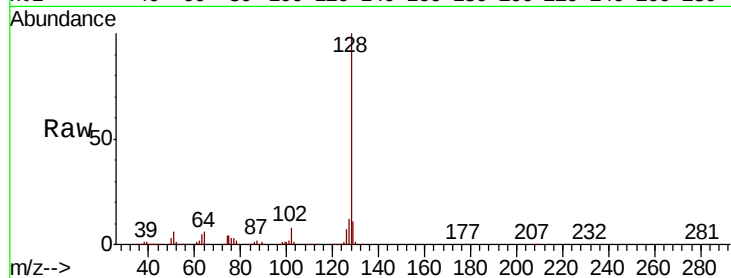




#95
Naphthalene
Concen: 46.538 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 507668
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.271 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion:180 Resp: 224804
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.4
145 30.1 15.1 45.3

