

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001825.D
 Acq On : 03 Mar 2020 11:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 04 03:37:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180124	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	322955	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	288203	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	135247	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	100106	51.67	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	103.34%	
35) Dibromofluoromethane	7.72	113	94905	51.31	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.62%	
50) Toluene-d8	10.18	98	390524	53.89	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.49	95	139539	49.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	86159	49.071	ug/l	100
3) Chloromethane	2.12	50	105413	44.636	ug/l	99
4) Vinyl Chloride	2.26	62	111634	46.866	ug/l	100
5) Bromomethane	2.65	94	69756	46.856	ug/l	97
6) Chloroethane	2.80	64	69754	47.522	ug/l	94
7) Trichlorofluoromethane	3.13	101	155666	51.061	ug/l	99
8) Diethyl Ether	3.54	74	60786	50.578	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	99724	52.043	ug/l	99
10) Methyl Iodide	4.10	142	117882	50.266	ug/l	99
11) Tert butyl alcohol	4.96	59	50898	224.143	ug/l	100
12) 1,1-Dichloroethene	3.88	96	96804	49.532	ug/l	98
13) Acrolein	3.74	56	49595	253.453	ug/l	99
14) Allyl chloride	4.49	41	180945	52.022	ug/l	98
15) Acrylonitrile	5.18	53	161388	261.982	ug/l	99
16) Acetone	3.96	43	170371	254.135	ug/l	100
17) Carbon Disulfide	4.20	76	297018	45.521	ug/l	99
18) Methyl Acetate	4.49	43	74308	50.898	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	275394	50.611	ug/l	99
20) Methylene Chloride	4.72	84	115208	48.381	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	109637	49.169	ug/l	100
22) Diisopropyl ether	6.13	45	364980	51.096	ug/l	99
23) Vinyl Acetate	6.07	43	1184561	254.236	ug/l	100
24) 1,1-Dichloroethane	6.03	63	197440	51.716	ug/l	100
25) 2-Butanone	7.00	43	230728	253.351	ug/l	99
26) 2,2-Dichloropropane	6.99	77	168336	50.680	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	122386	49.724	ug/l	98
28) Bromochloromethane	7.35	49	89822	56.480	ug/l	98
29) Tetrahydrofuran	7.35	42	138015	250.732	ug/l	99
30) Chloroform	7.52	83	185521	49.733	ug/l	97
31) Cyclohexane	7.79	56	194595	47.806	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	158129	50.436	ug/l	100
36) 1,1-Dichloropropene	7.92	75	152452	49.420	ug/l	99
37) Ethyl Acetate	7.08	43	91399	49.641	ug/l	100
38) Carbon Tetrachloride	7.91	117	135837	50.132	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001825.D
 Acq On : 03 Mar 2020 11:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 04 03:37:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	200557	49.005	ug/l	99
40) Benzene	8.17	78	455894	50.249	ug/l	99
41) Methacrylonitrile	7.35	41	123099	133.155	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	120861	48.898	ug/l	99
43) Isopropyl Acetate	8.28	43	173431	49.645	ug/l	98
44) Trichloroethene	8.94	130	111992	49.448	ug/l	96
45) 1,2-Dichloropropane	9.22	63	119039	52.390	ug/l	98
46) Dibromomethane	9.31	93	60353	50.784	ug/l	98
47) Bromodichloromethane	9.50	83	144734	50.461	ug/l	98
48) Methyl methacrylate	9.30	41	79216	50.139	ug/l	99
49) 1,4-Dioxane	9.30	88	16421	978.294	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	456616	254.399	ug/l	99
52) Toluene	10.25	92	283424	50.081	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	161637	50.976	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	187700	51.432	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	90076	51.402	ug/l	98
56) Ethyl methacrylate	10.51	69	134585	51.195	ug/l	100
57) 1,3-Dichloropropane	10.79	76	159203	51.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	243674	246.175	ug/l	99
59) 2-Hexanone	10.83	43	339608	252.173	ug/l	100
60) Dibromochloromethane	10.99	129	96389	49.890	ug/l	99
61) 1,2-Dibromoethane	11.09	107	84031	50.715	ug/l	97
64) Tetrachloroethene	10.72	164	88505	48.919	ug/l	99
65) Chlorobenzene	11.52	112	289207	50.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	99283	51.151	ug/l	100
67) Ethyl Benzene	11.60	91	546981	51.225	ug/l	100
68) m/p-Xylenes	11.70	106	405132	101.570	ug/l	99
69) o-Xylene	12.03	106	193653	51.068	ug/l	96
70) Styrene	12.05	104	336547	51.067	ug/l	100
71) Bromoform	12.21	173	54775	49.381	ug/l #	99
73) Isopropylbenzene	12.33	105	522268	50.689	ug/l	100
74) N-amyl acetate	12.14	43	161717	49.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	114294	51.952	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	147727	95.218	ug/l #	100
77) Bromobenzene	12.61	156	110959	49.678	ug/l	99
78) n-propylbenzene	12.67	91	645560	51.445	ug/l	100
79) 2-Chlorotoluene	12.76	91	356170	50.606	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	434722	50.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	41497	50.744	ug/l	99
82) 4-Chlorotoluene	12.86	91	376861	50.769	ug/l	100
83) tert-Butylbenzene	13.08	119	362990	50.887	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	427025	50.220	ug/l	99
85) sec-Butylbenzene	13.25	105	541822	51.645	ug/l	100
86) p-Isopropyltoluene	13.37	119	459275	50.392	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	216381	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	217016	49.561	ug/l	99
89) n-Butylbenzene	13.70	91	475733	51.083	ug/l	100
90) Hexachloroethane	13.96	117	87203	50.783	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	198153	49.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18137	49.954	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
Data File : VY001825.D
Acq On : 03 Mar 2020 11:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Mar 04 03:37:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

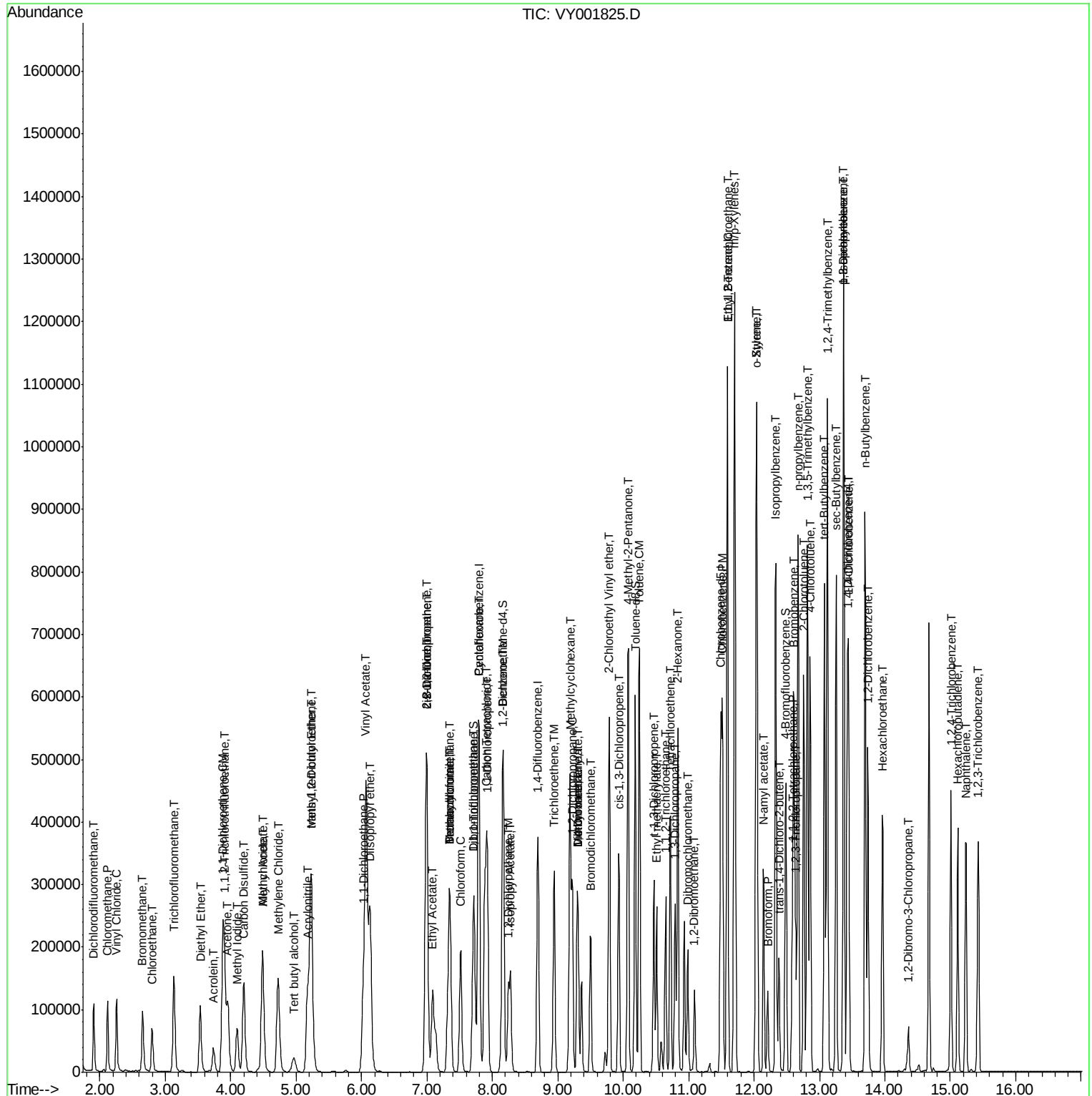
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128770	48.608	ug/l	99
94) Hexachlorobutadiene	15.11	225	62245	47.245	ug/l	98
95) Naphthalene	15.23	128	304046	49.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	114118	48.964	ug/l	99

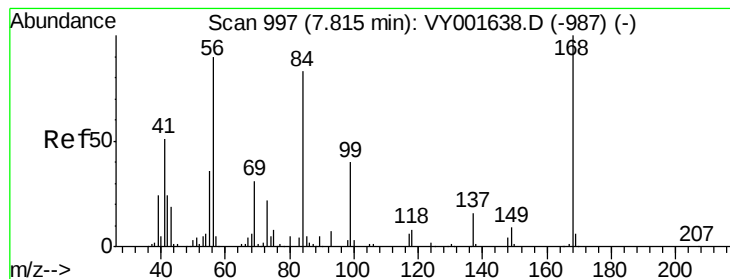
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
Data File : VY001825.D
Acq On : 03 Mar 2020 11:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Mar 04 03:37:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

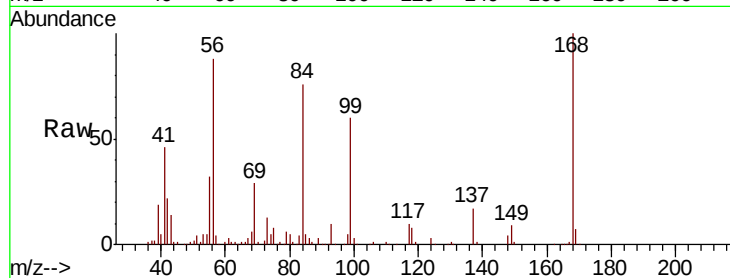
VSTDCCC050

Tot Ion:168 Resp: 180124

Ion Ratio Lower Upper

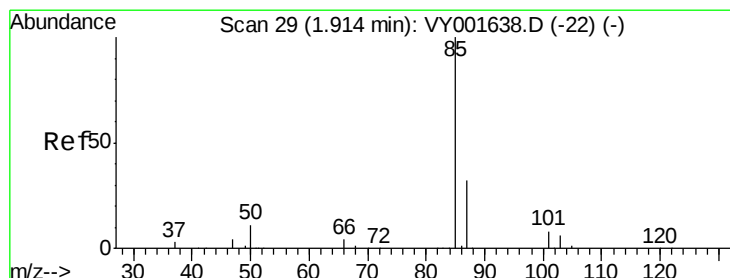
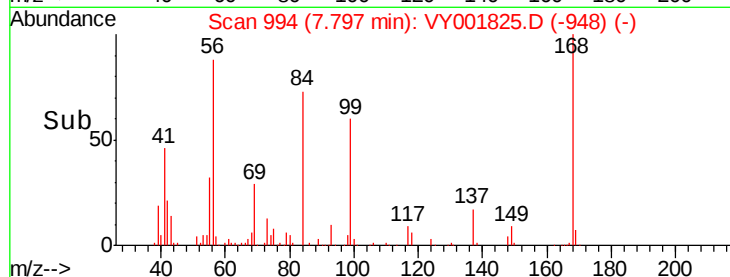
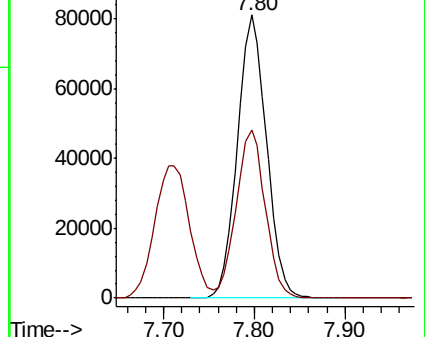
168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 49.071 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001825.D

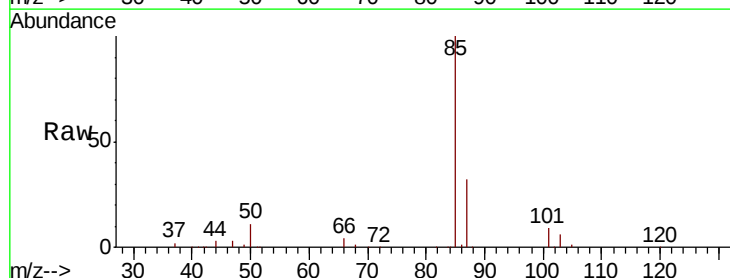
Acq: 03 Mar 2020 11:16

Tgt Ion: 85 Resp: 86159

Ion Ratio Lower Upper

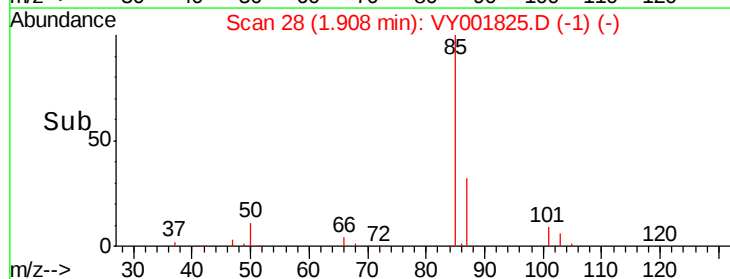
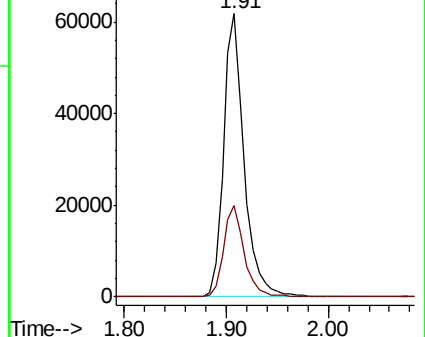
85 100

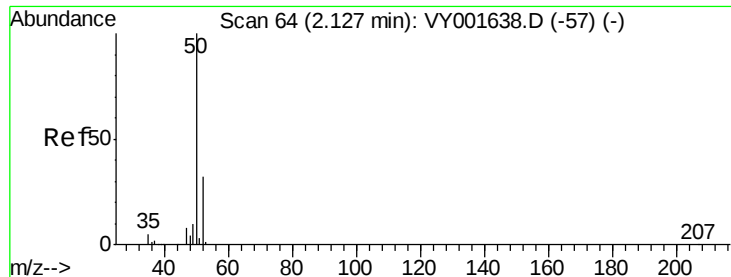
87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)





#3

Chloromethane

Concen: 44.636 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

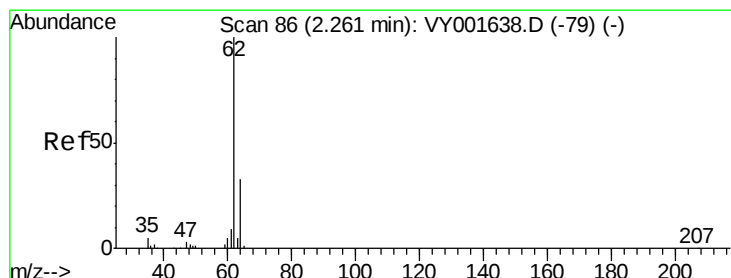
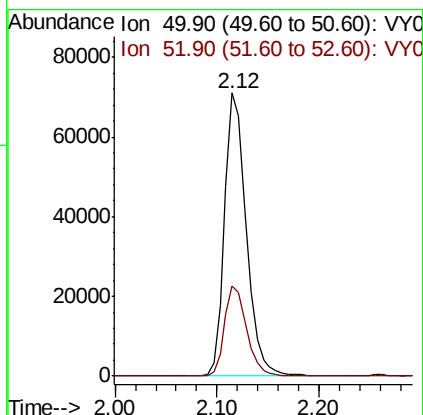
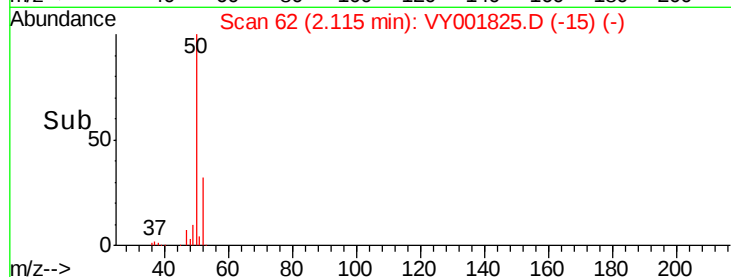
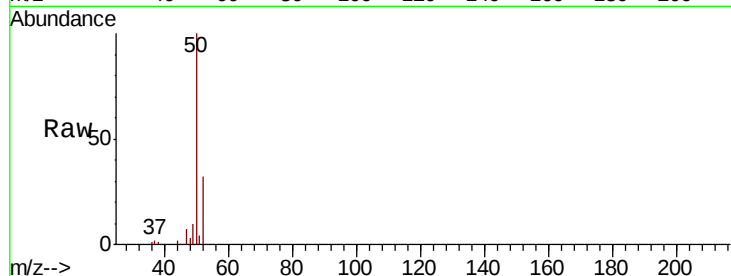
VSTDCCC050

Tot Ion: 50 Resp: 105413

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



#4

Vinyl Chloride

Concen: 46.866 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001825.D

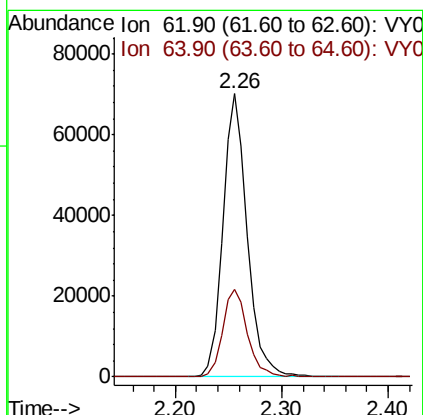
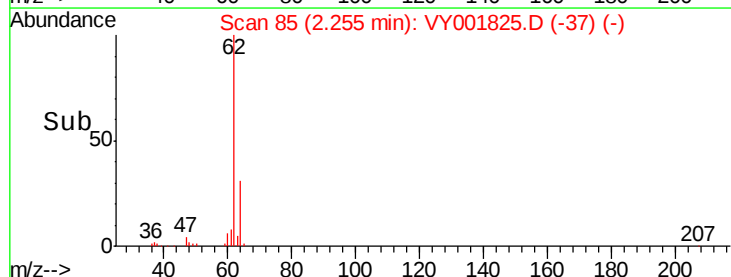
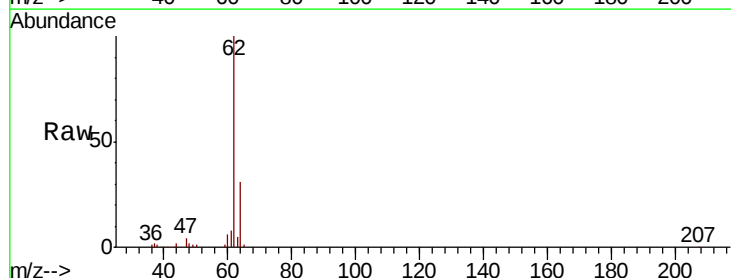
Acq: 03 Mar 2020 11:16

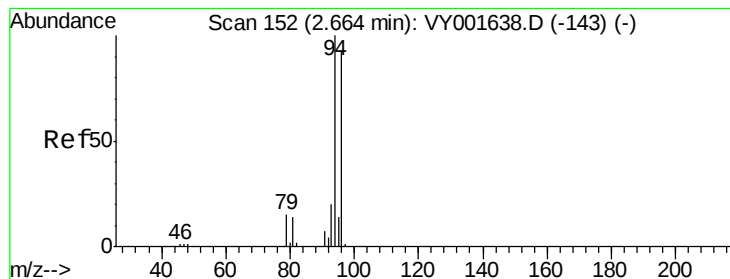
Tgt Ion: 62 Resp: 111634

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 46.856 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

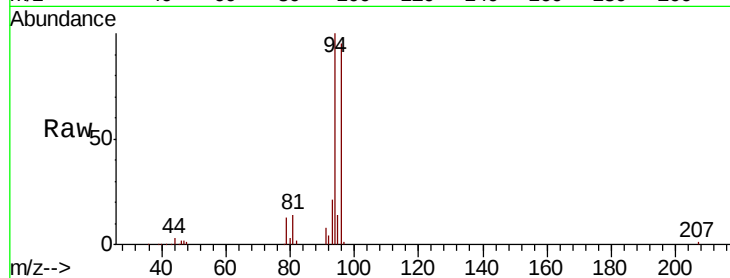
VSTDCCC050

Tot Ion: 94 Resp: 69756

Ion Ratio Lower Upper

94 100

96 94.9 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

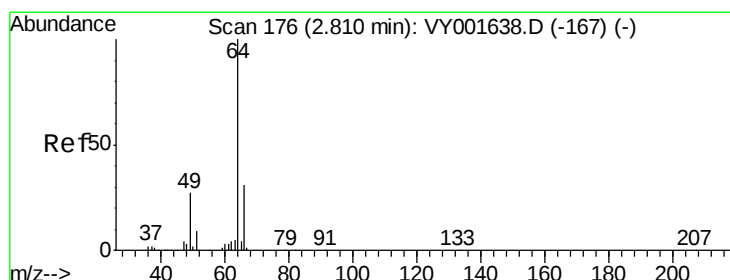
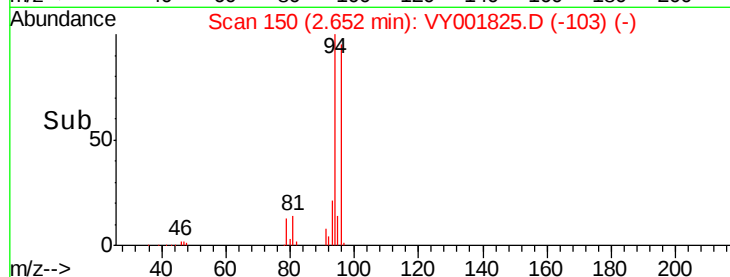
20000

10000

0

Time-->

2.60 2.70



#6

Chloroethane

Concen: 47.522 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001825.D

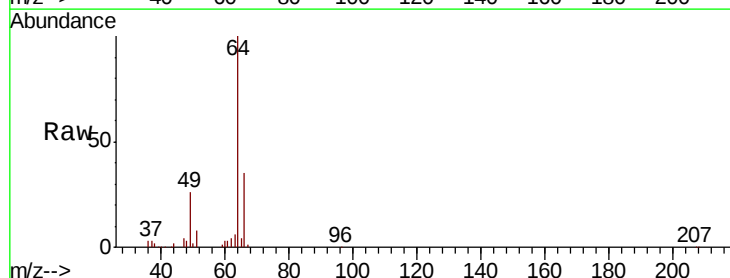
Acq: 03 Mar 2020 11:16

Tgt Ion: 64 Resp: 69754

Ion Ratio Lower Upper

64 100

66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

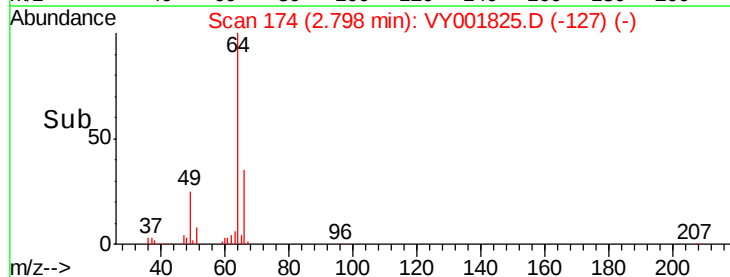
20000

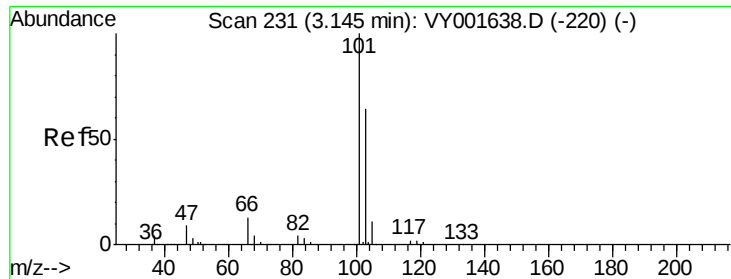
10000

0

Time-->

2.70 2.80 2.90



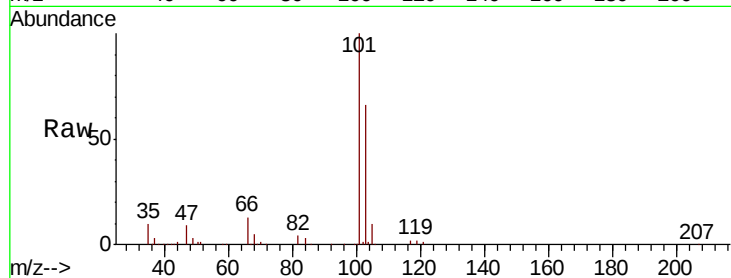


#7

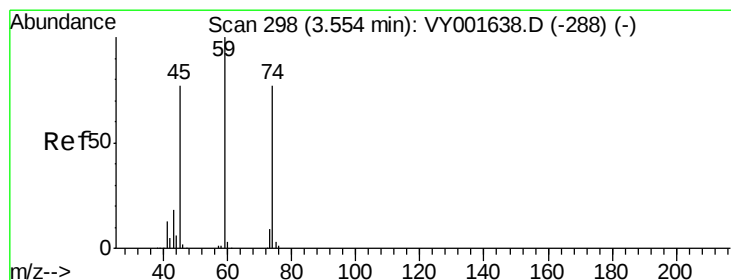
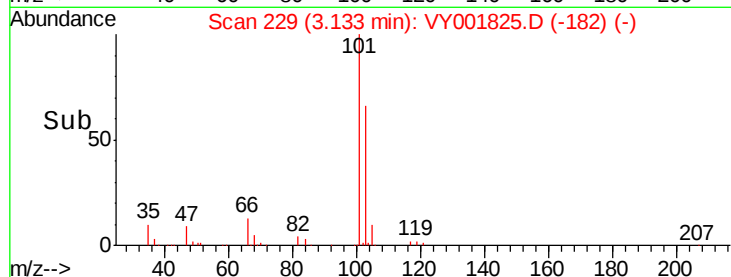
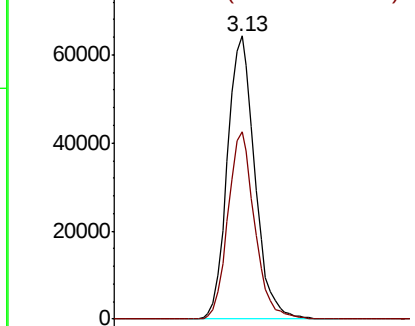
Trichlorofluoromethane
 Concen: 51.061 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 155666
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.2 78.2



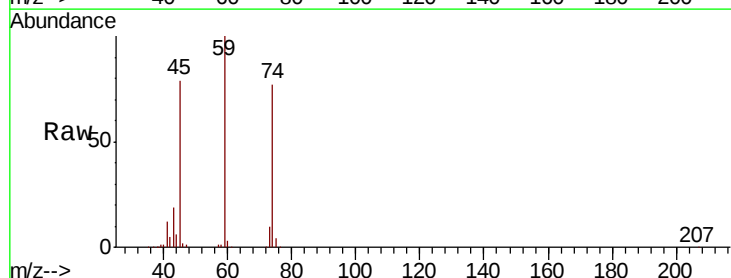
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



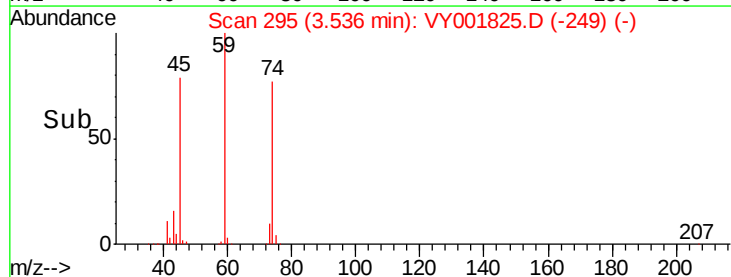
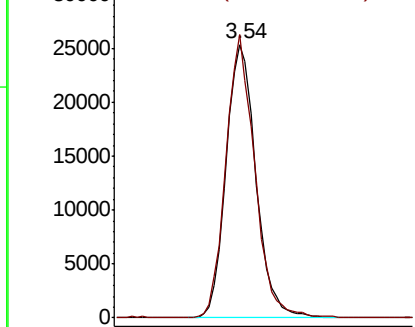
#8

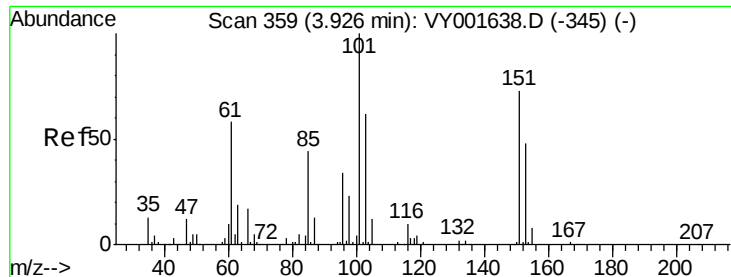
Diethyl Ether
 Concen: 50.578 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 74 Resp: 60786
 Ion Ratio Lower Upper
 74 100
 45 100.1 49.6 148.8



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.043 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

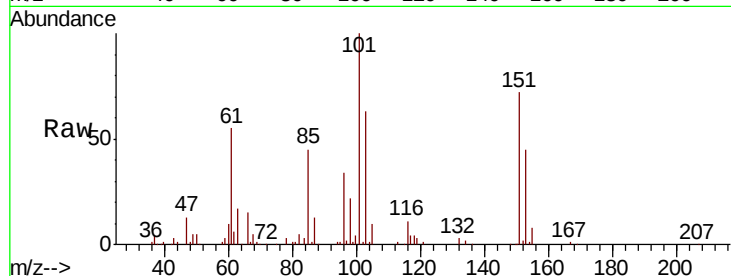
Tot Ion:101 Resp: 99724

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

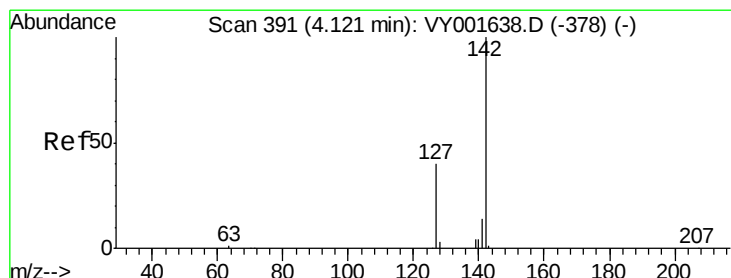
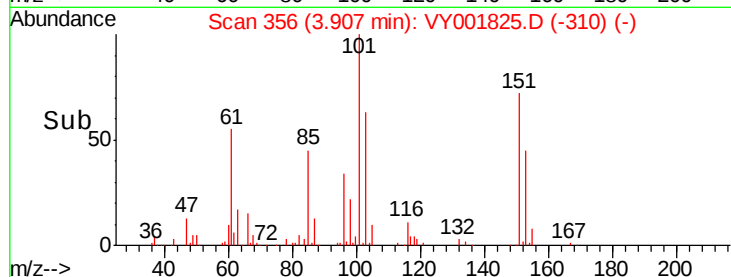
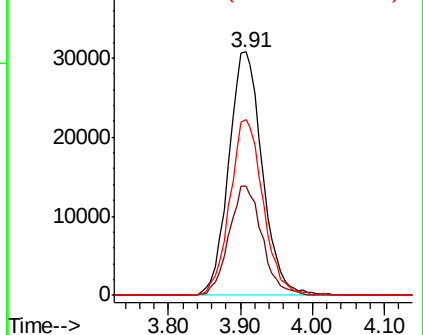
151 71.4 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.266 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

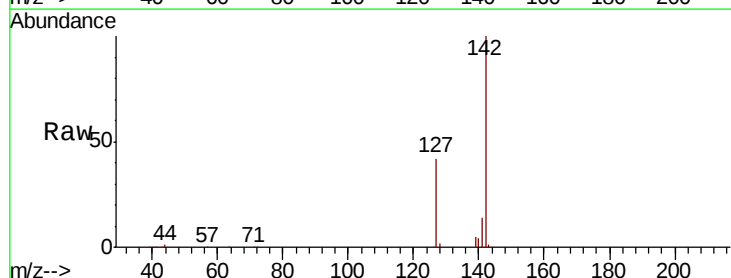
Tgt Ion:142 Resp: 117882

Ion Ratio Lower Upper

142 100

127 40.4 32.1 48.1

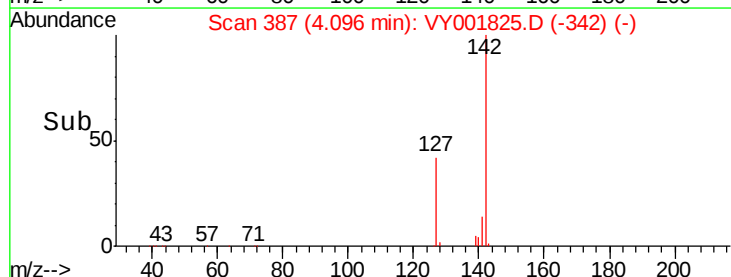
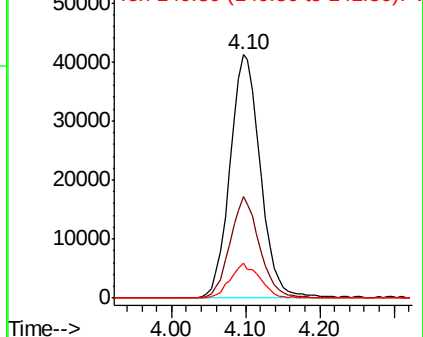
141 13.9 11.3 16.9

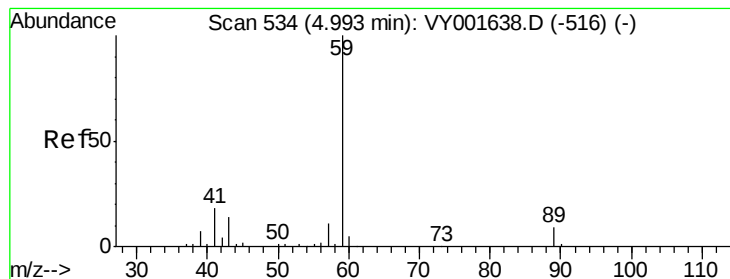


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



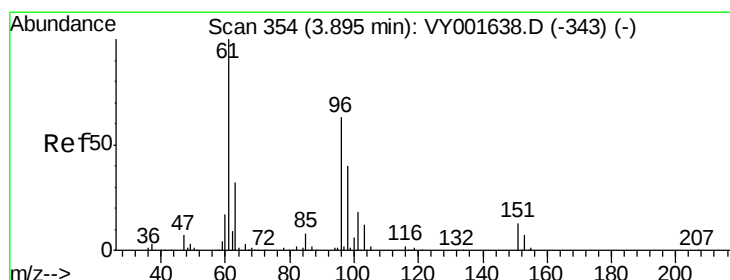
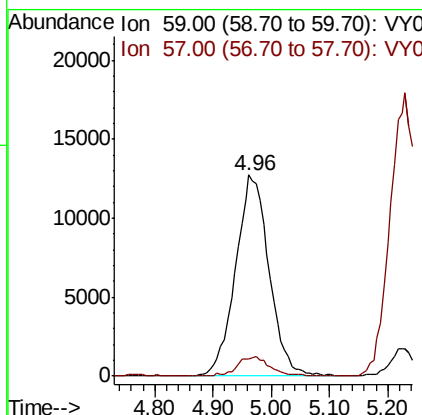
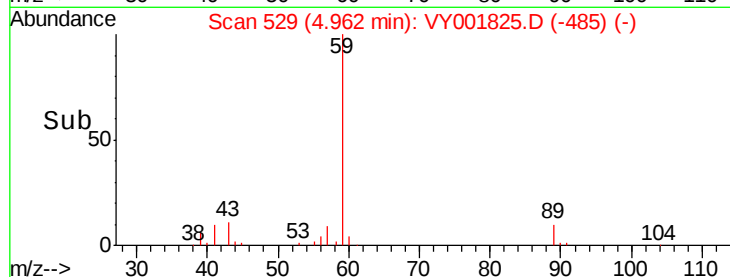
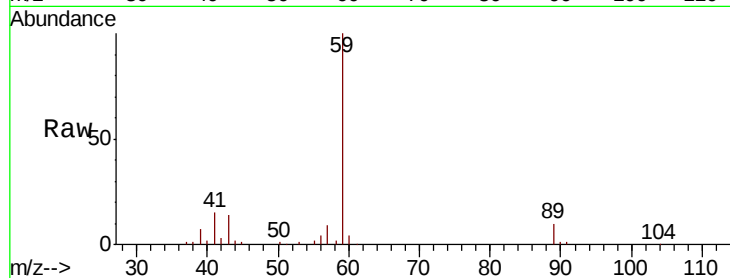


#11

Tert butyl alcohol
 Concen: 224.143 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

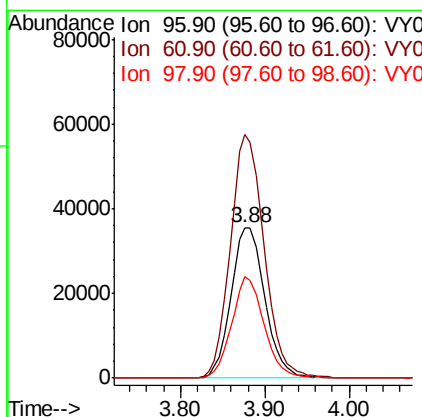
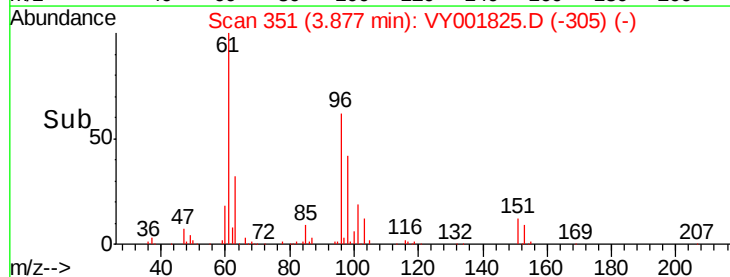
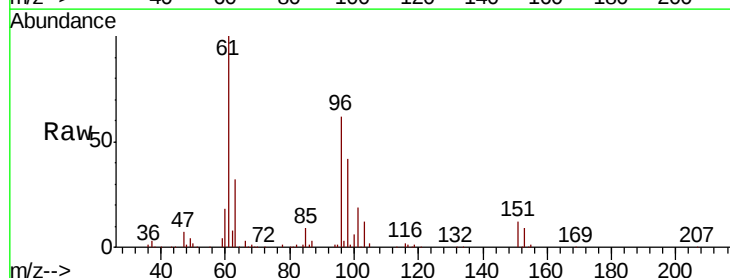
Tot Ion: 59 Resp: 50898
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.4 11.2

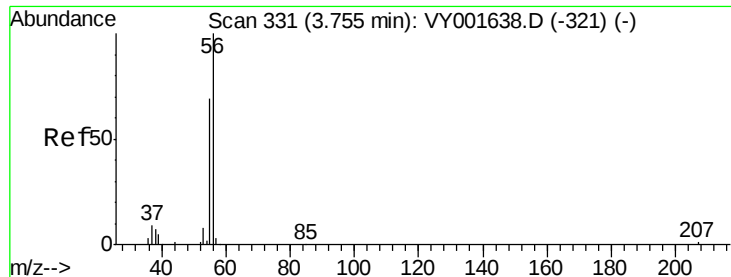


#12

1,1-Dichloroethene
 Concen: 49.532 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 96 Resp: 96804
 Ion Ratio Lower Upper
 96 100
 61 161.9 128.7 193.1
 98 67.8 50.7 76.1





#13

Acrolein

Concen: 253.453 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

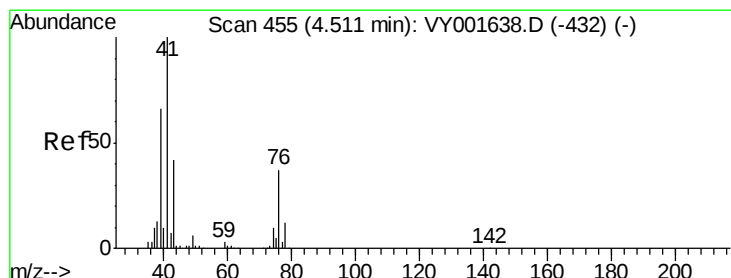
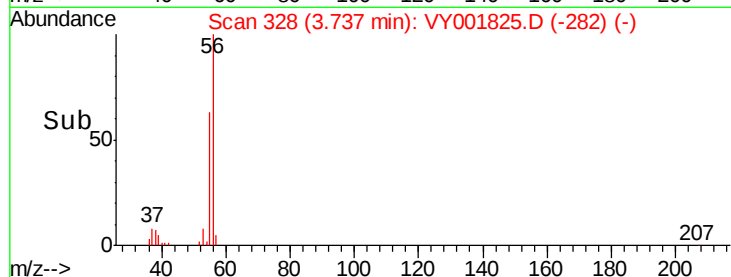
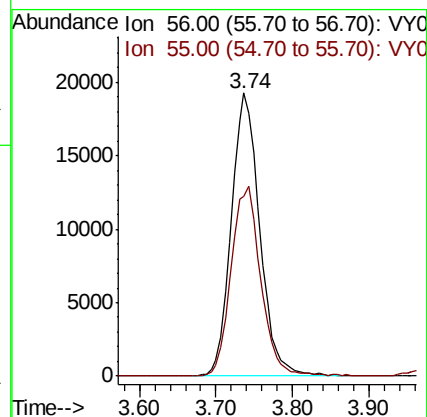
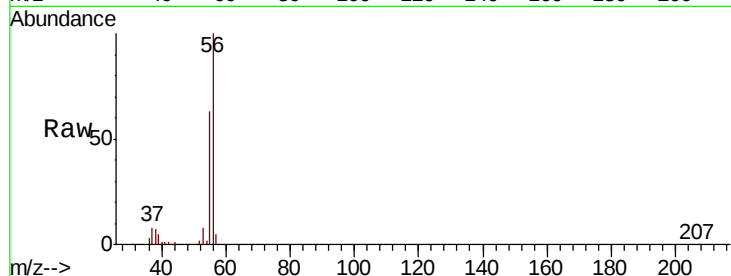
VSTDCCC050

Tot Ion: 56 Resp: 49595

Ion Ratio Lower Upper

56 100

55 69.5 56.1 84.1



#14

Allyl chloride

Concen: 52.022 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

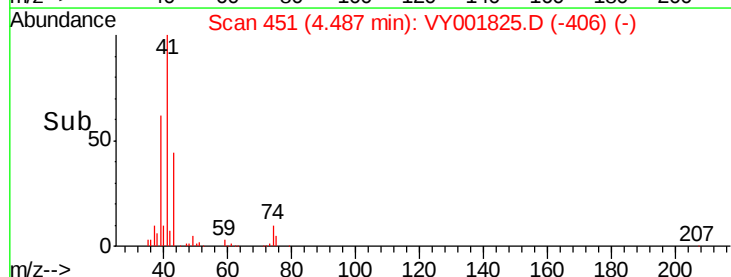
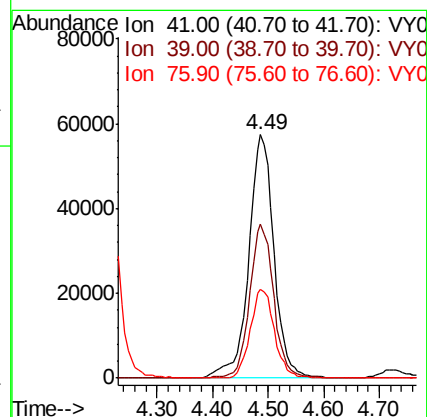
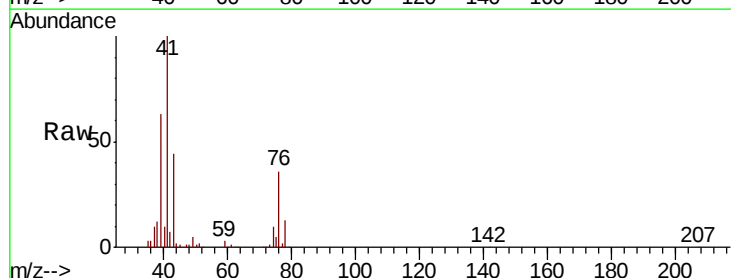
Tgt Ion: 41 Resp: 180945

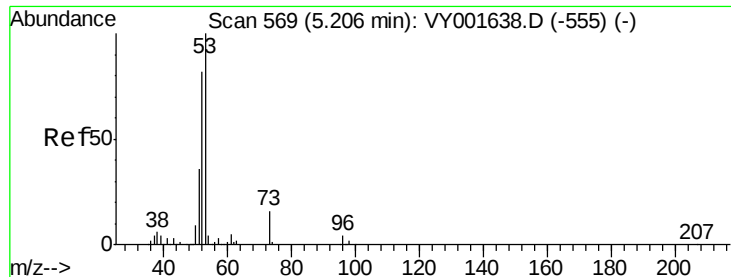
Ion Ratio Lower Upper

41 100

39 60.3 49.4 74.0

76 34.9 29.0 43.6





#15

Acrylonitrile

Concen: 261.982 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.03 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

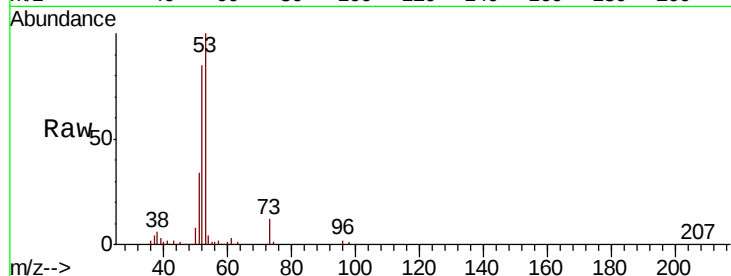
Tot Ion: 53 Resp: 161388

Ion Ratio Lower Upper

53 100

52 82.2 65.4 98.0

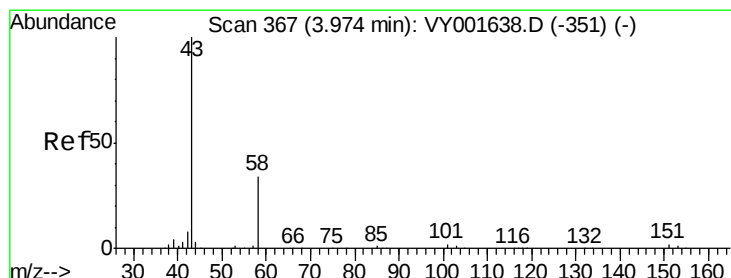
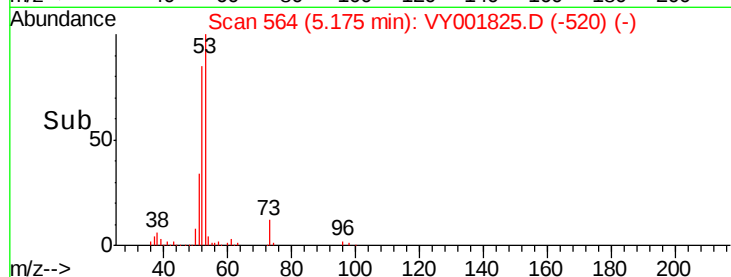
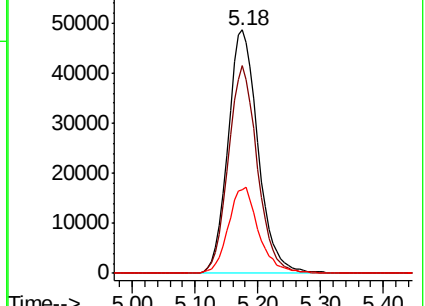
51 35.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 254.135 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001825.D

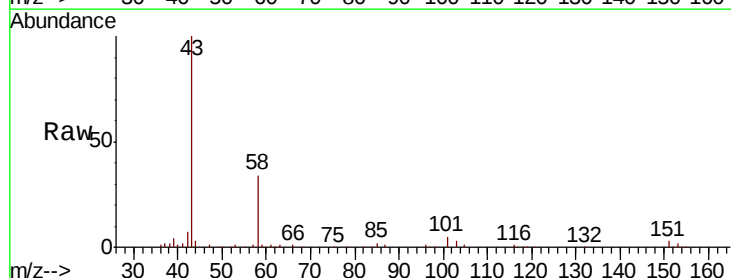
Acq: 03 Mar 2020 11:16

Tgt Ion: 43 Resp: 170371

Ion Ratio Lower Upper

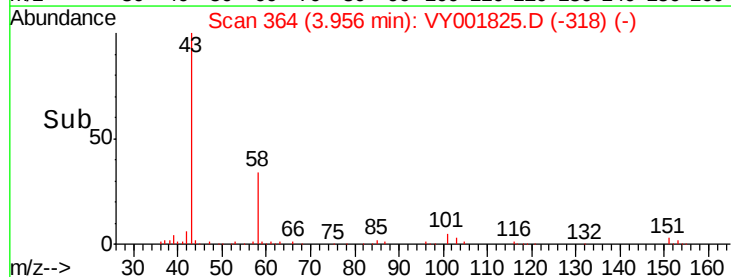
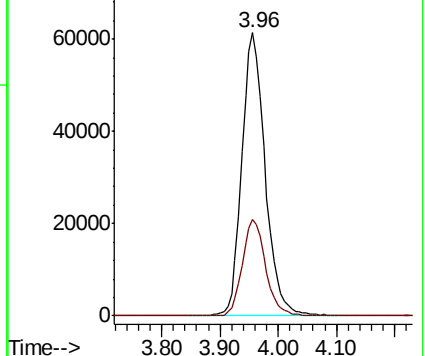
43 100

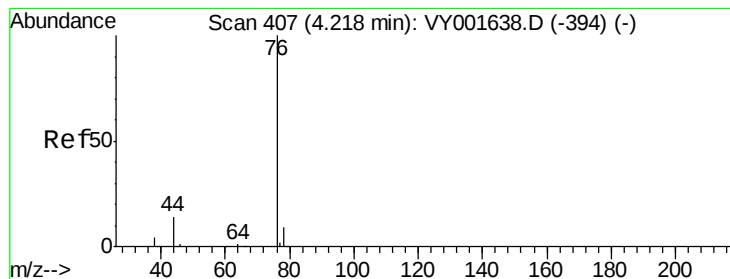
58 33.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 45.521 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

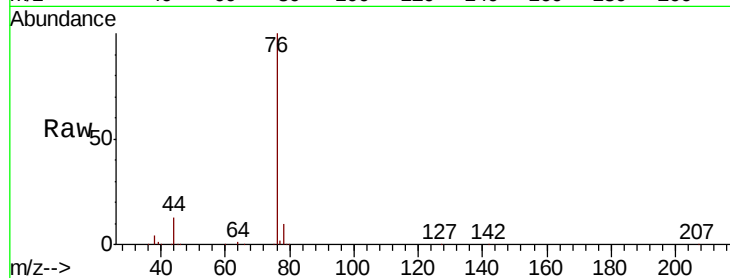
VSTDCCC050

Tot Ion: 76 Resp: 297018

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

120000

100000

80000

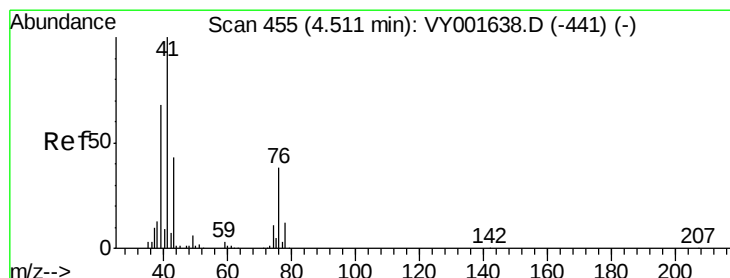
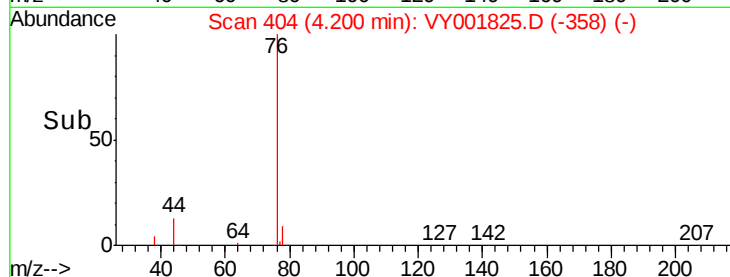
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.898 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001825.D

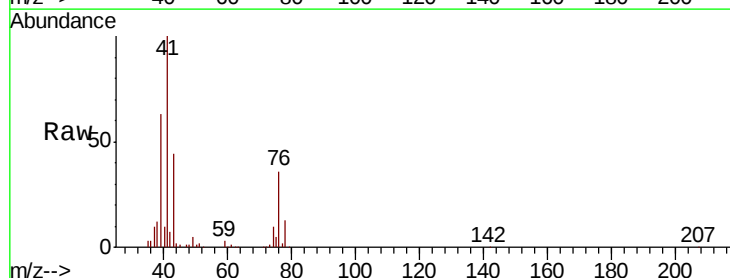
Acq: 03 Mar 2020 11:16

Tgt Ion: 43 Resp: 74308

Ion Ratio Lower Upper

43 100

74 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

30000

25000

20000

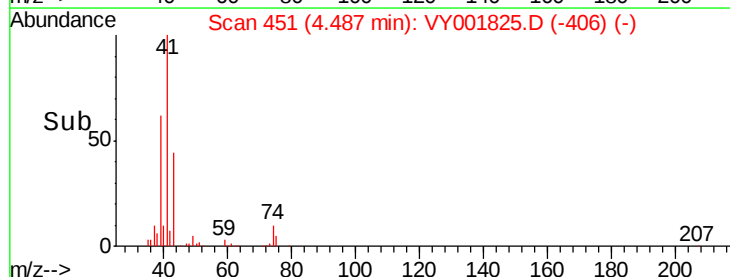
15000

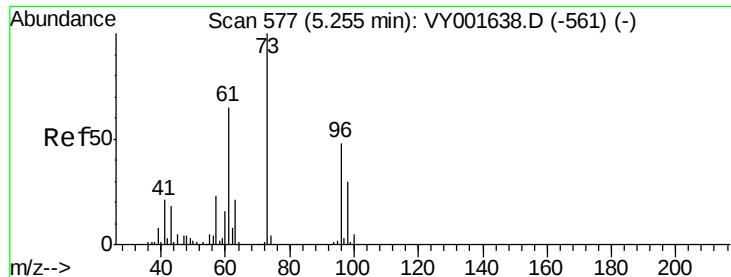
10000

5000

0

Time-->

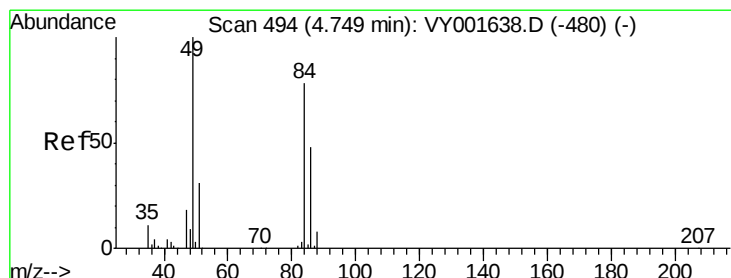
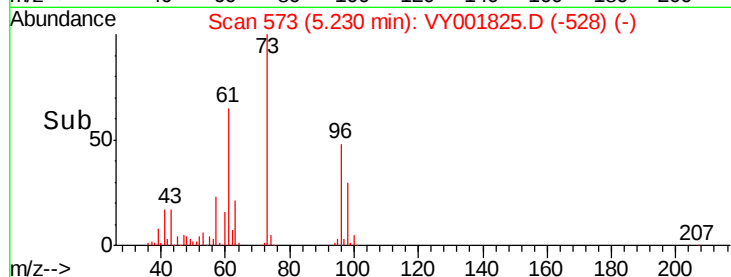
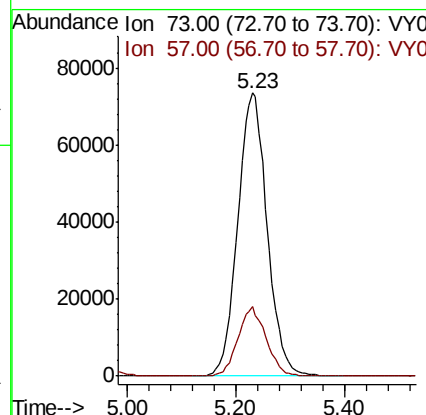
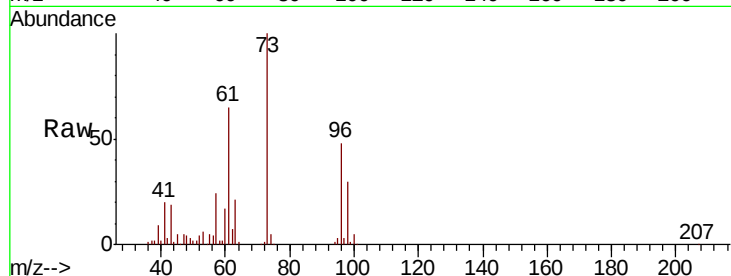




#19
Methvl tert-butvl Ether
Concen: 50.611 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

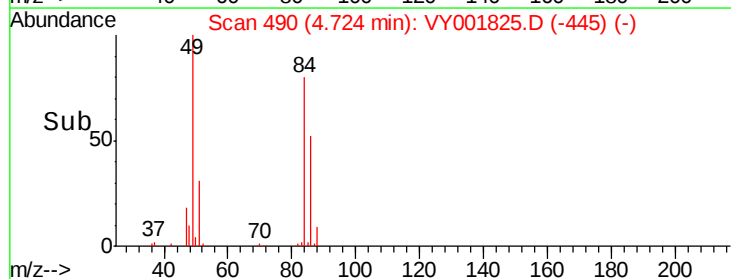
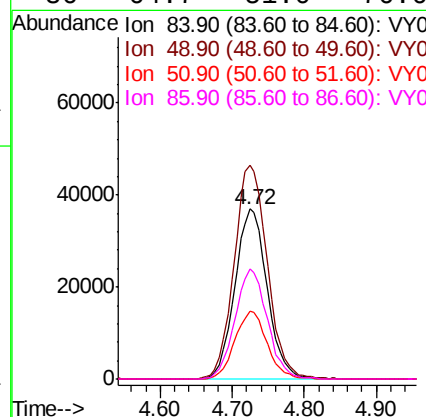
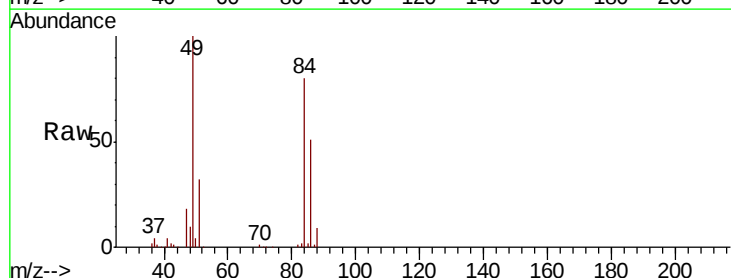
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

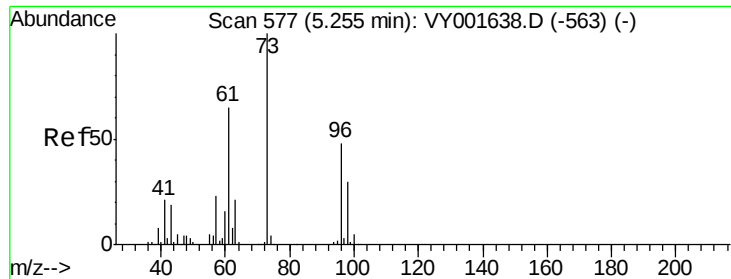
Tot Ion: 73 Resp: 275394
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.6



#20
Methylene Chloride
Concen: 48.381 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 84 Resp: 115208
Ion Ratio Lower Upper
84 100
49 125.8 99.2 148.8
51 39.7 31.5 47.3
86 64.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.169 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

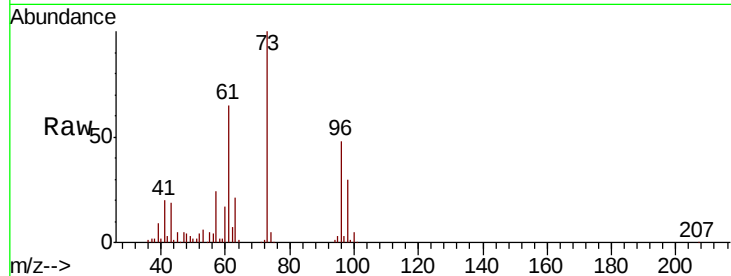
Tot Ion: 96 Resp: 109637

Ion Ratio Lower Upper

96 100

61 135.0 107.9 161.9

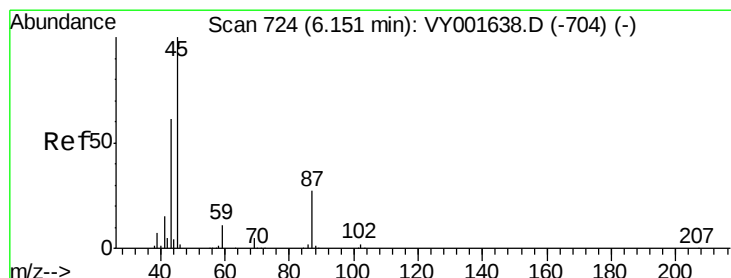
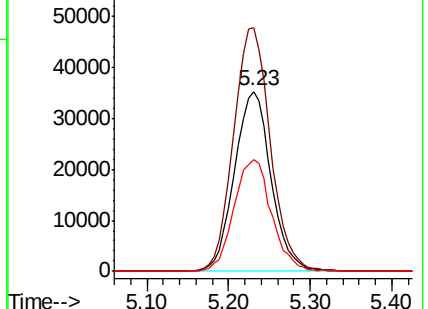
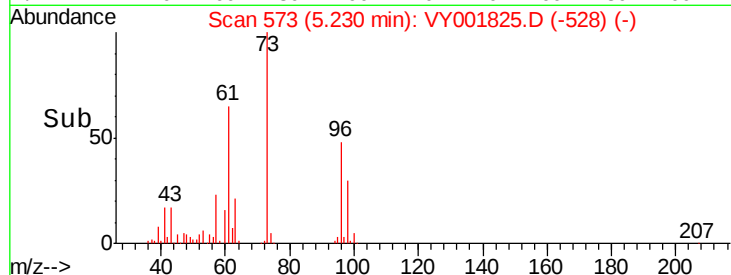
98 62.0 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001825.D (-528) (-)

Ion 60.90 (60.60 to 61.60): VY001825.D (-528) (-)

Ion 97.90 (97.60 to 98.60): VY001825.D (-528) (-)



#22

Diisopropyl ether

Concen: 51.096 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Tgt Ion: 45 Resp: 364980

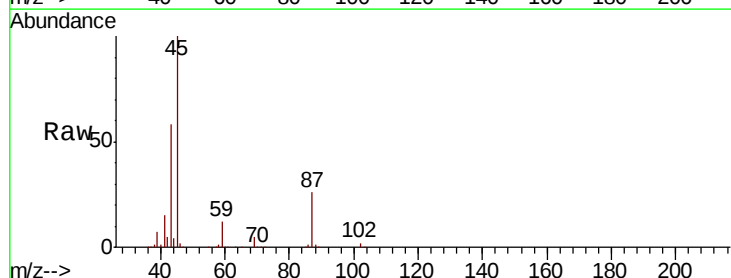
Ion Ratio Lower Upper

45 100

43 57.4 46.4 69.6

87 26.1 22.1 33.1

59 11.6 9.4 14.0

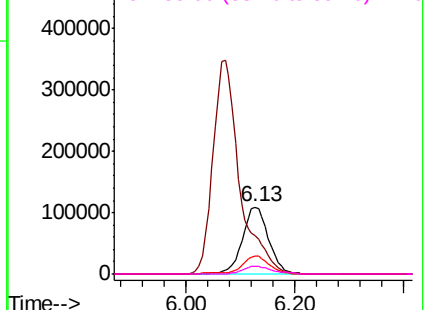
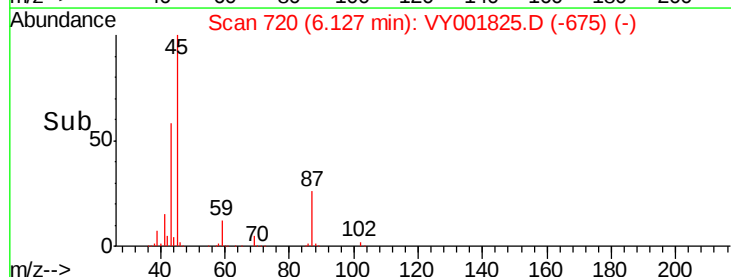


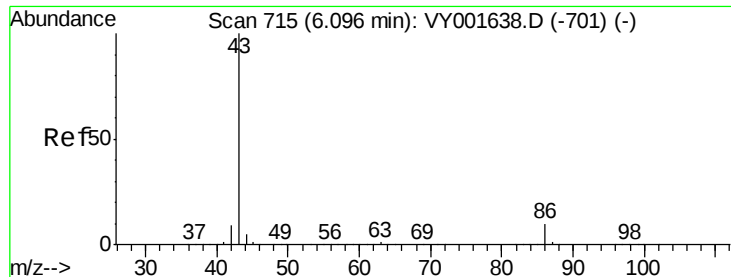
Abundance Ion 45.00 (44.70 to 45.70): VY001825.D (-675) (-)

Ion 43.00 (42.70 to 43.70): VY001825.D (-675) (-)

Ion 87.00 (86.70 to 87.70): VY001825.D (-675) (-)

Ion 59.00 (58.70 to 59.70): VY001825.D (-675) (-)





#23

Vinyl Acetate

Concen: 254.236 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

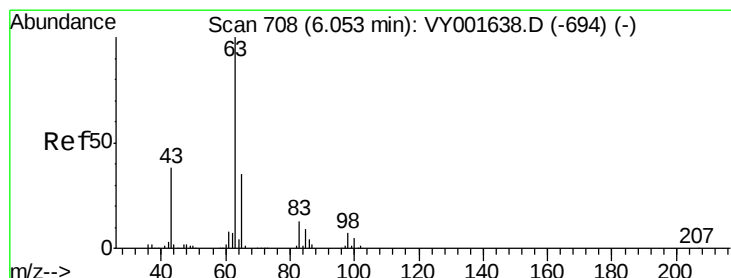
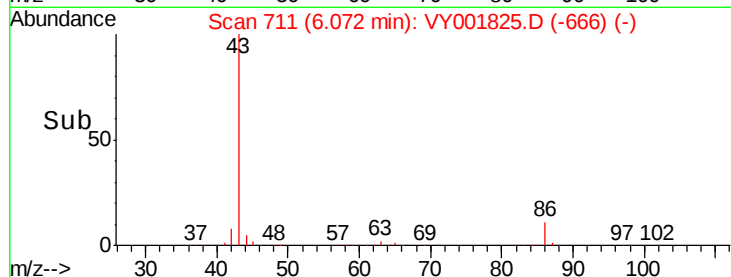
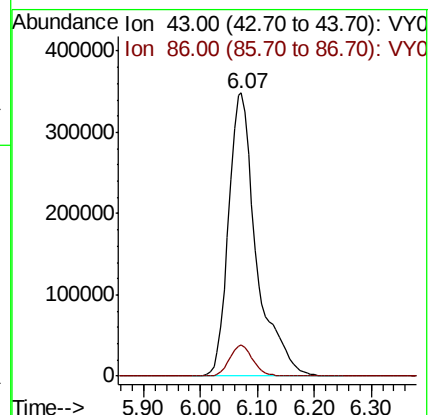
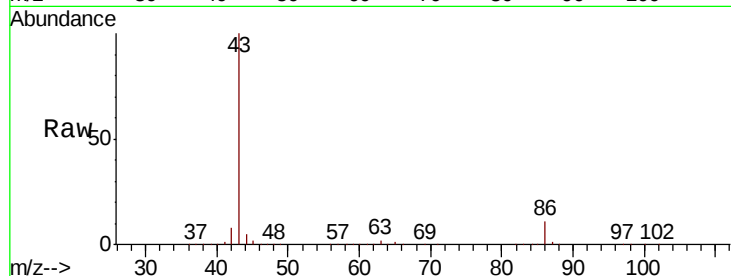
VSTDCCC050

Tot Ion: 43 Resp: 1184561

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



#24

1,1-Dichloroethane

Concen: 51.716 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

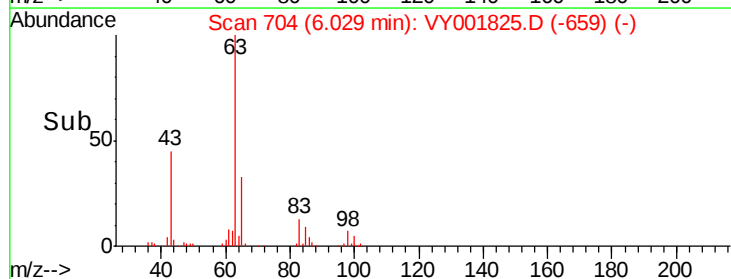
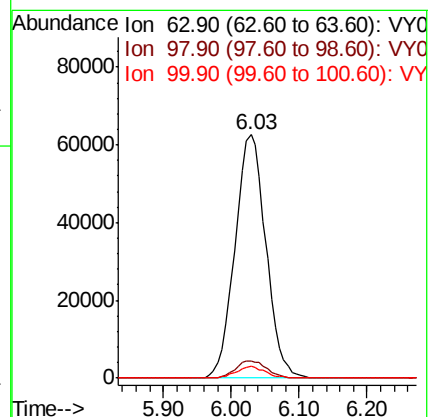
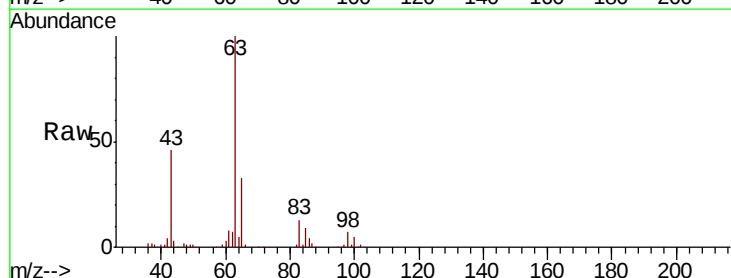
Tgt Ion: 63 Resp: 197440

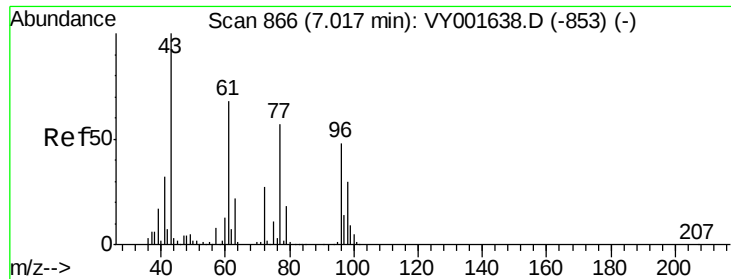
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.8 2.3 6.9

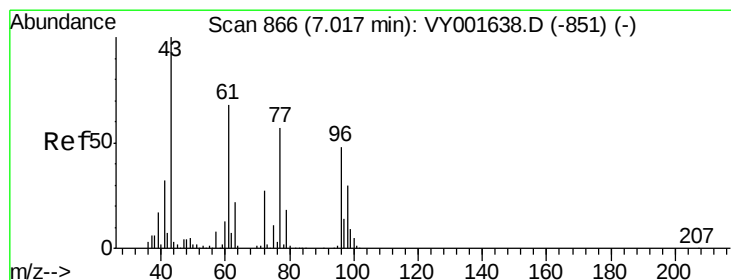
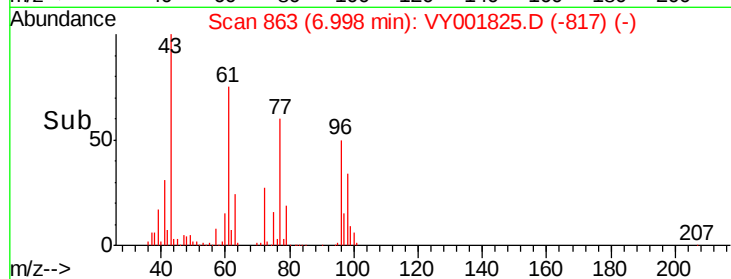
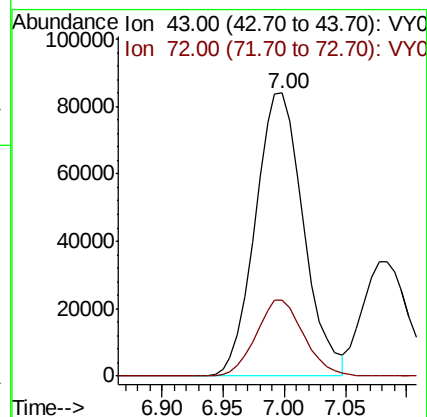
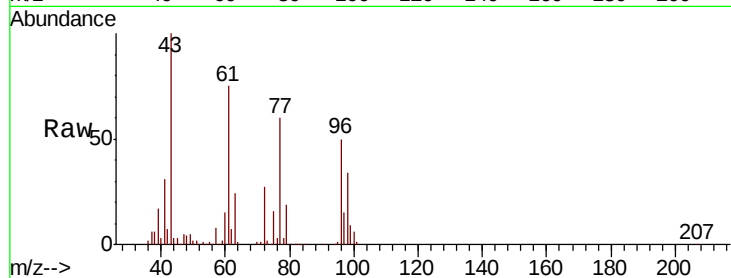




#25
2-Butanone
Concen: 253.351 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

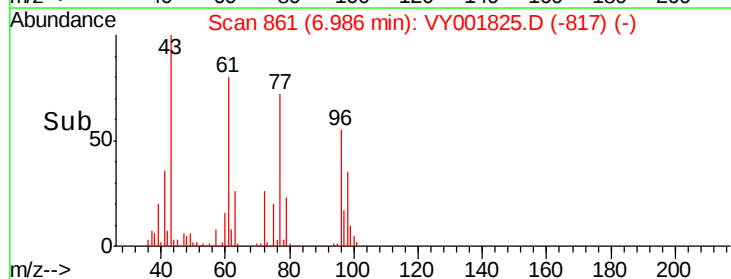
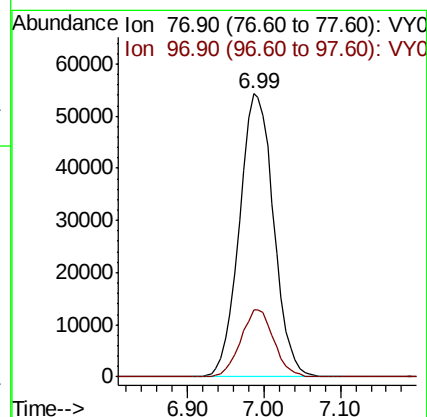
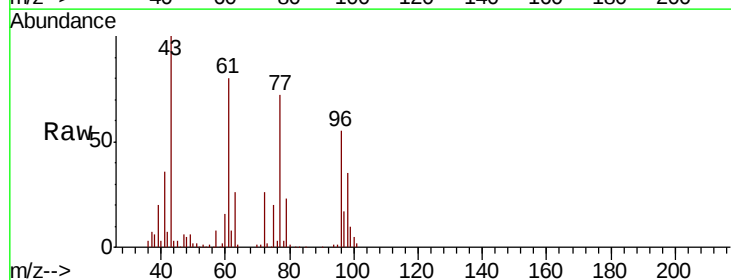
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

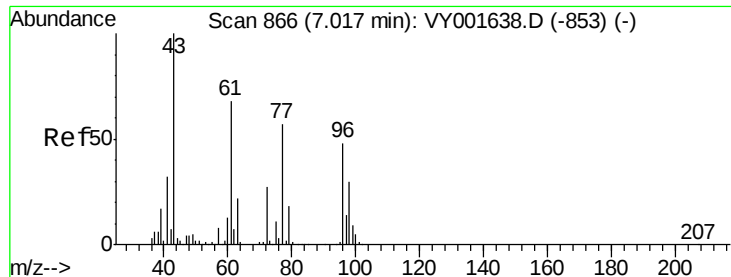
Tot Ion: 43 Resp: 230728
Ion Ratio Lower Upper
43 100
72 27.0 21.2 31.8



#26
2,2-Dichloropropane
Concen: 50.680 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.03 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 77 Resp: 168336
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4



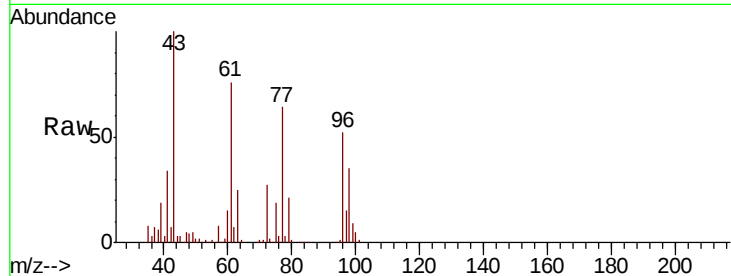


#27

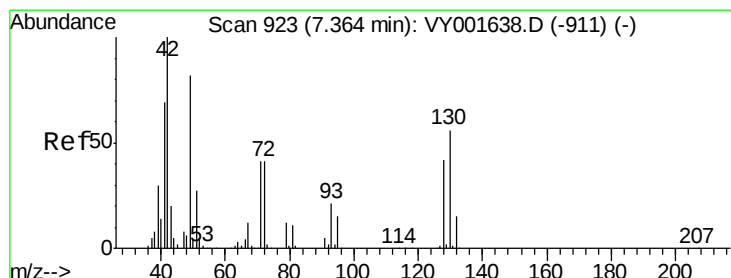
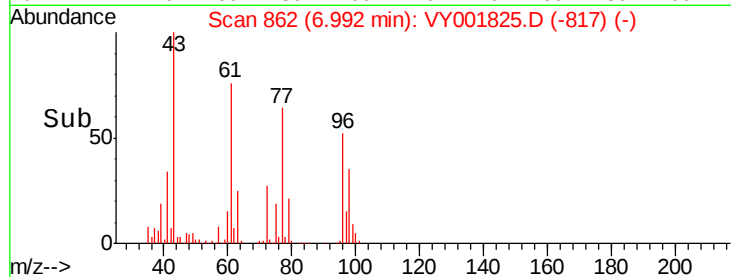
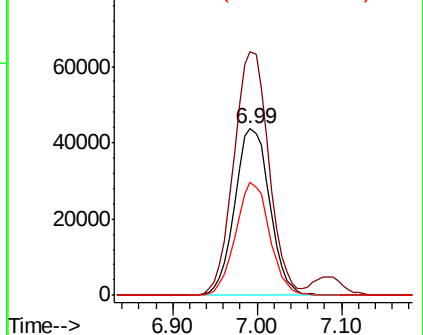
cis-1,2-Dichloroethene
Concen: 49.724 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	290.8
98	66.0	0.0	128.6



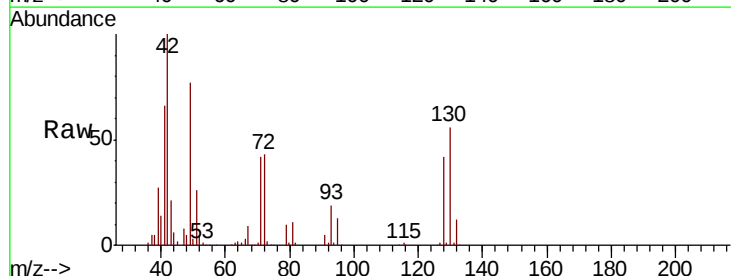
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



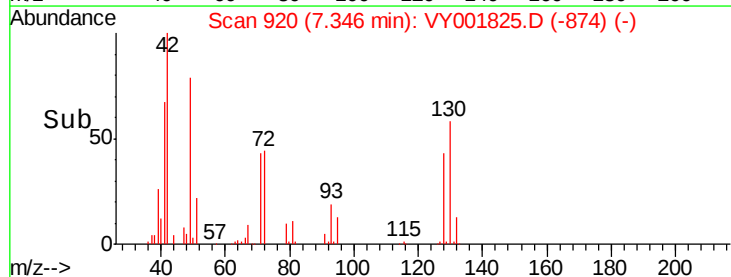
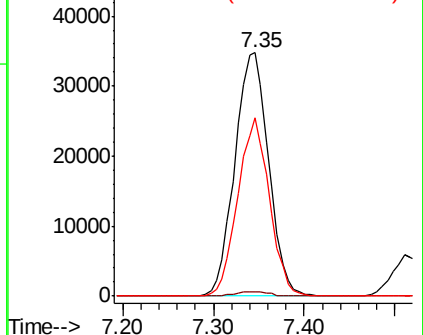
#28

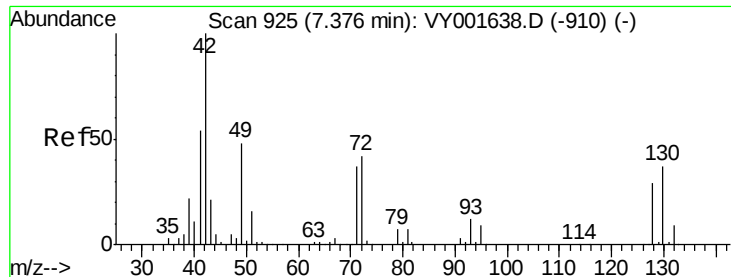
Bromochloromethane
Concen: 56.480 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	68.5	56.2	84.4



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

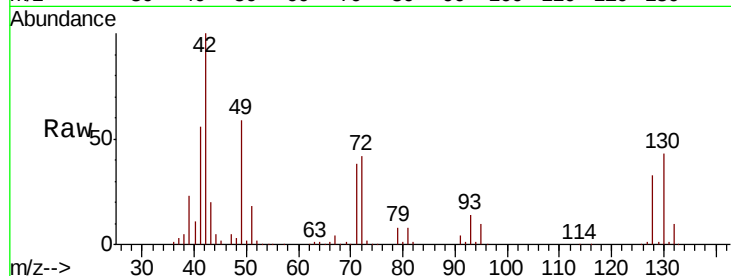




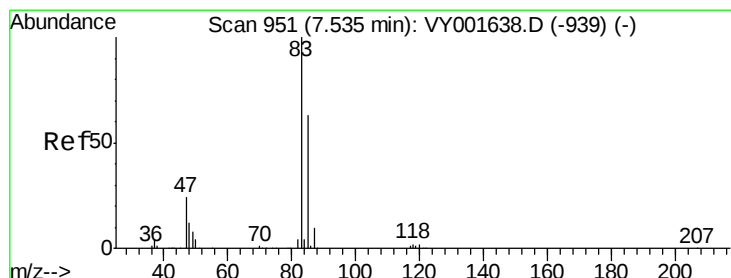
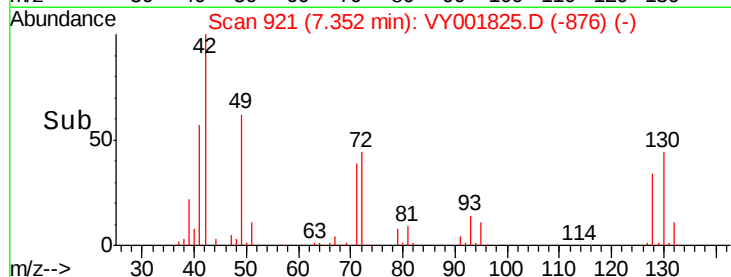
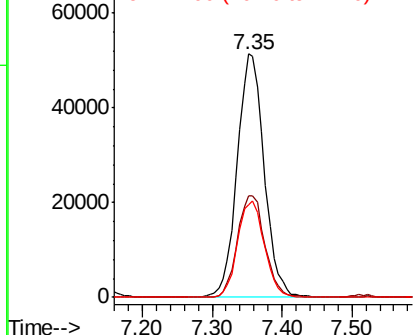
#29
Tetrahydrofuran
Concen: 250.732 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.4	51.6
71	39.2	31.8	47.8

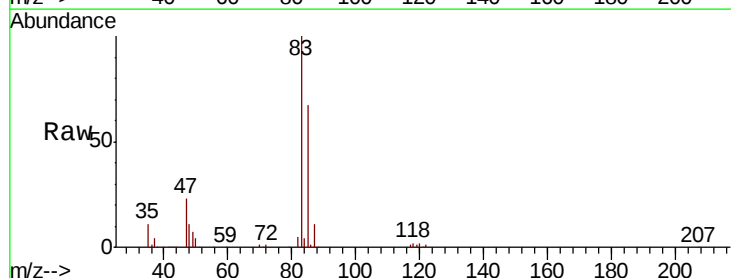


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

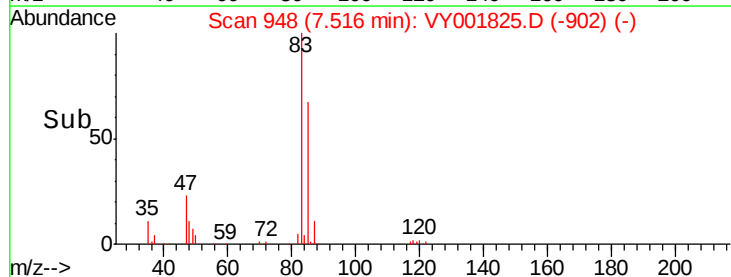
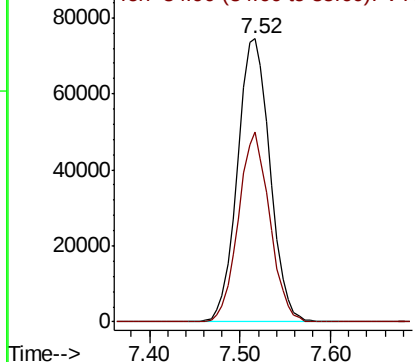


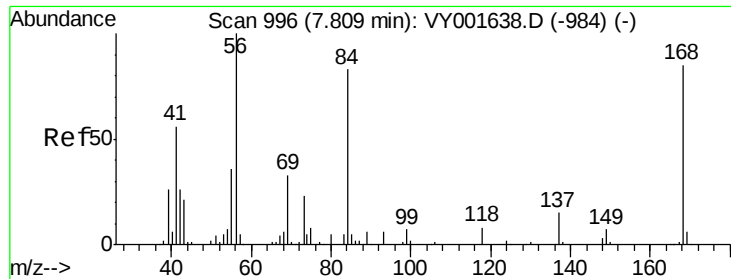
#30
Chloroform
Concen: 49.733 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.6	77.4



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

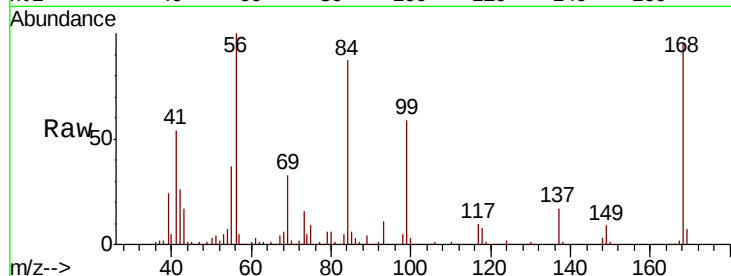




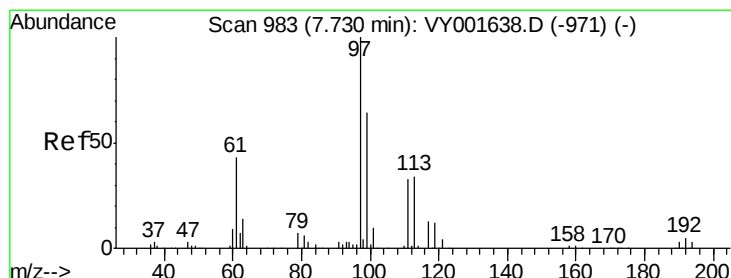
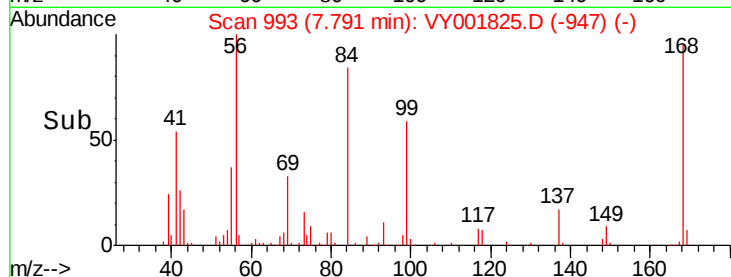
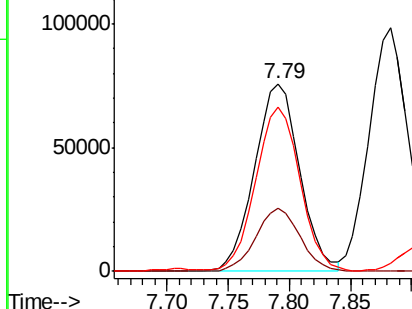
#31
Cyclohexane
Concen: 47.806 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 194595
Ion Ratio Lower Upper
56 100
69 33.3 25.1 37.7
84 86.0 66.9 100.3

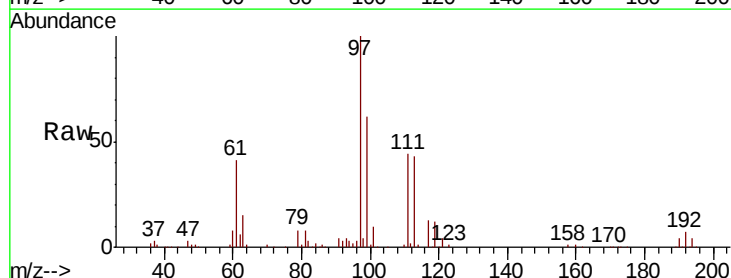


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

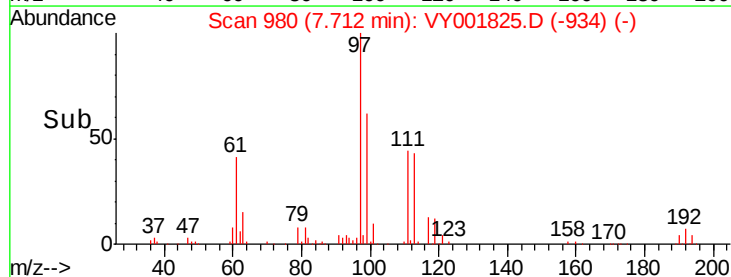
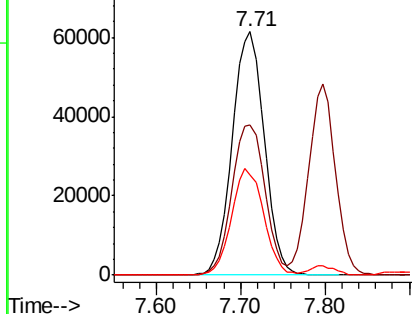


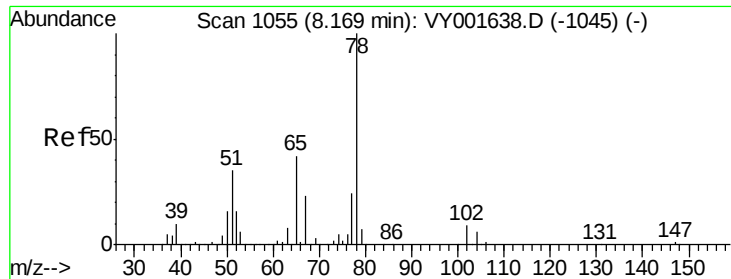
#32
1,1,1-Trichloroethane
Concen: 50.436 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 97 Resp: 158129
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.0 35.0 52.6



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

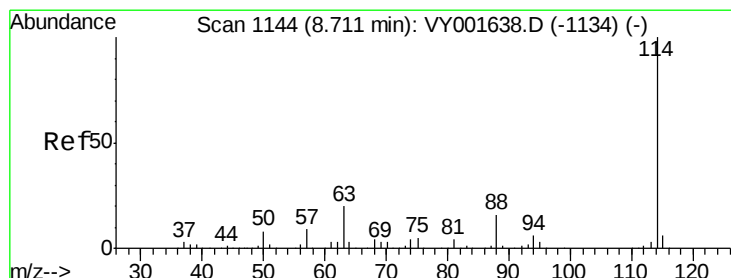
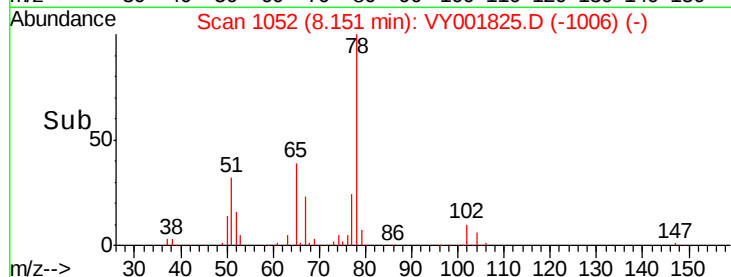
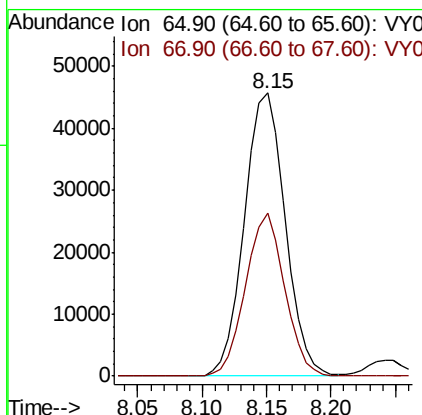
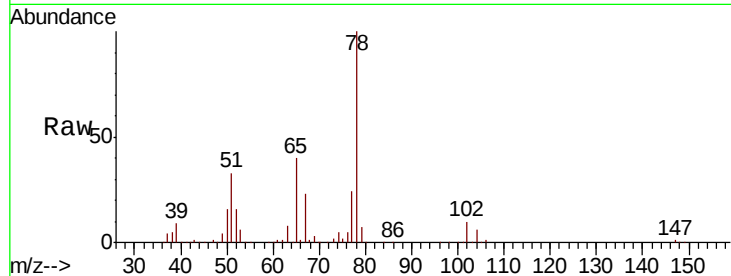




#33
 1,2-Dichloroethane-d4
 Concen: 51.668 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

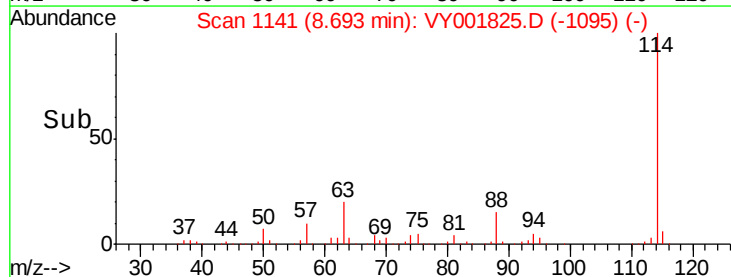
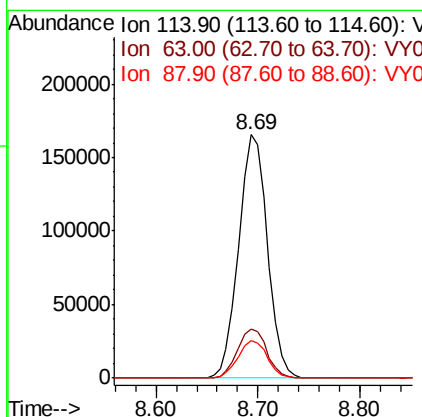
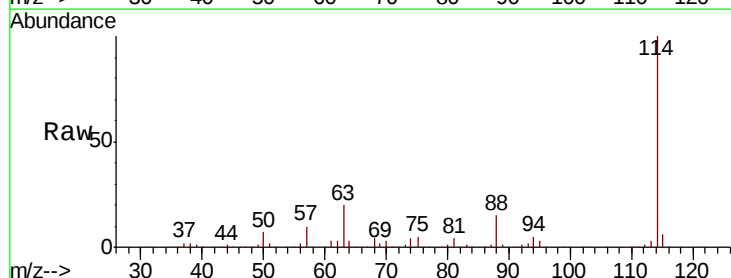
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

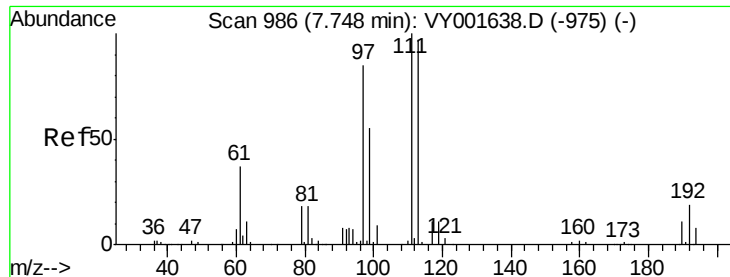
Tot Ion: 65 Resp: 100106
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 114 Resp: 322955
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.3 0.0 32.8

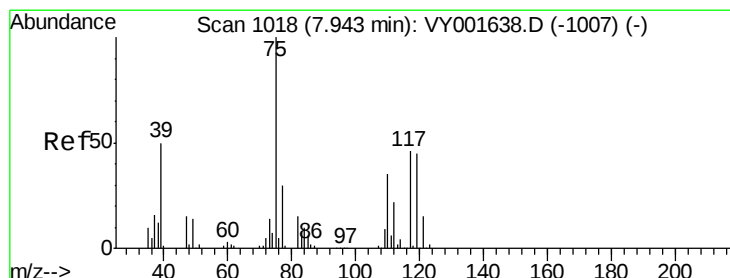
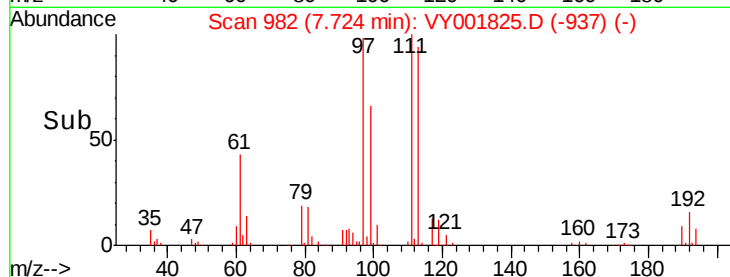
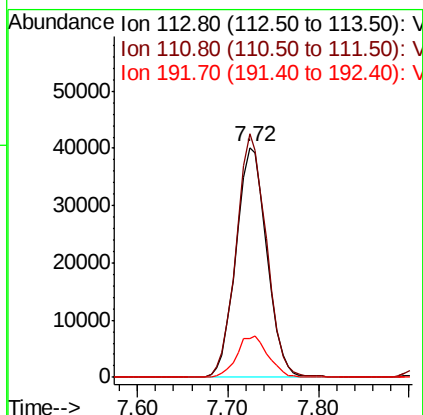
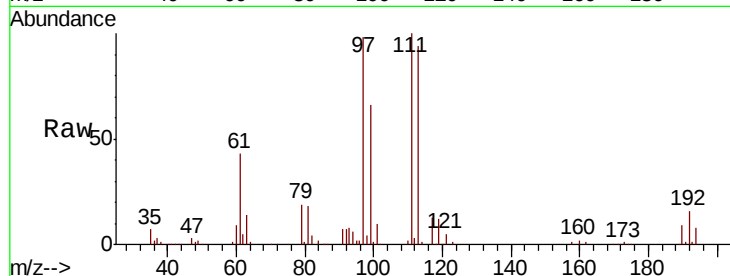




#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

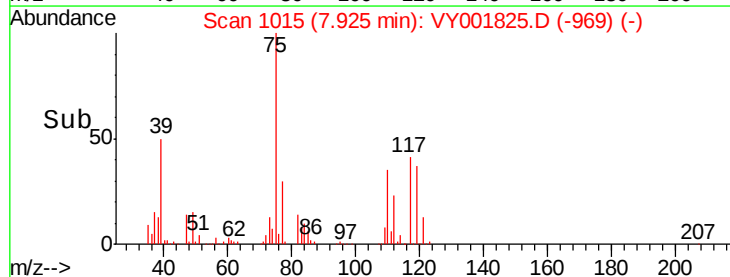
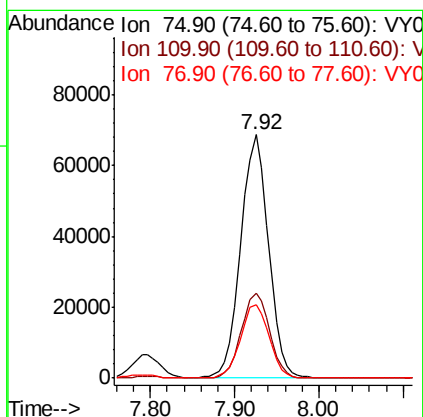
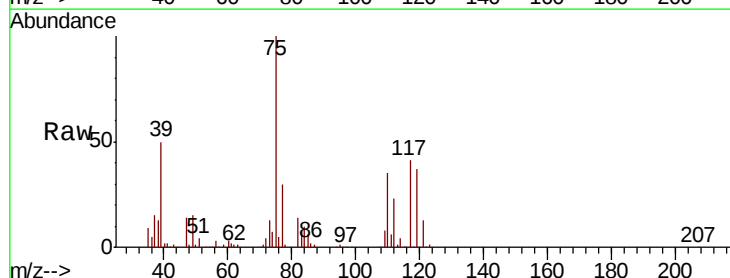
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

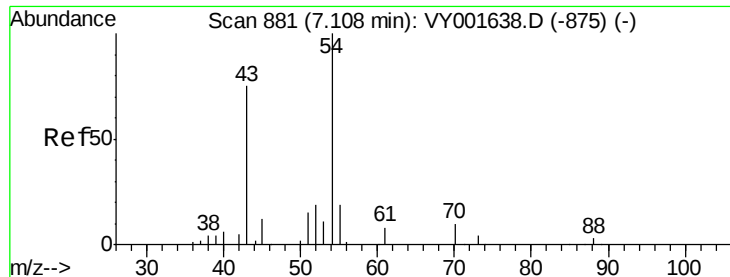
Tot Ion:113 Resp: 94905
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 49.420 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 75 Resp: 152452
Ion Ratio Lower Upper
75 100
110 35.4 17.2 51.6
77 31.4 24.8 37.2

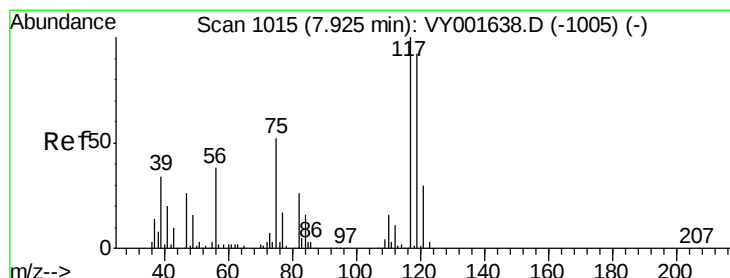
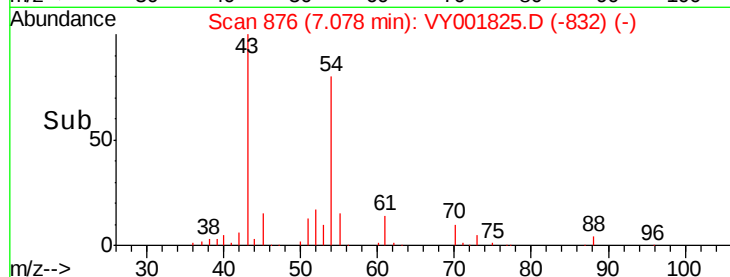
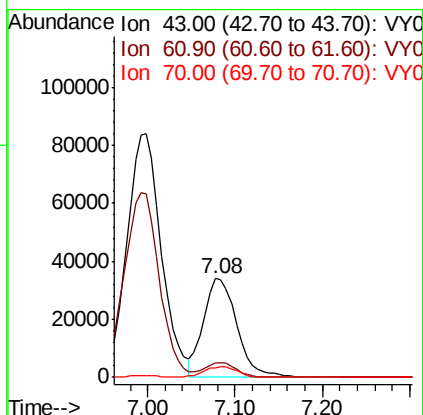
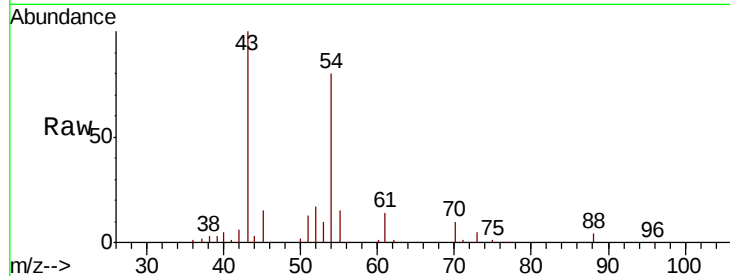




#37
Ethyl Acetate
Concen: 49.641 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.03 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

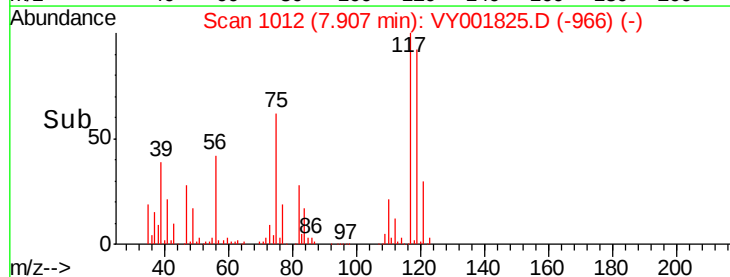
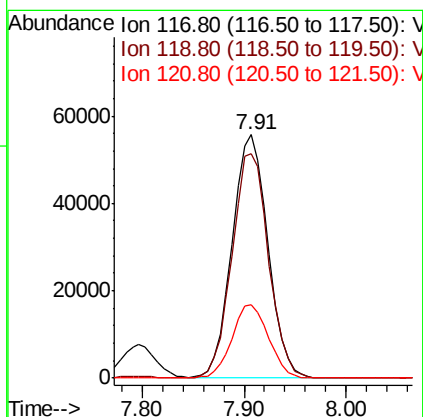
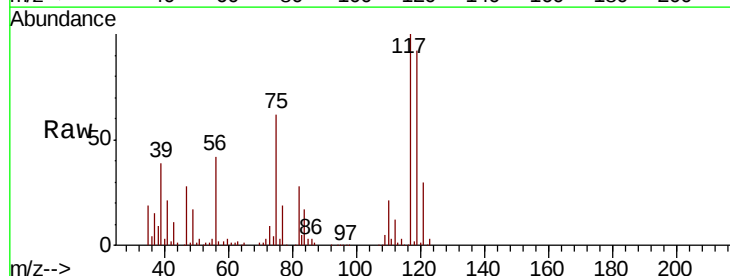
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

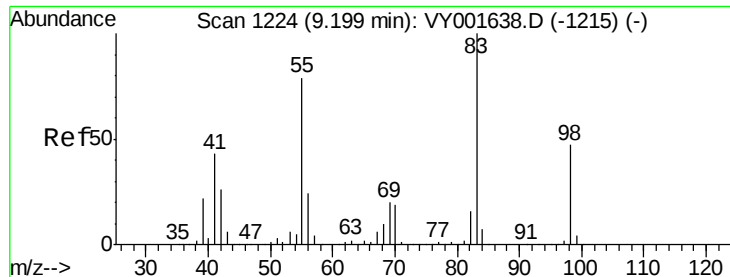
Tot Ion: 43 Resp: 91399
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.132 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 117 Resp: 135837
Ion Ratio Lower Upper
117 100
119 92.0 74.8 112.2
121 30.2 23.8 35.6

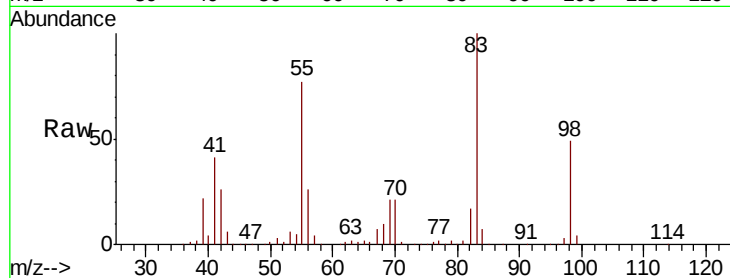




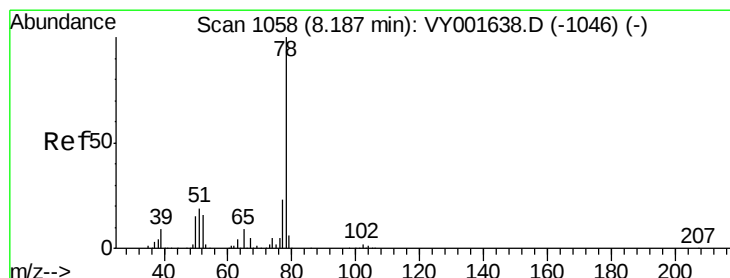
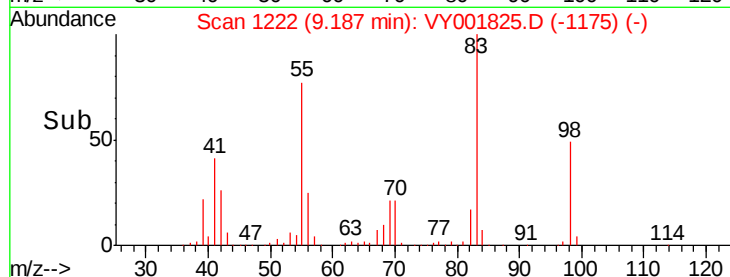
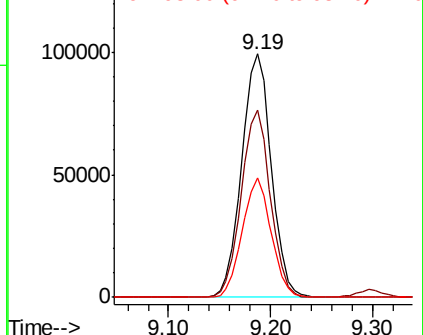
#39
Methvlcvclohexane
Concen: 49.005 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 200557
Ion Ratio Lower Upper
83 100
55 77.2 61.3 91.9
98 49.1 38.0 57.0

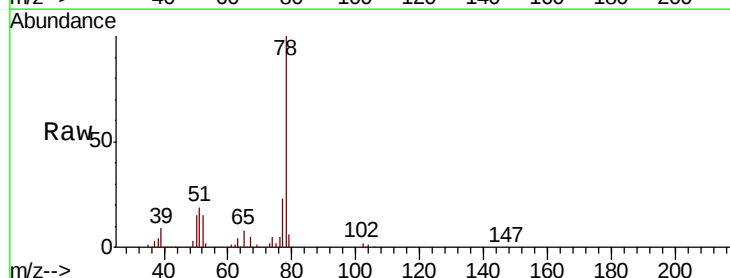


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

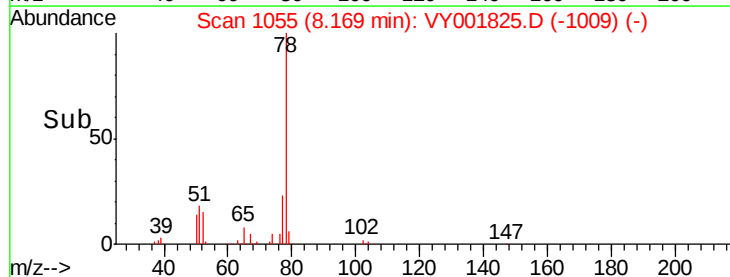
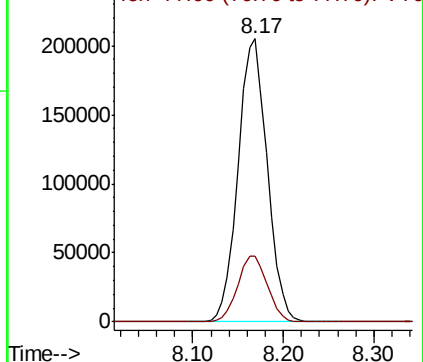


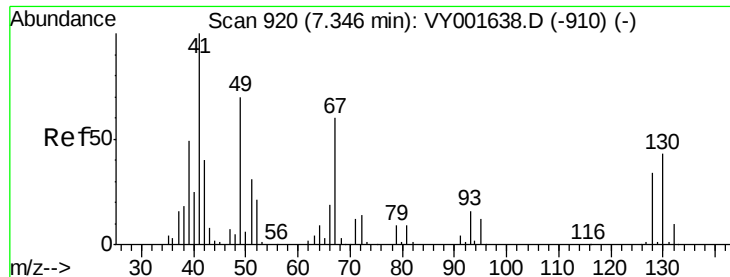
#40
Benzene
Concen: 50.249 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 78 Resp: 455894
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



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

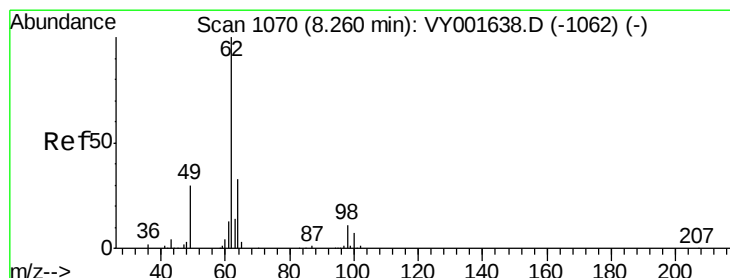
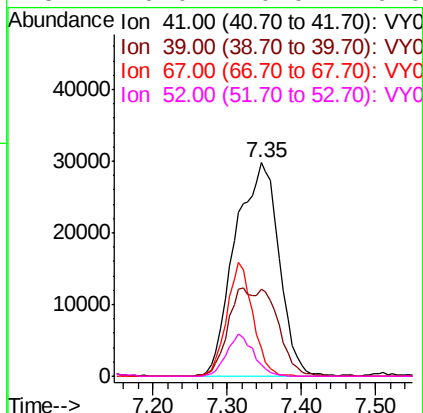
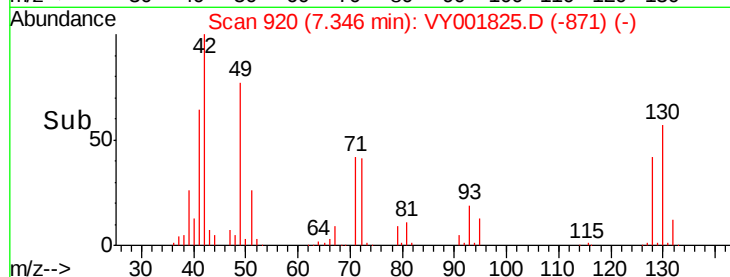
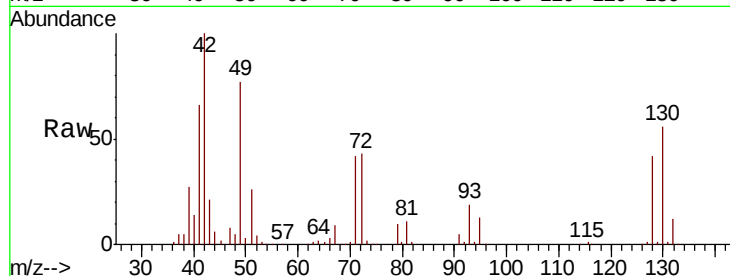




#41
Methacrylonitrile
Concen: 133.155 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

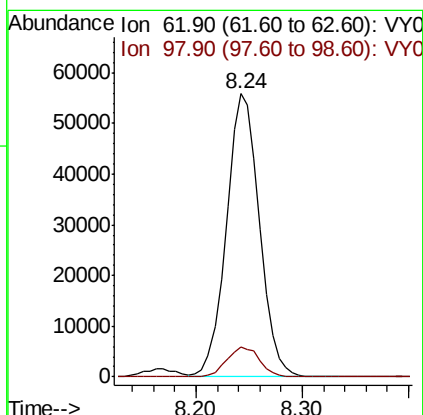
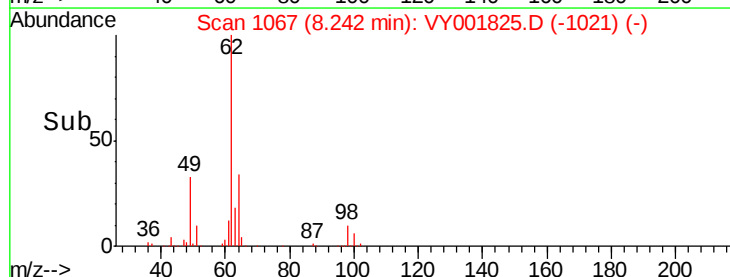
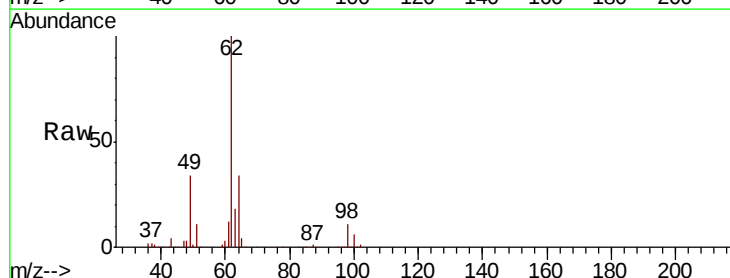
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

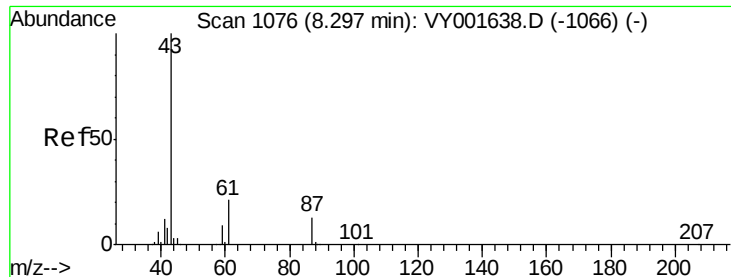
Tot Ion:	41	Resp:	123099
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.898 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:	62	Resp:	120861
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 49.645 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

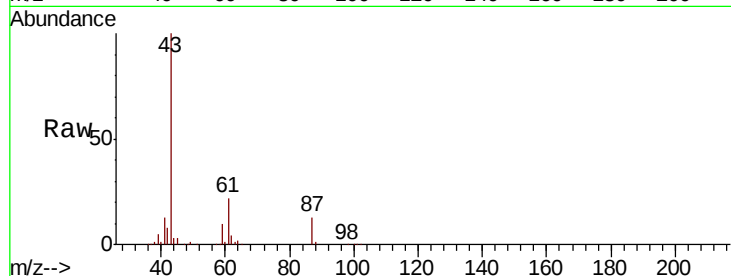
Tot Ion: 43 Resp: 173431

Ion Ratio Lower Upper

43 100

61 29.9 23.0 34.4

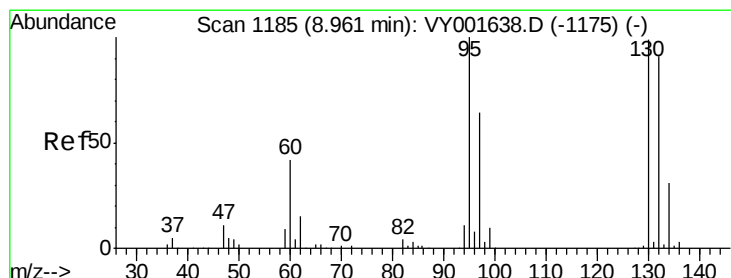
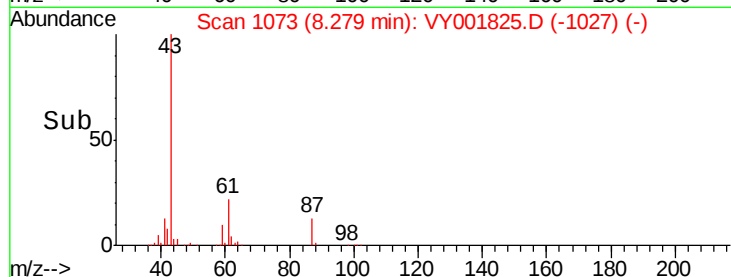
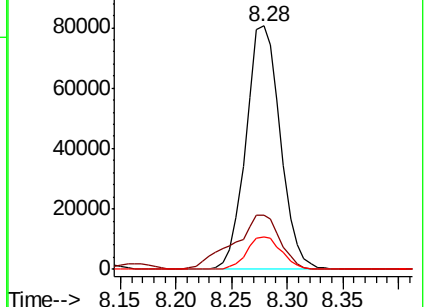
87 13.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001638.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001638.D (-1066) (-)



#44

Trichloroethene

Concen: 49.448 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VY001825.D

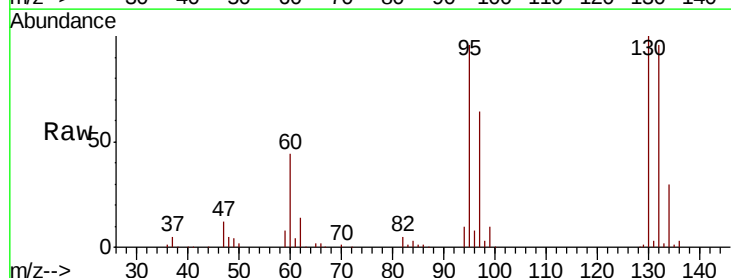
Acq: 03 Mar 2020 11:16

Tgt Ion: 130 Resp: 111992

Ion Ratio Lower Upper

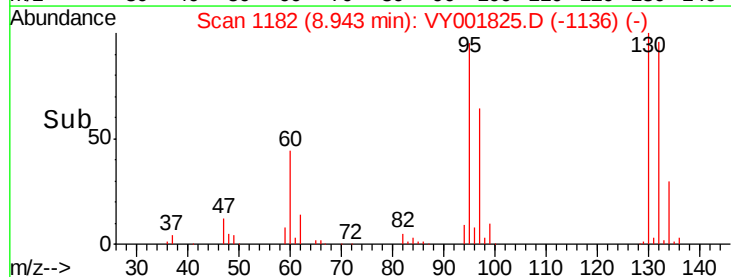
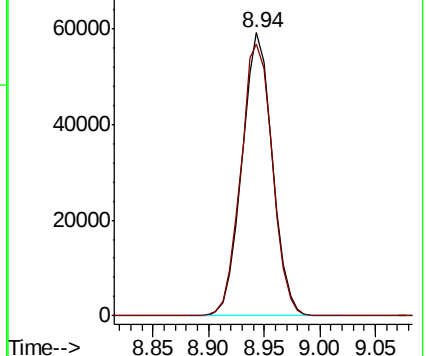
130 100

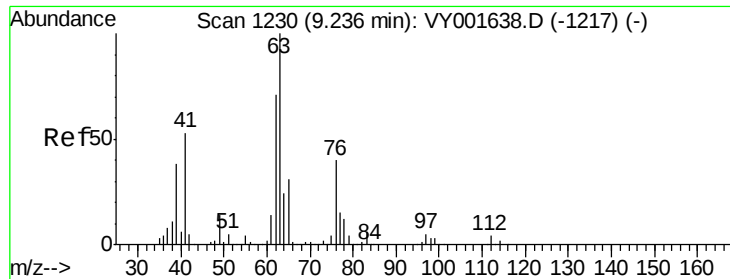
95 95.9 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001638.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001638.D (-1175) (-)

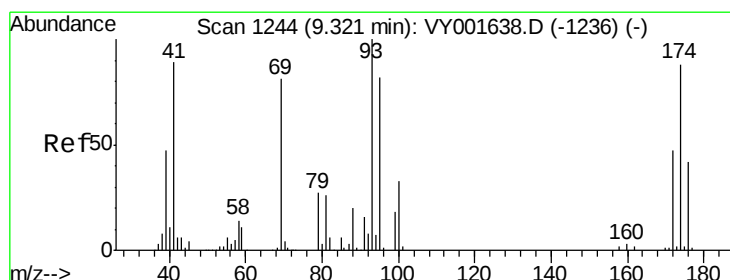
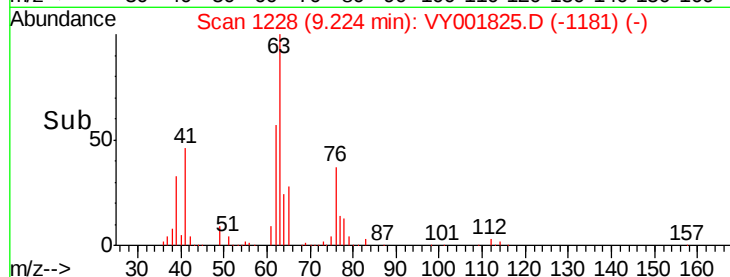
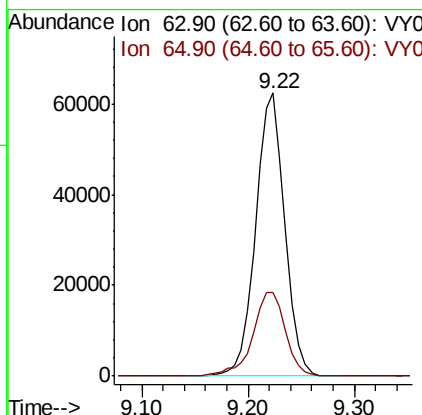
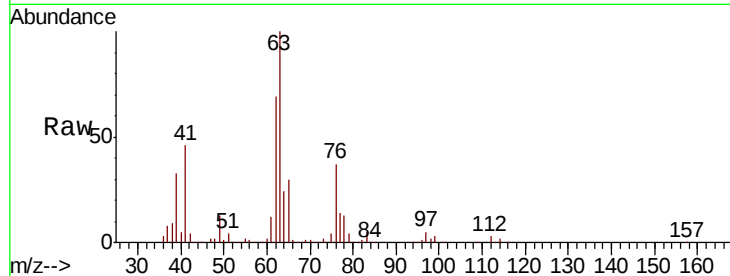




#45
 1,2-Dichloropropane
 Concen: 52.390 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

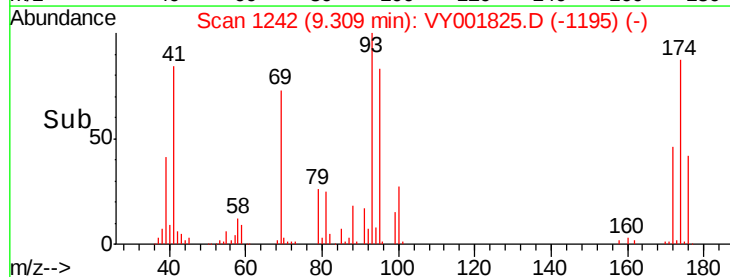
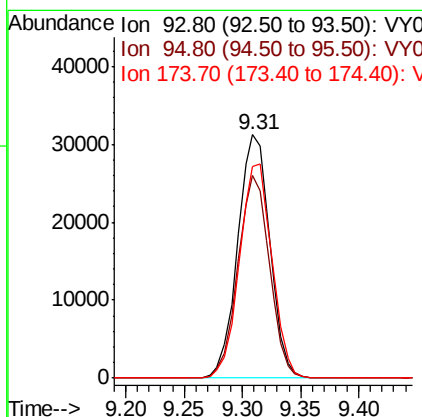
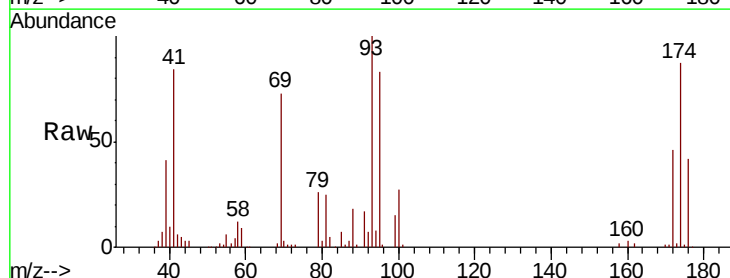
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

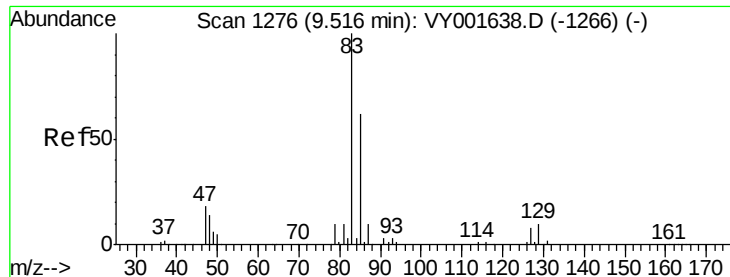
Tot Ion: 63 Resp: 119039
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 37.0



#46
 Dibromomethane
 Concen: 50.784 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 93 Resp: 60353
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.1 99.1
 174 88.7 72.5 108.7

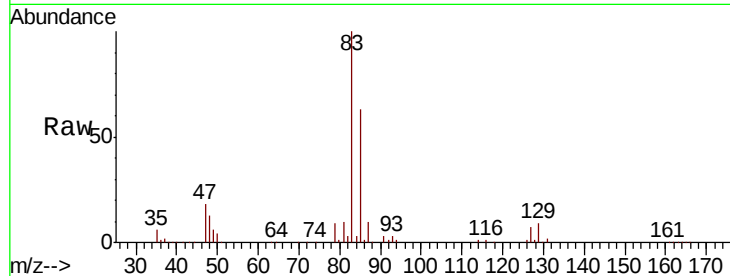




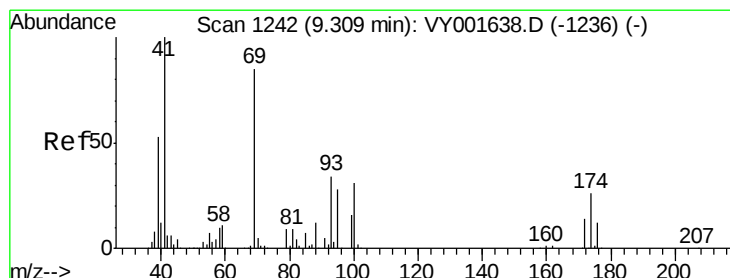
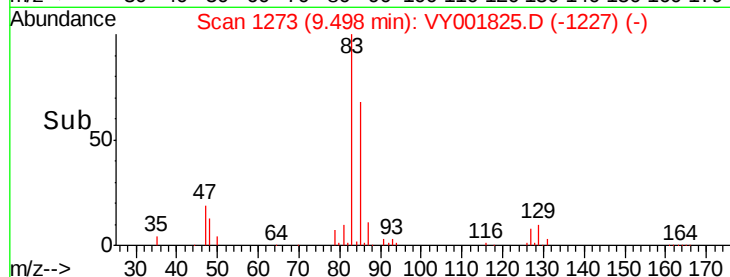
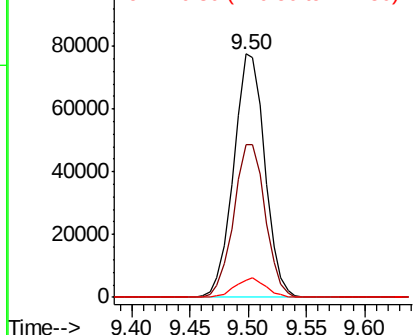
#47
Bromodichloromethane
Concen: 50.461 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 144734
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 7.1 6.4 9.6

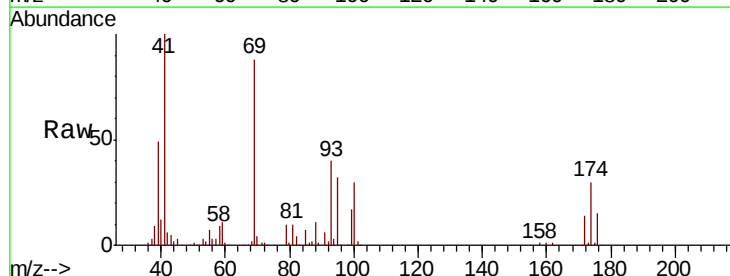


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

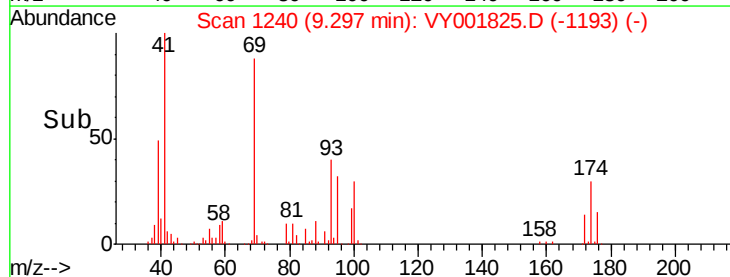
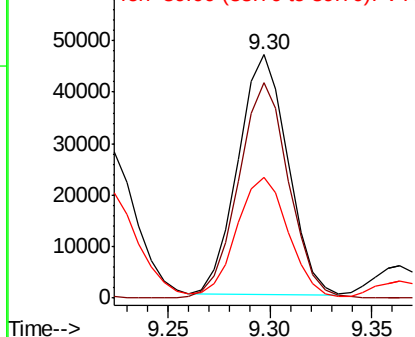


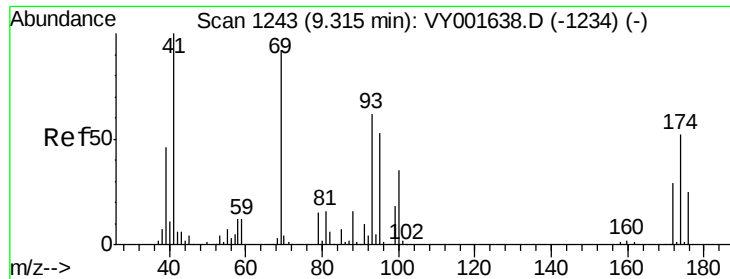
#48
Methyl methacrylate
Concen: 50.139 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 41 Resp: 79216
Ion Ratio Lower Upper
41 100
69 90.5 70.7 106.1
39 52.6 42.2 63.2



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

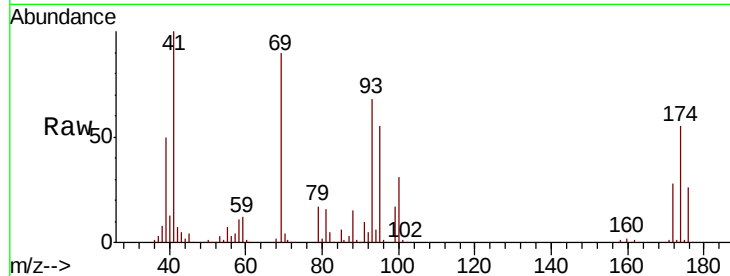




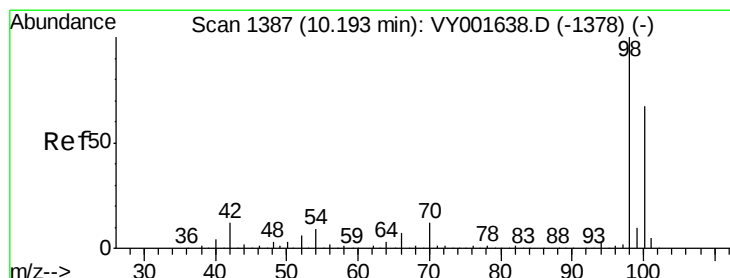
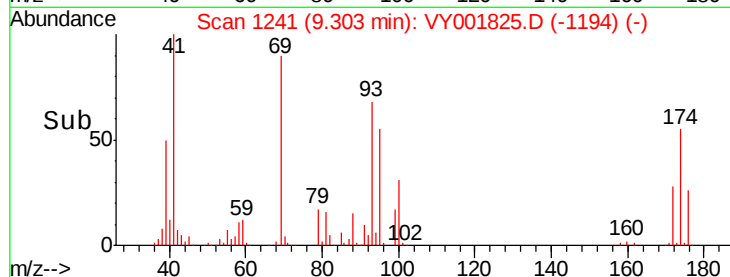
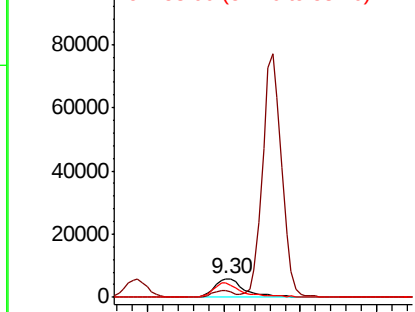
#49
1,4-Dioxane
Concen: 978.294 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 16421
Ion Ratio Lower Upper
88 100
43 26.5 23.1 34.7
58 74.4 58.1 87.1

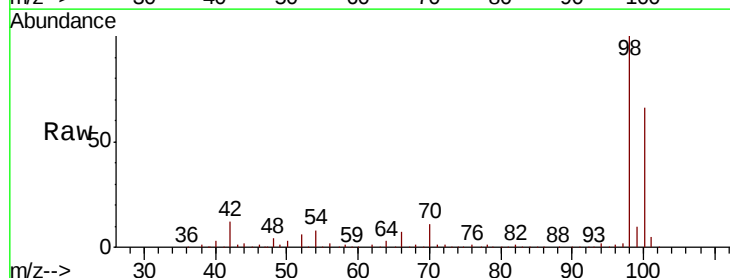


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

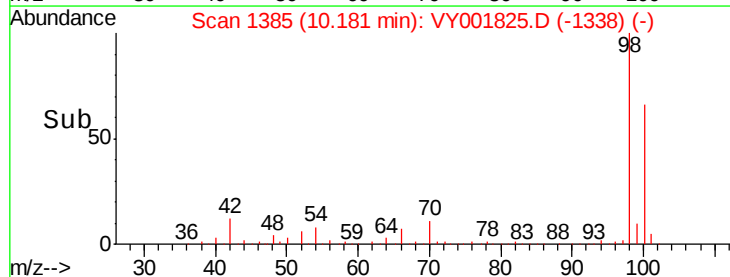
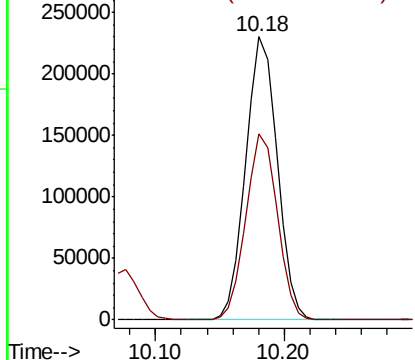


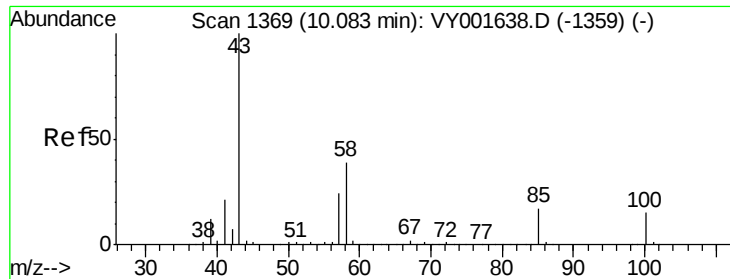
#50
Toluene-d8
Concen: 53.890 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 98 Resp: 390524
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 254.399 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

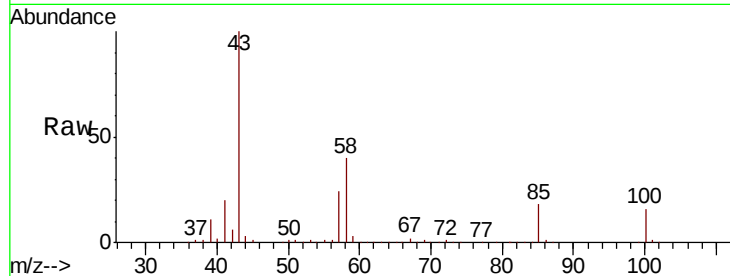
VSTDCCC050

Tot Ion: 43 Resp: 456616

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-1359) (-)

10.08

250000

200000

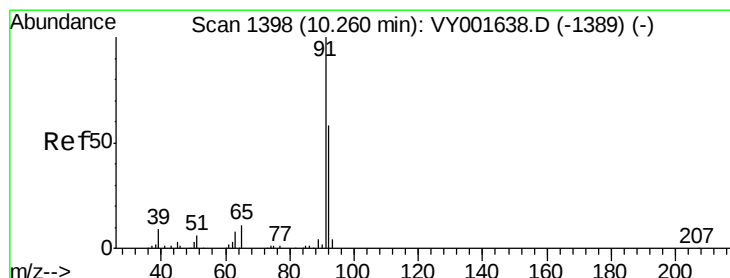
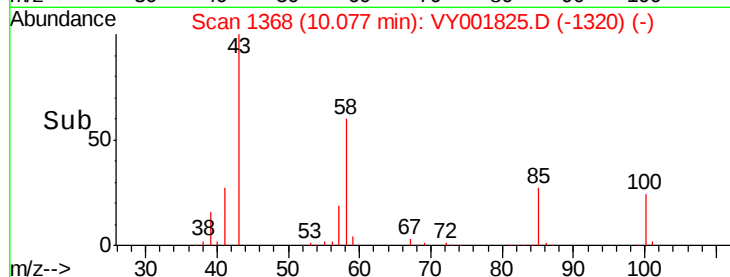
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.081 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001825.D

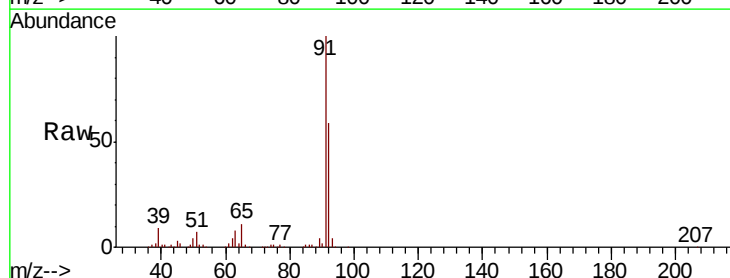
Acq: 03 Mar 2020 11:16

Tgt Ion: 92 Resp: 283424

Ion Ratio Lower Upper

92 100

91 171.9 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY001638.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001638.D (-1389) (-)

10.25

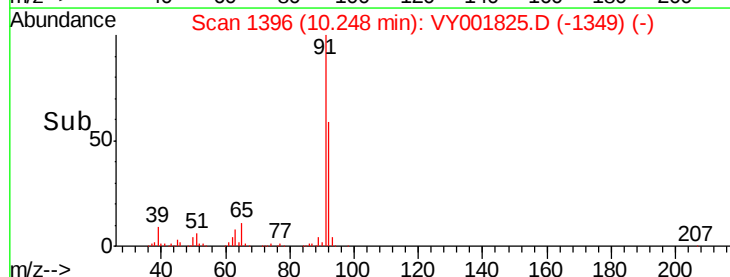
300000

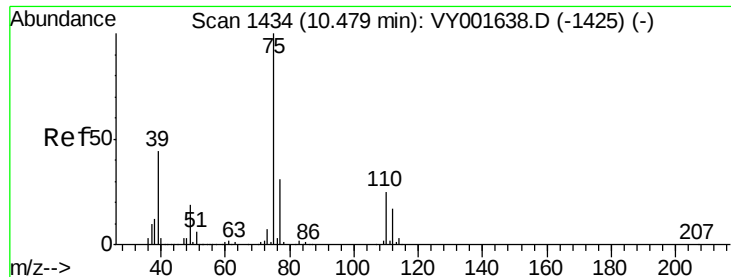
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.976 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

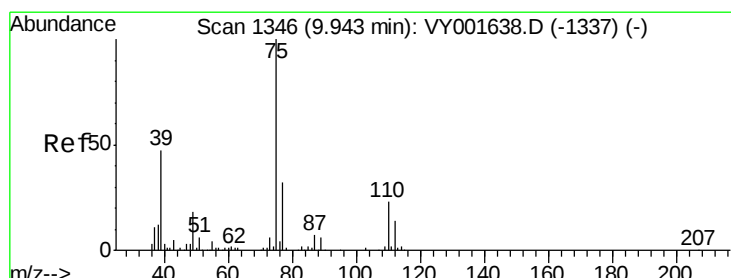
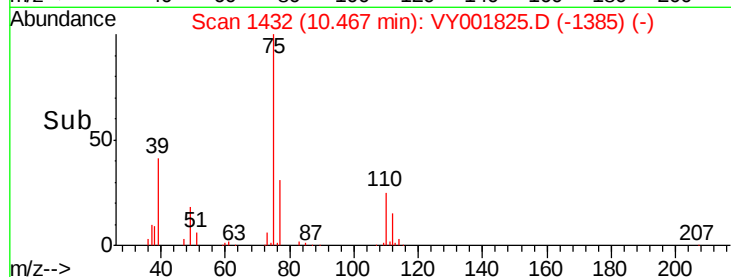
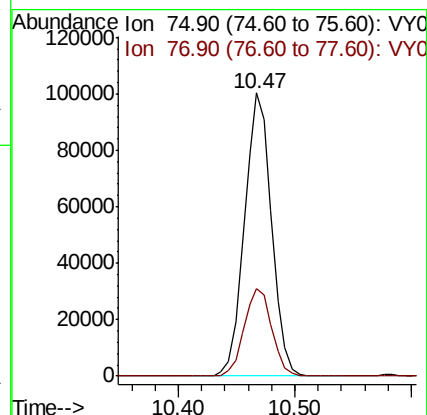
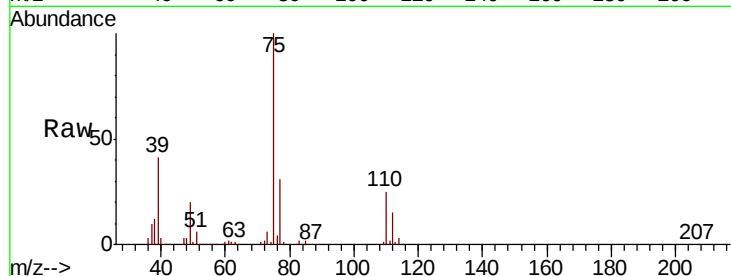
VSTDCCC050

Tot Ion: 75 Resp: 161637

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.432 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

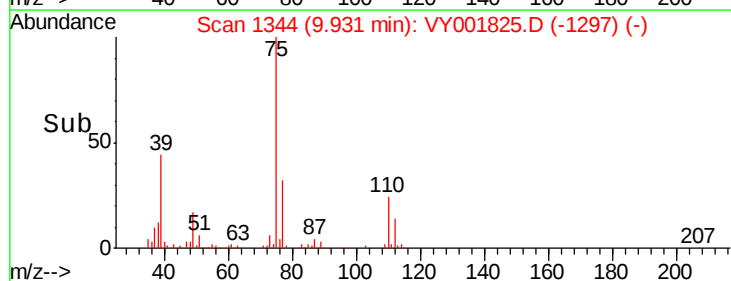
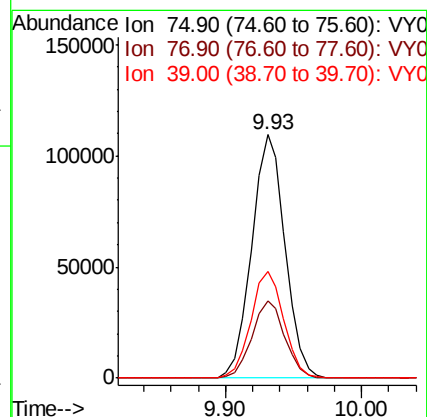
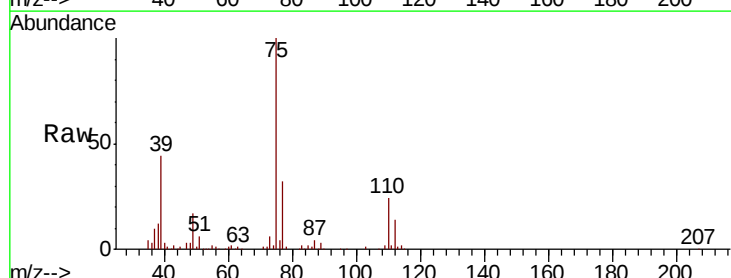
Tgt Ion: 75 Resp: 187700

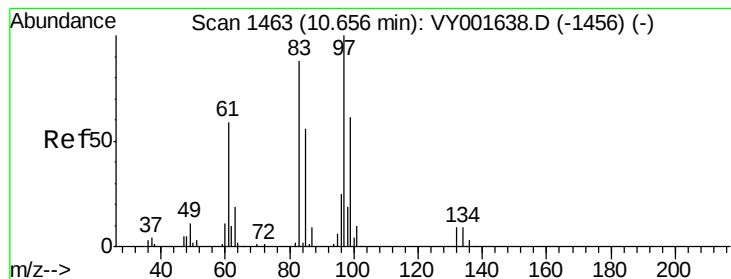
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 44.0 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 51.402 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 90076

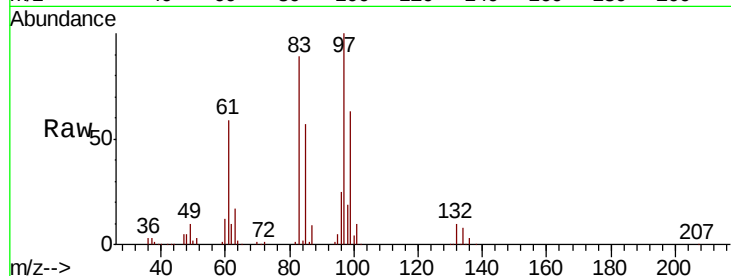
Ion Ratio Lower Upper

97 100

83 89.1 69.7 104.5

85 57.3 44.5 66.7

99 63.1 49.6 74.4



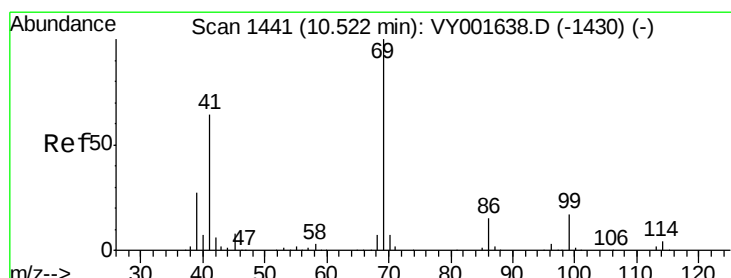
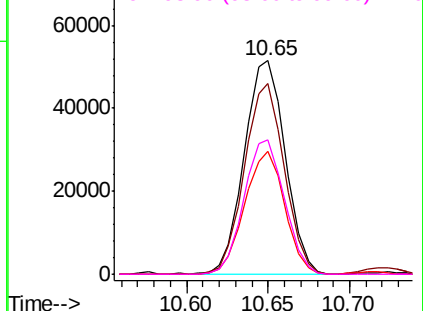
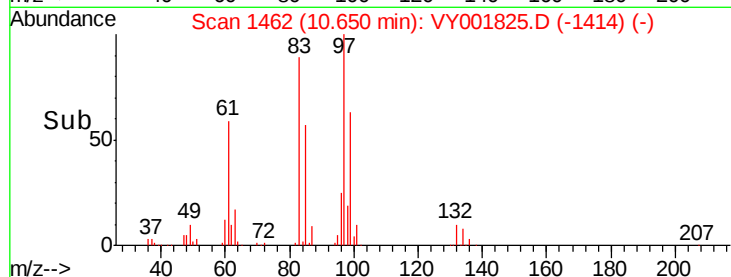
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 51.195 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

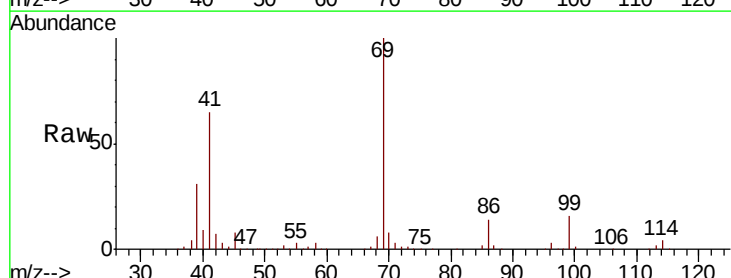
Tgt Ion: 69 Resp: 134585

Ion Ratio Lower Upper

69 100

41 63.5 51.0 76.4

39 30.4 24.7 37.1

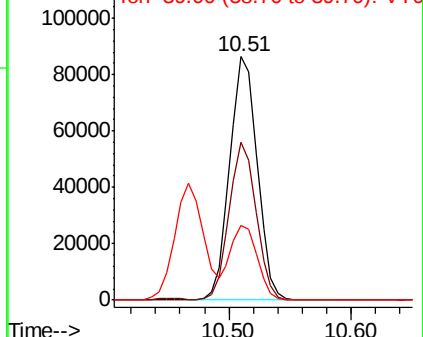
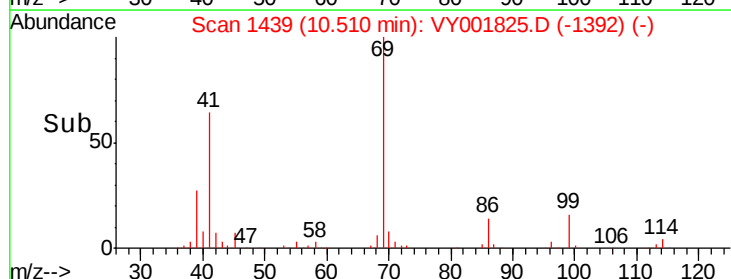


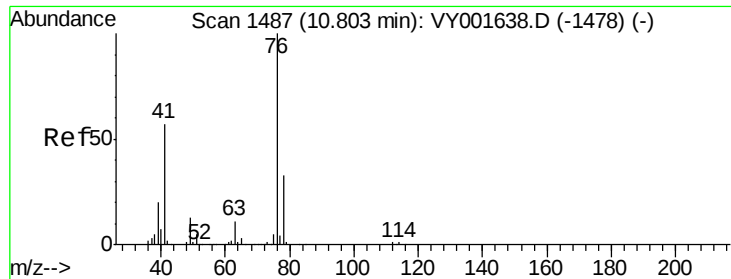
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

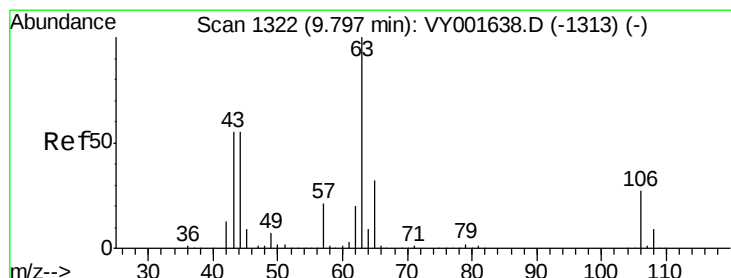
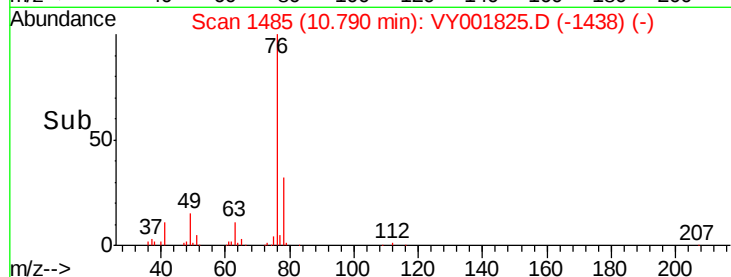
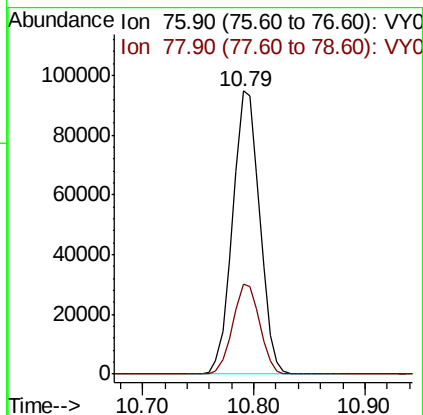
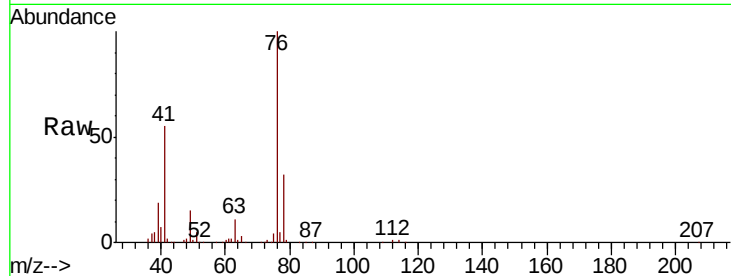




#57
 1,3-Dichloropropane
 Concen: 51.130 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

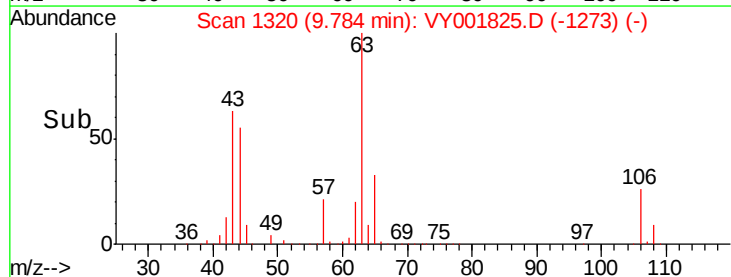
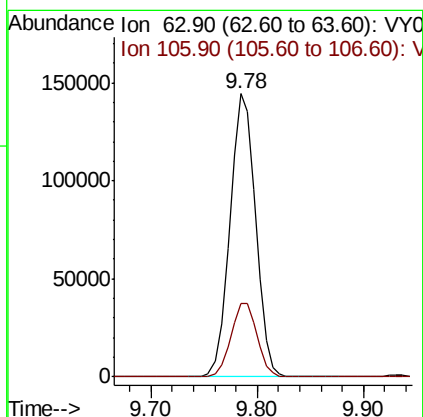
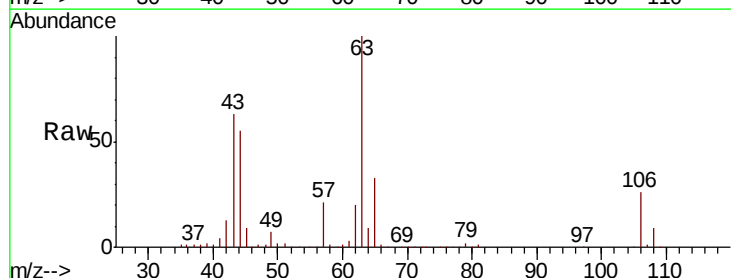
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

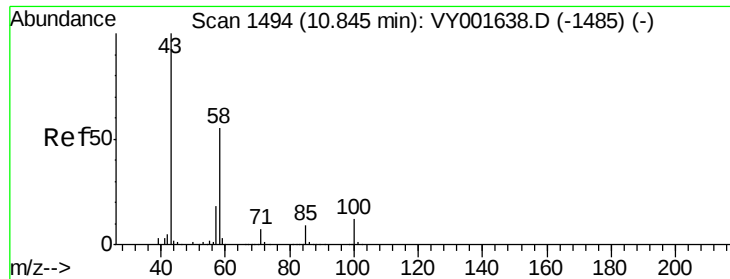
Tot Ion: 76 Resp: 159203
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.175 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 63 Resp: 243674
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4

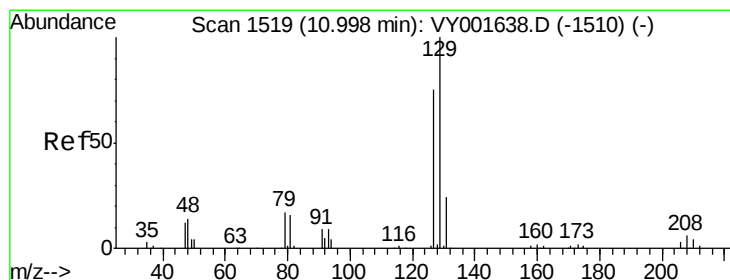
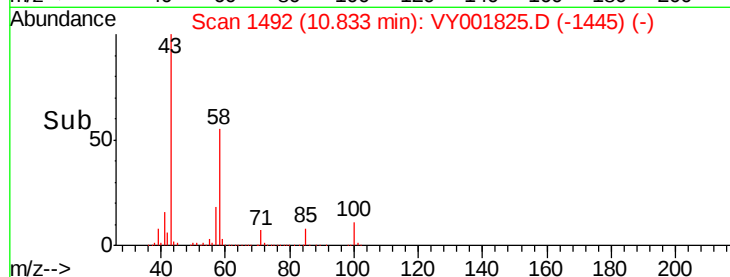
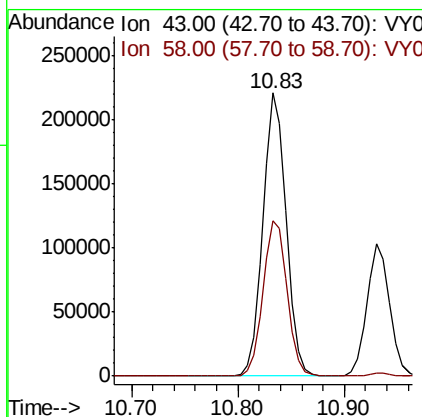
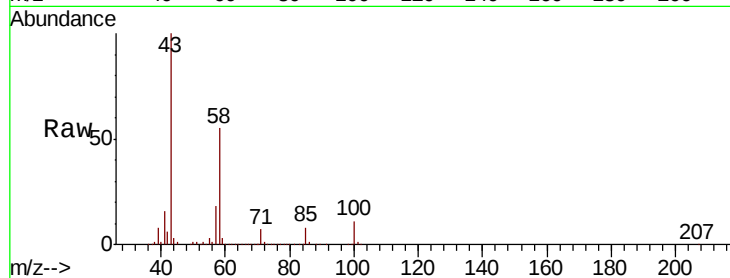




#59
2-Hexanone
Concen: 252.173 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

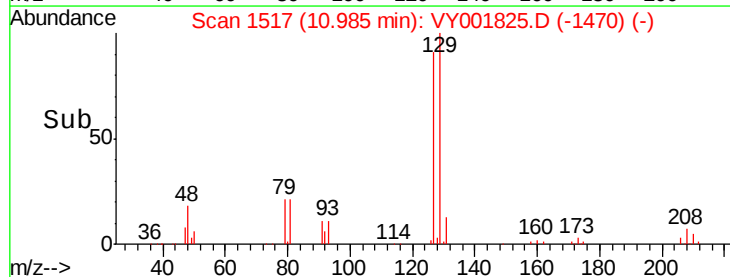
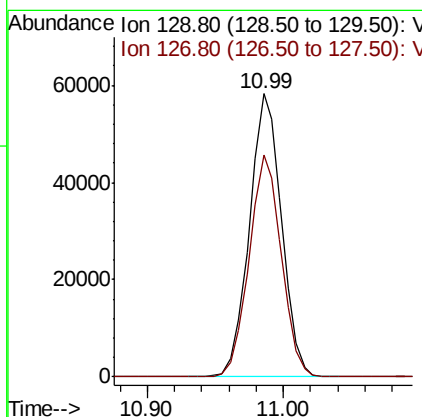
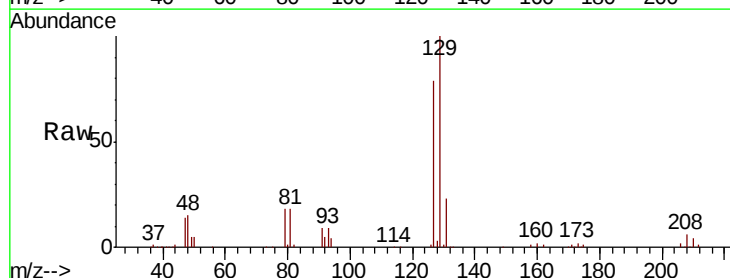
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

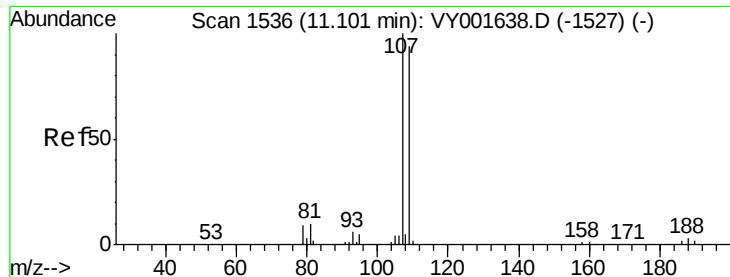
Tot Ion: 43 Resp: 339608
Ion Ratio Lower Upper
43 100
58 56.6 28.4 85.2



#60
Dibromochloromethane
Concen: 49.890 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 129 Resp: 96389
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

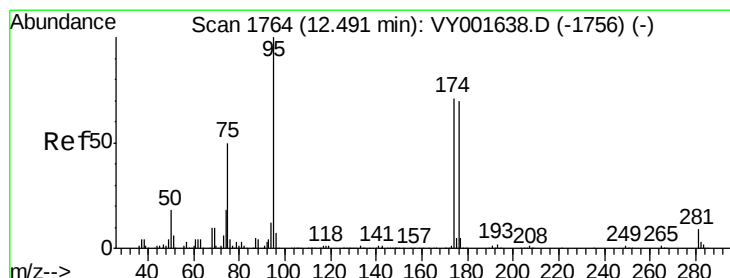
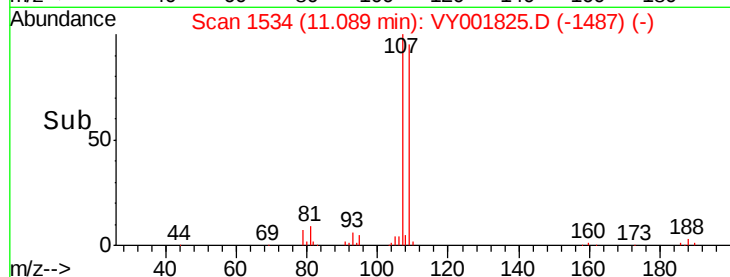
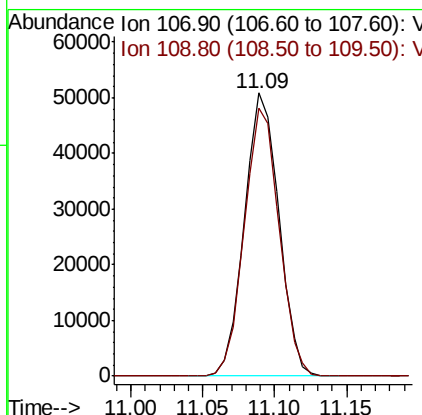
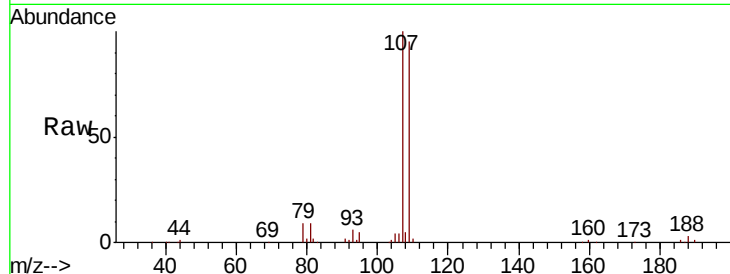




#61
1,2-Dibromoethane
Concen: 50.715 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

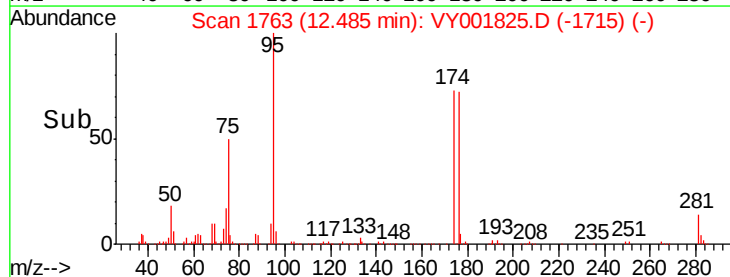
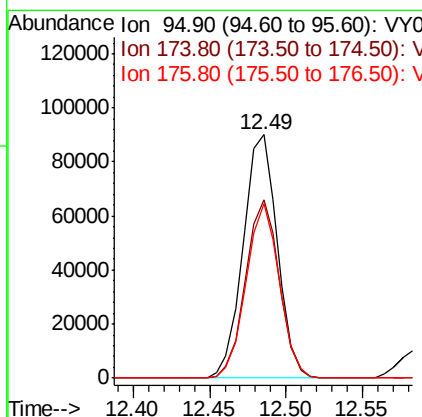
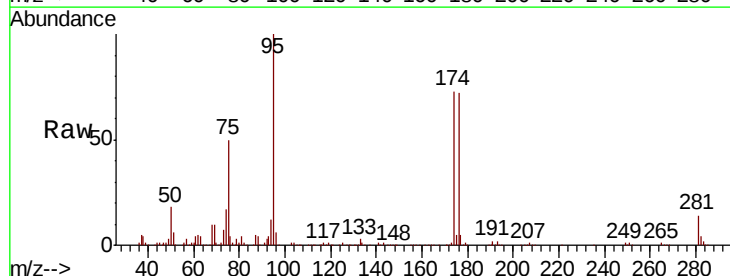
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

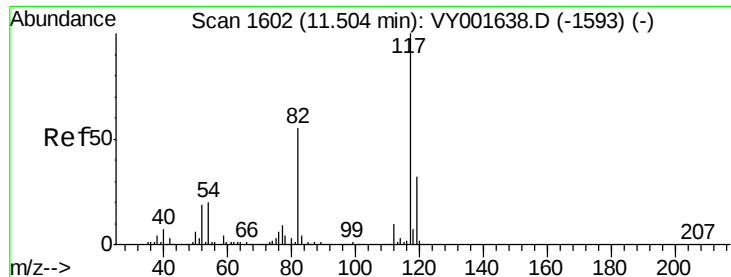
Tot Ion: 107 Resp: 84031
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 95 Resp: 139539
Ion Ratio Lower Upper
95 100
174 72.4 0.0 138.4
176 69.8 0.0 131.8

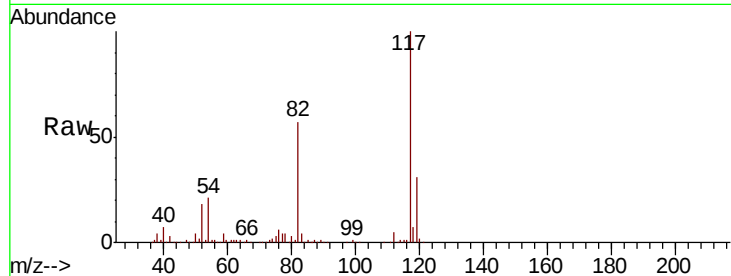




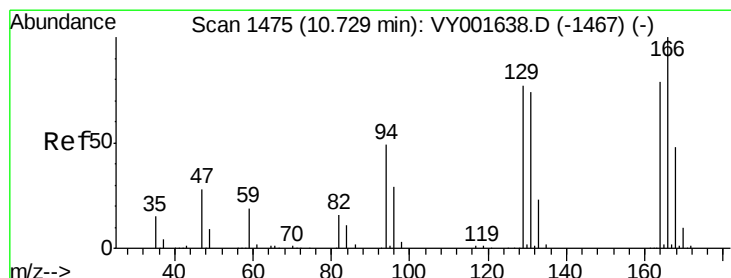
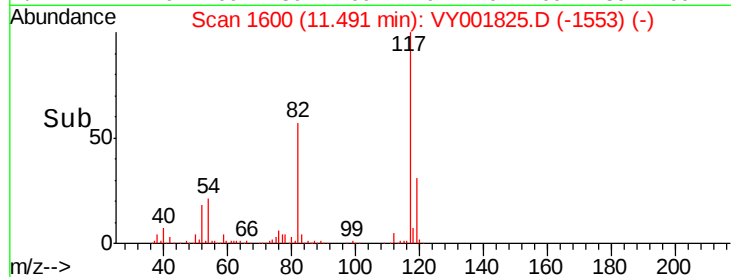
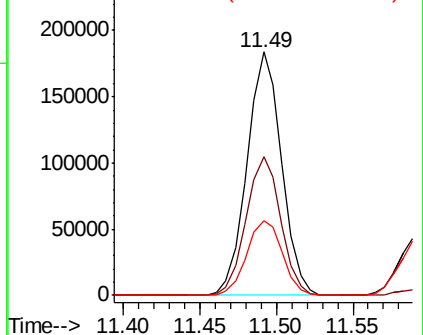
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 288203
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 30.5 25.8 38.6

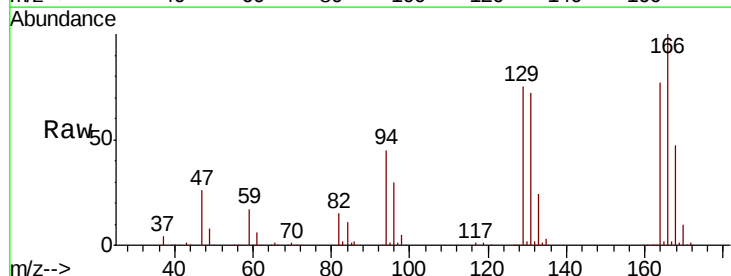


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

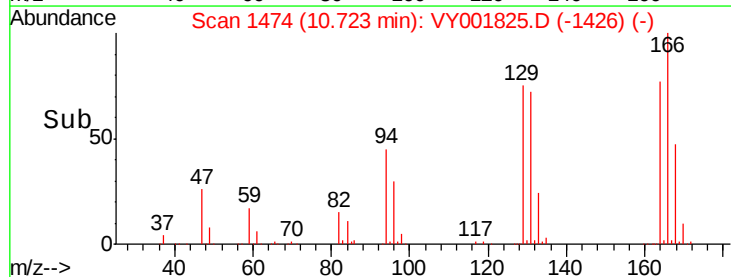
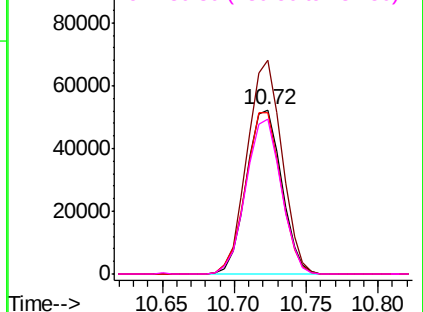


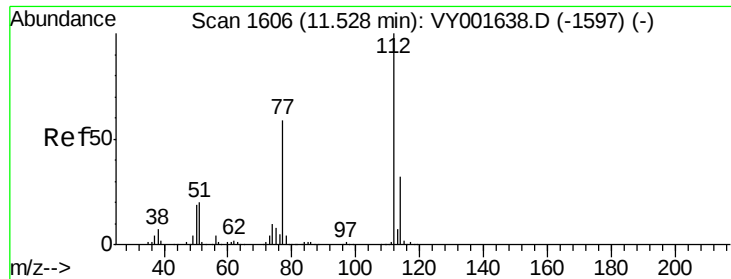
#64
Tetrachloroethene
Concen: 48.919 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:164 Resp: 88505
Ion Ratio Lower Upper
164 100
166 130.2 101.4 152.0
129 98.2 78.7 118.1
131 94.3 76.0 114.0



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

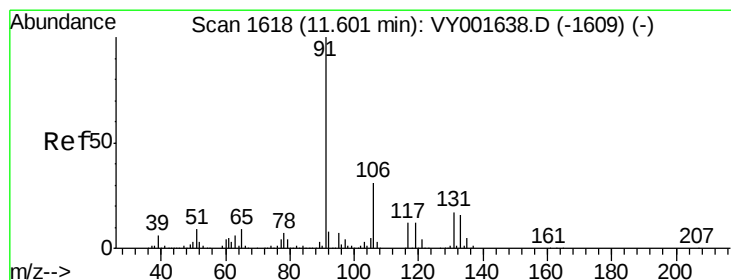
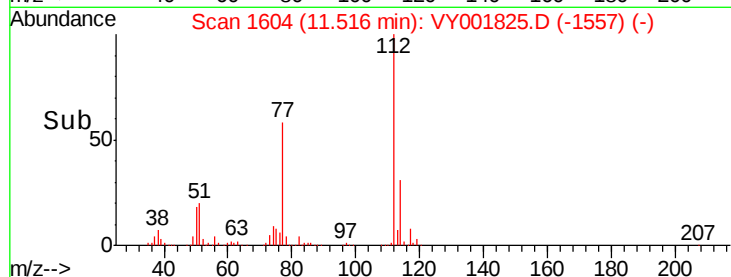
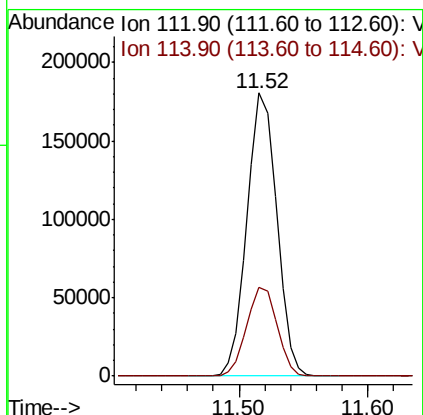
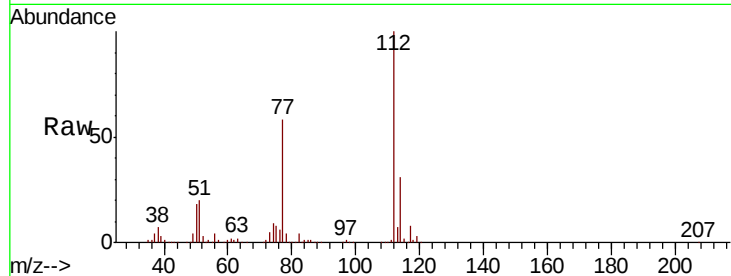




#65
Chlorobenzene
Concen: 50.262 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

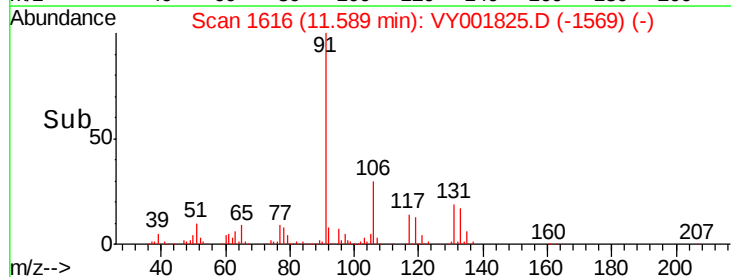
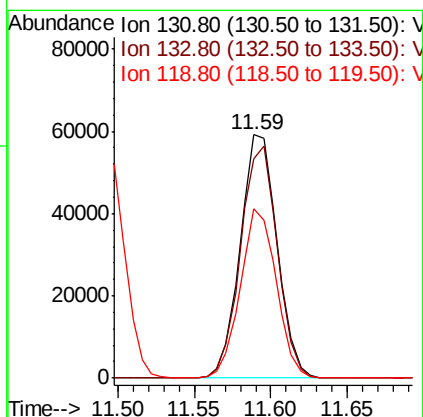
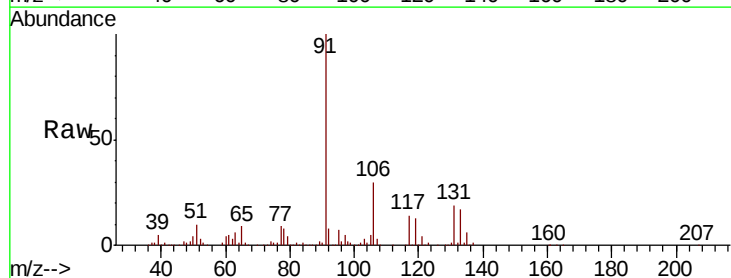
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

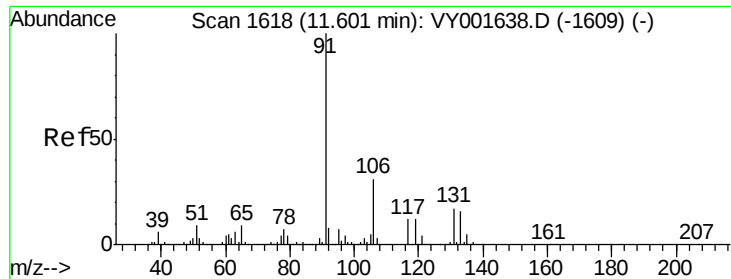
Tot Ion:112 Resp: 289207
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.151 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:131 Resp: 99283
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 67.9 34.4 103.1

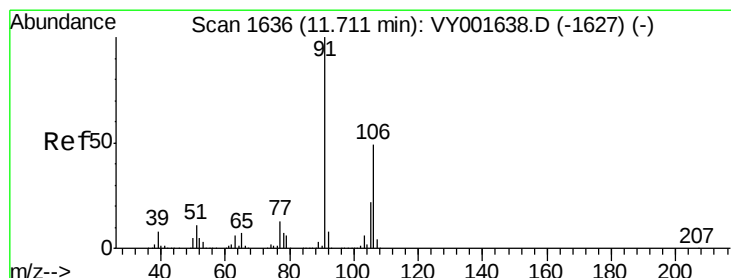
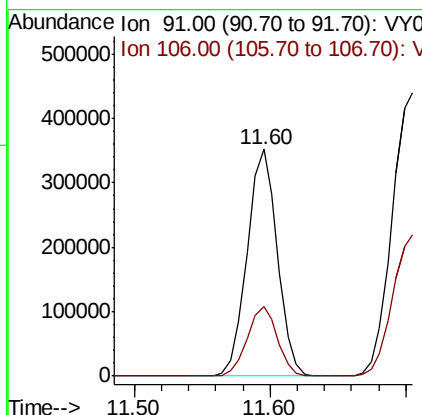
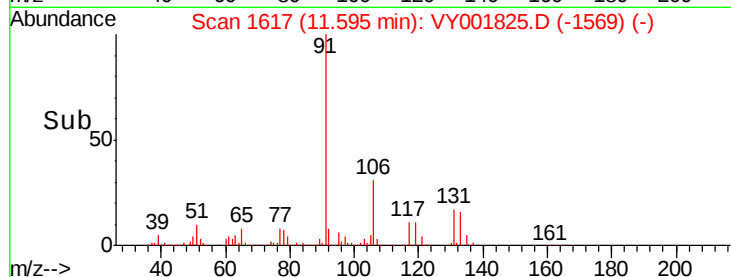
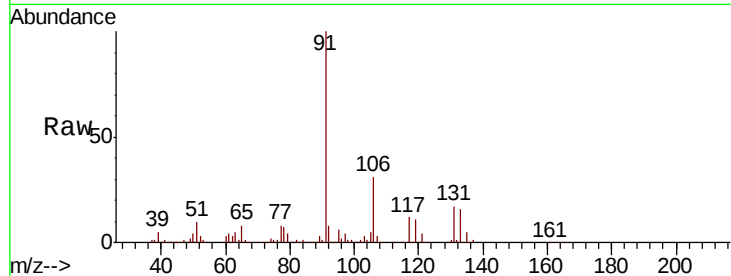




#67
Ethyl Benzene
Concen: 51.225 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

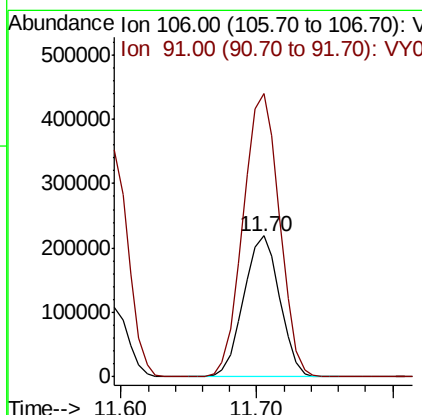
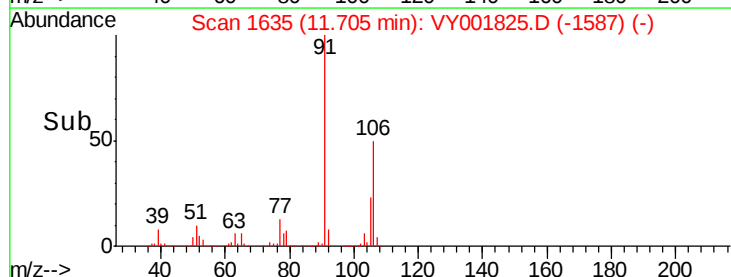
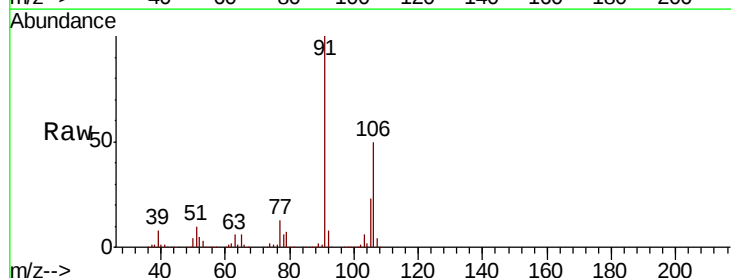
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

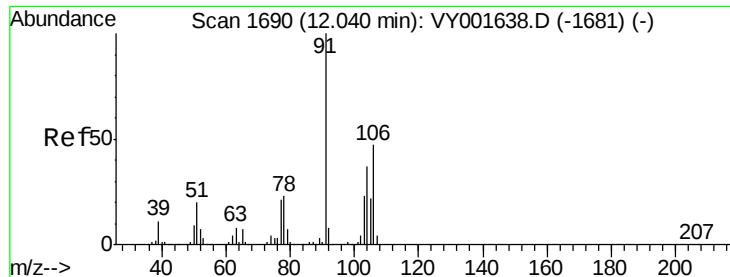
Tot Ion: 91 Resp: 546981
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 101.570 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 106 Resp: 405132
Ion Ratio Lower Upper
106 100
91 203.1 163.3 244.9

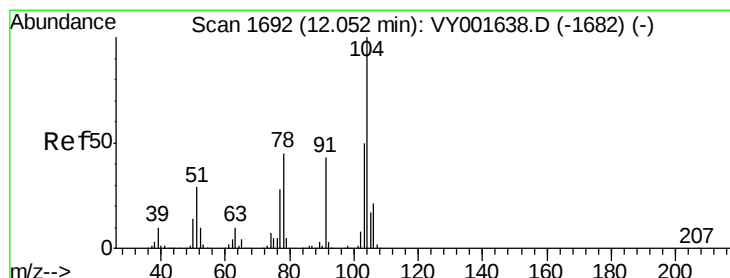
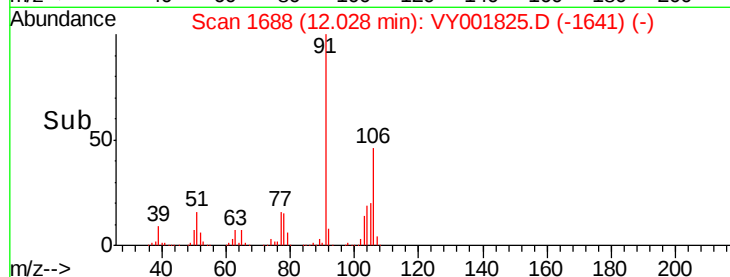
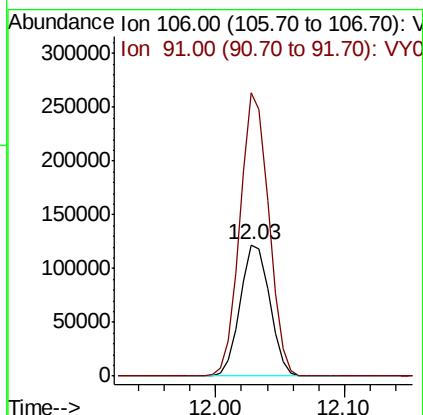
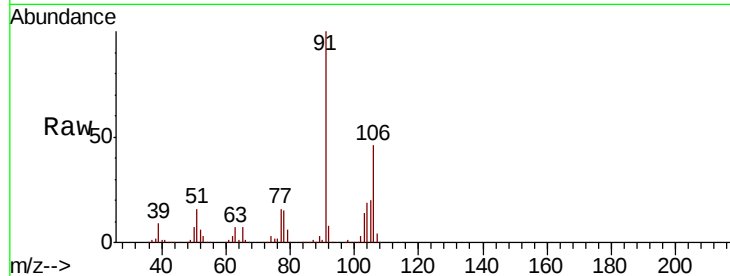




#69
o-Xylene
Concen: 51.068 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

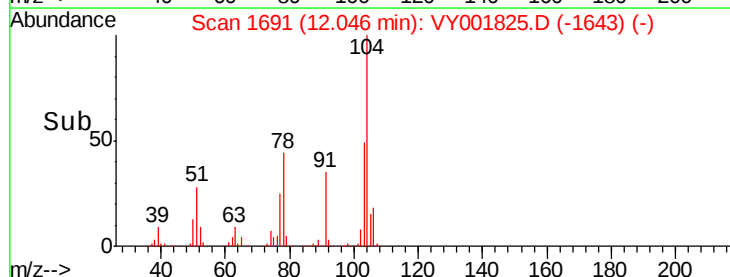
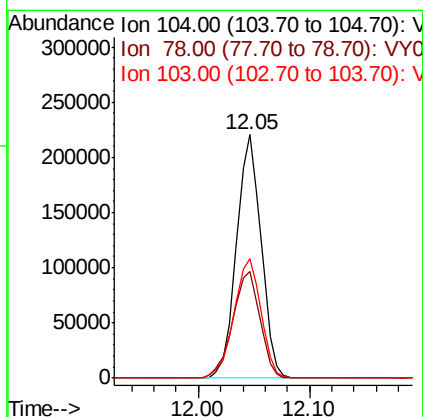
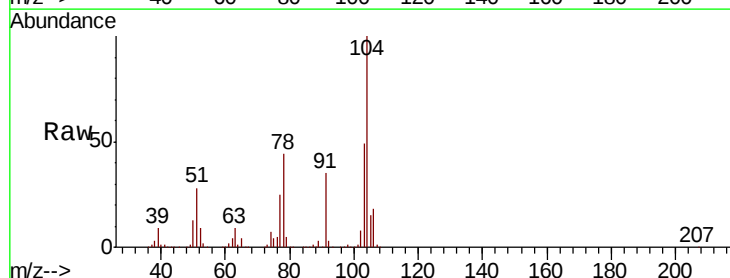
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

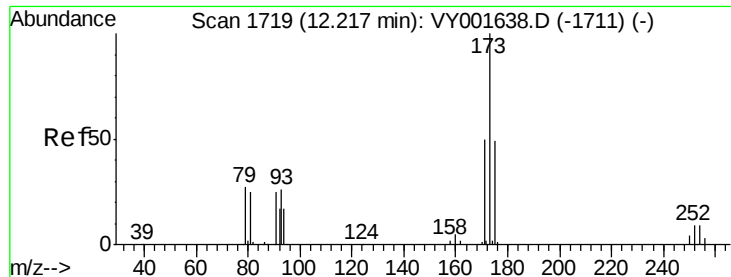
Tot Ion:106 Resp: 193653
Ion Ratio Lower Upper
106 100
91 210.3 108.3 324.9



#70
Styrene
Concen: 51.067 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:104 Resp: 336547
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 53.8 43.0 64.6





#71

Bromoform

Concen: 49.381 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

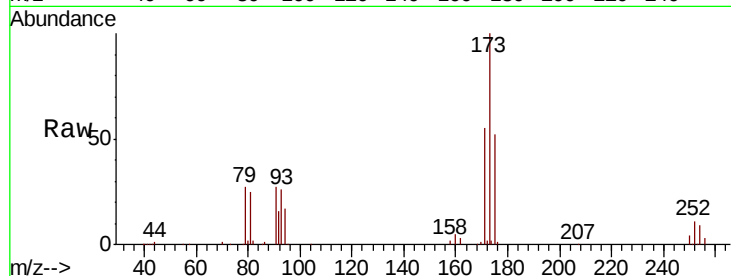
Tot Ion:173 Resp: 54775

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

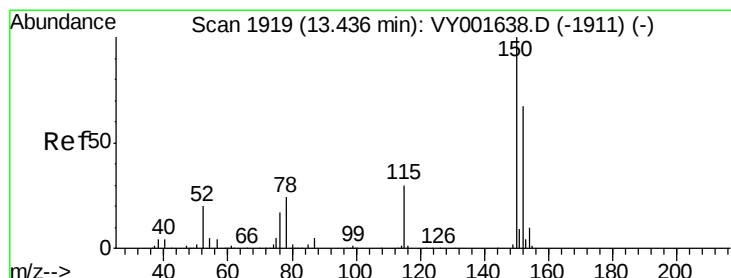
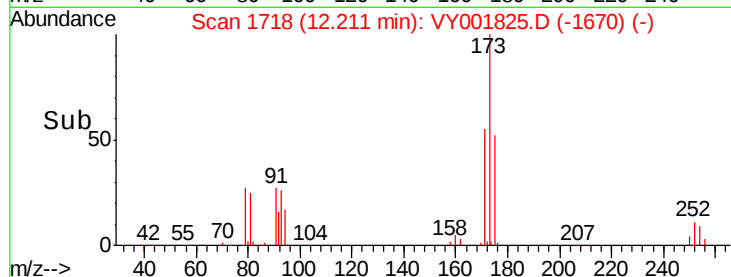
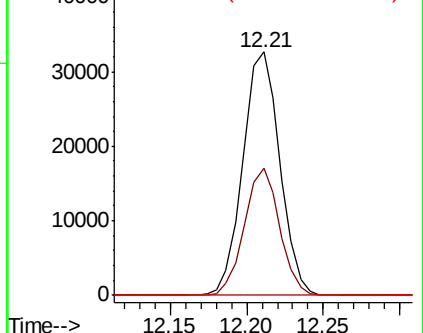
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

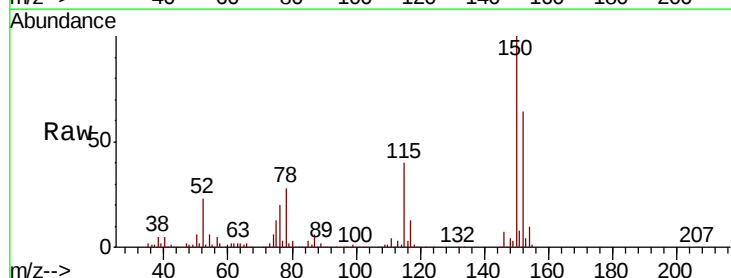
Tgt Ion:152 Resp: 135247

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

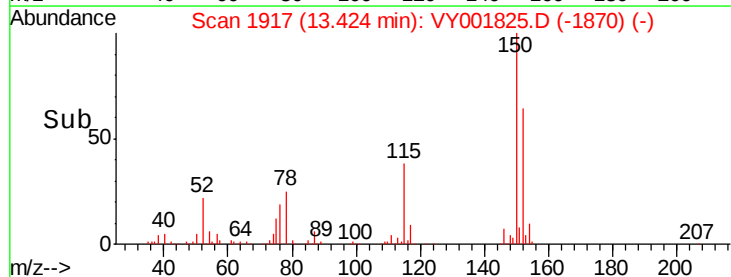
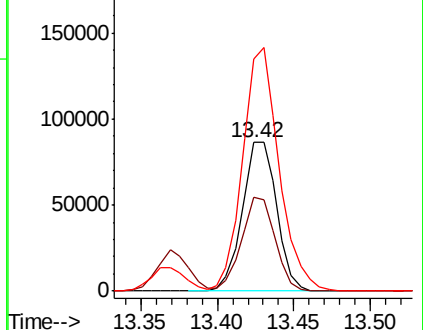
150 172.8 0.0 407.2

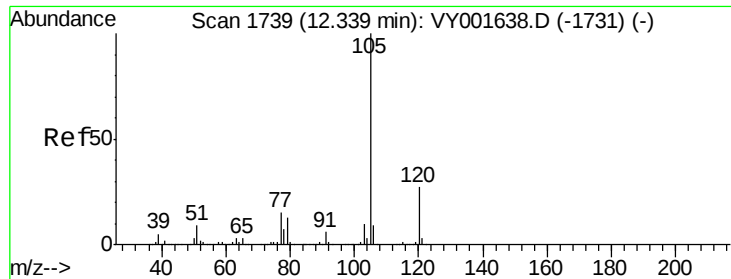


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

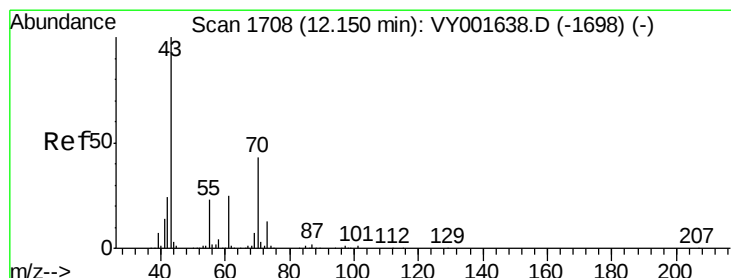
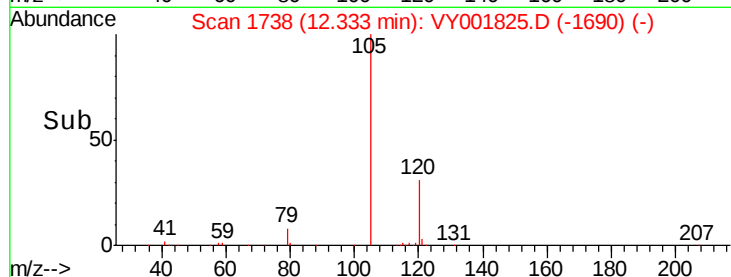
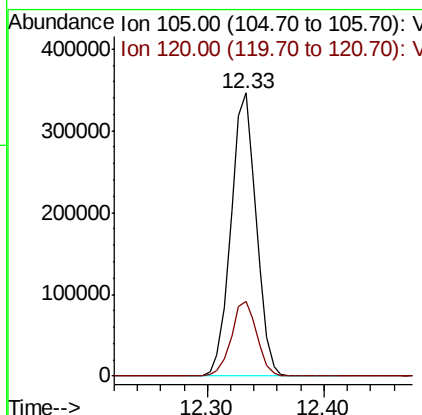
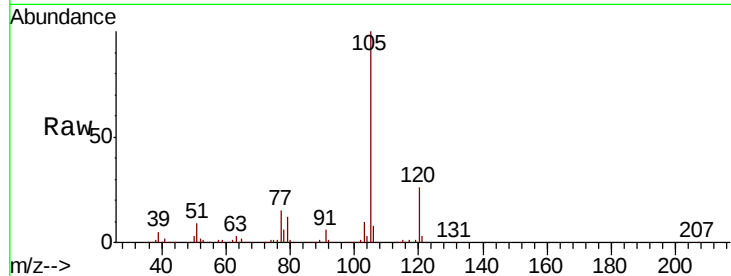




#73
Isopropylbenzene
Concen: 50.689 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

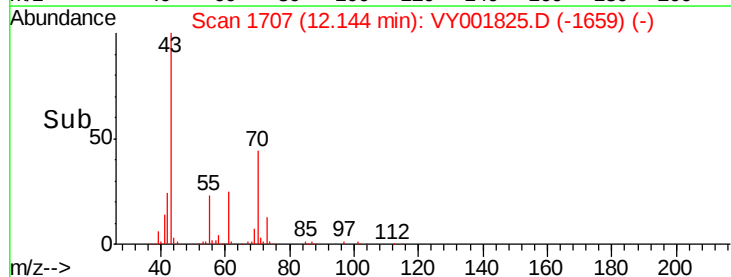
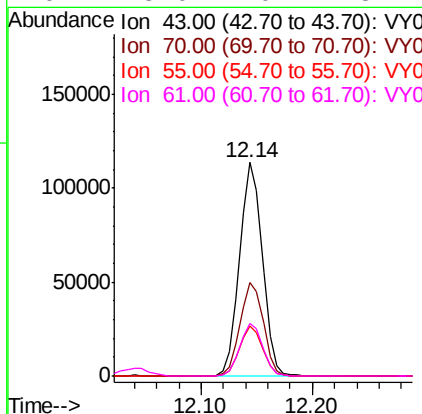
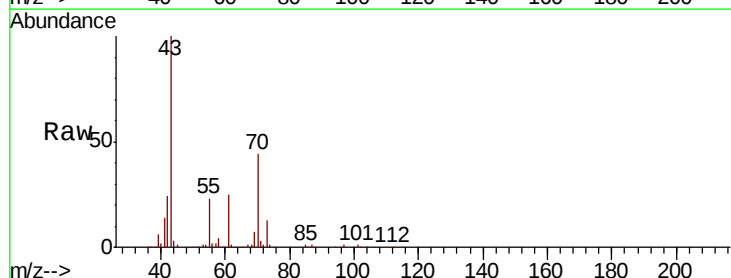
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

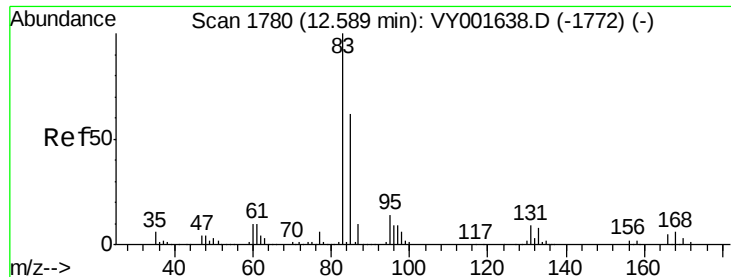
Tot Ion:105 Resp: 522268
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 49.180 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 43 Resp: 161717
Ion Ratio Lower Upper
43 100
70 44.8 35.9 53.9
55 23.7 18.3 27.5
61 25.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.952 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

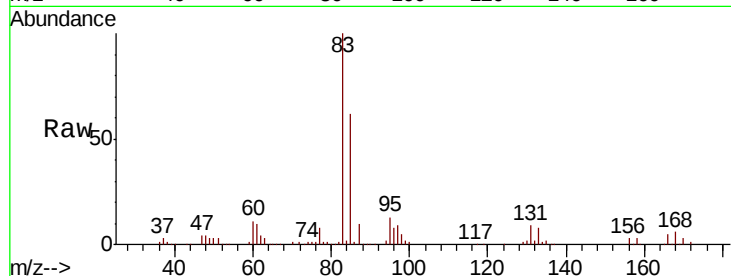
Tot Ion: 83 Resp: 114294

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

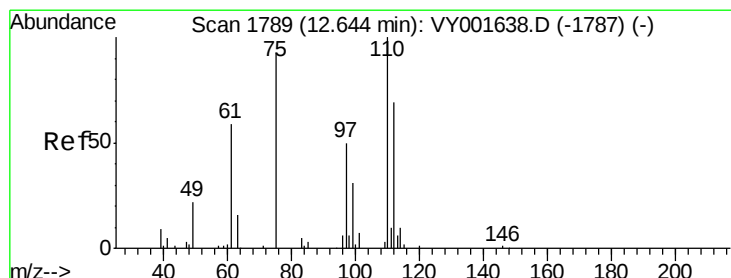
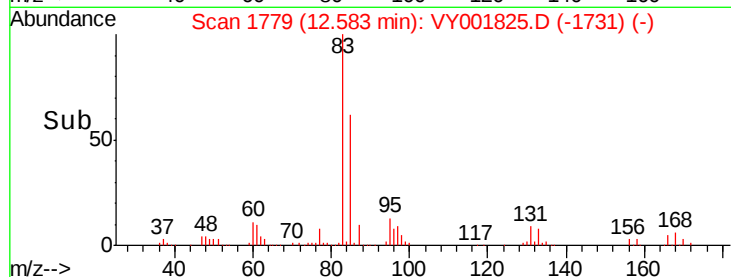
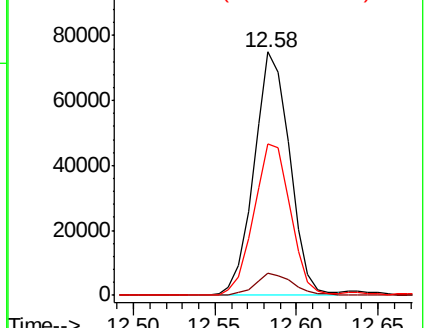
85 63.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001825.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001825.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001825.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 95.218 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VY001825.D

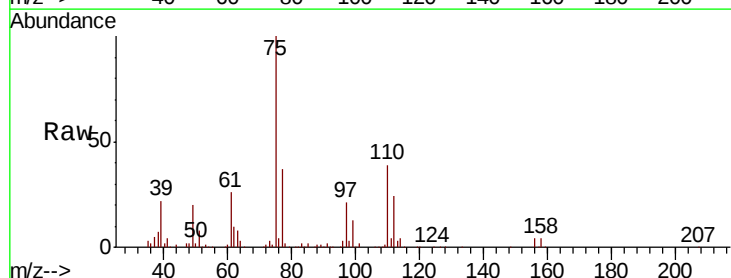
Acq: 03 Mar 2020 11:16

Tgt Ion: 75 Resp: 147727

Ion Ratio Lower Upper

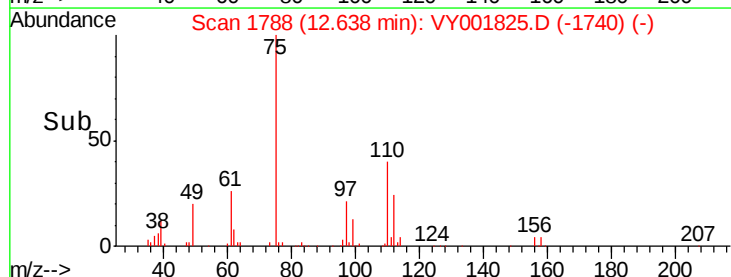
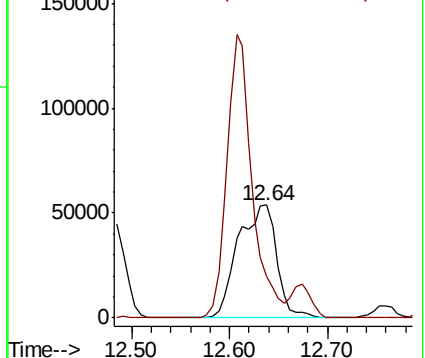
75 100

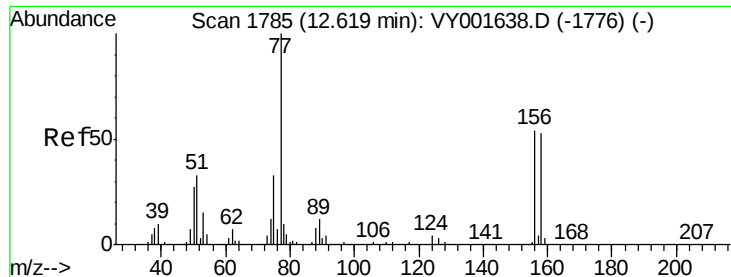
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001825.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001825.D (-1740) (-)





#77

Bromobenzene

Concen: 49.678 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

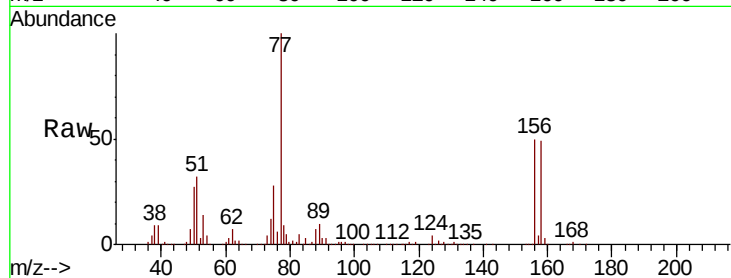
Tot Ion:156 Resp: 110959

Ion Ratio Lower Upper

156 100

77 217.9 110.1 330.1

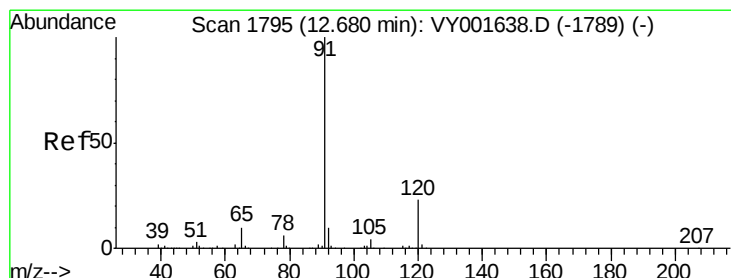
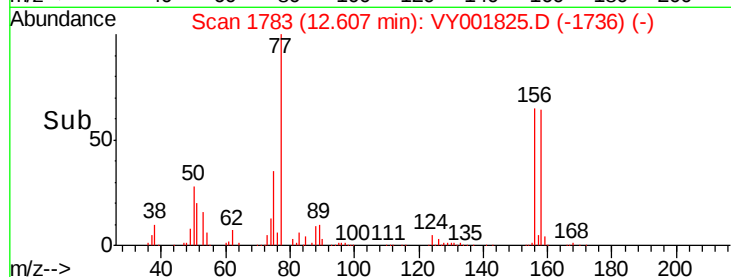
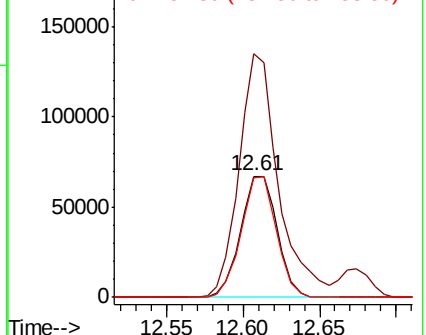
158 96.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.445 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001825.D

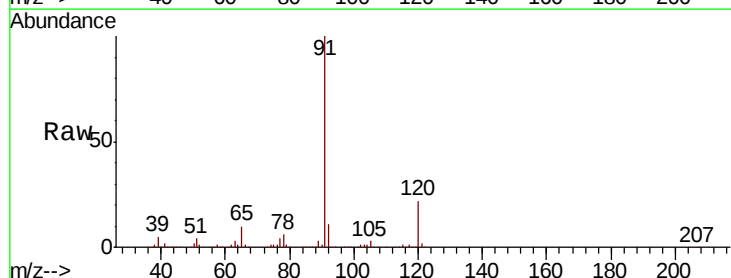
Acq: 03 Mar 2020 11:16

Tgt Ion: 91 Resp: 645560

Ion Ratio Lower Upper

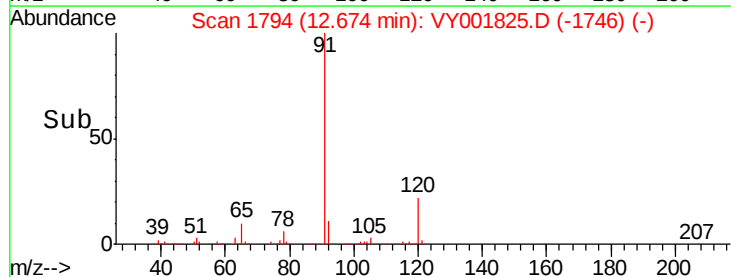
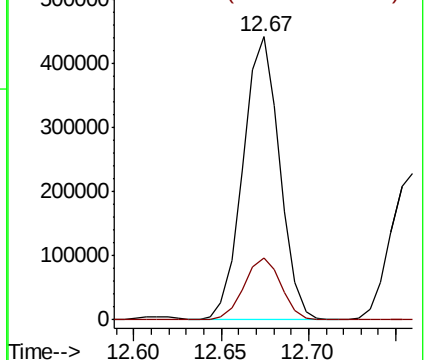
91 100

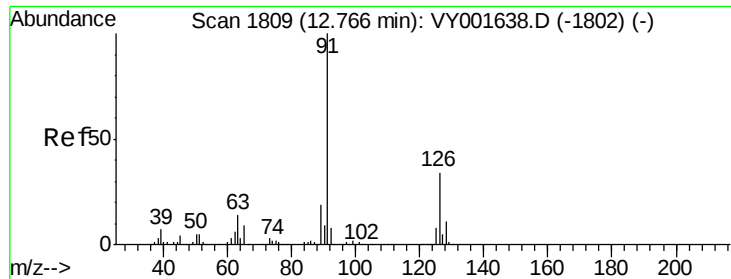
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

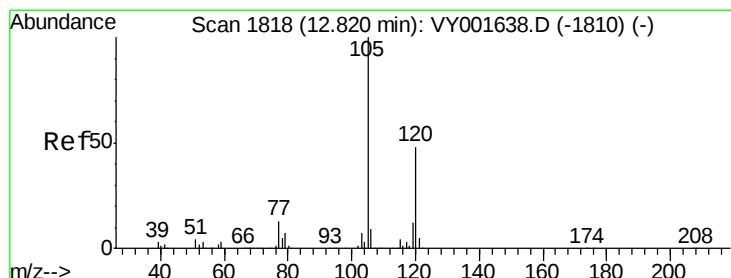
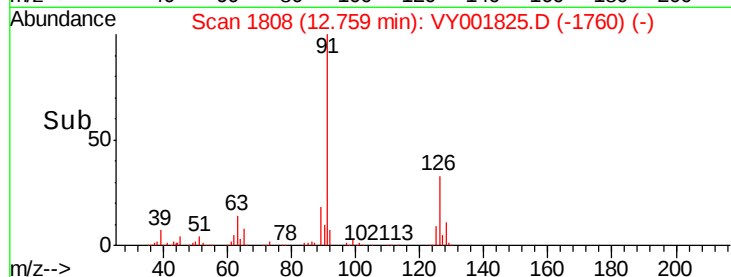
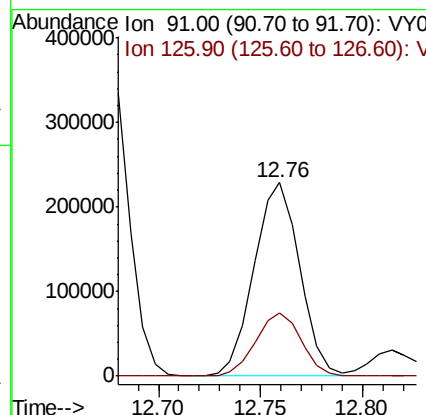
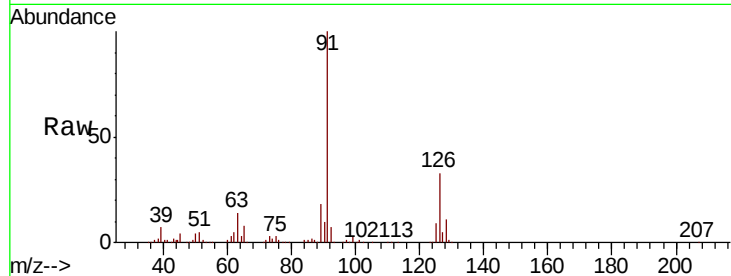




#79
 2-Chlorotoluene
 Concen: 50.606 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

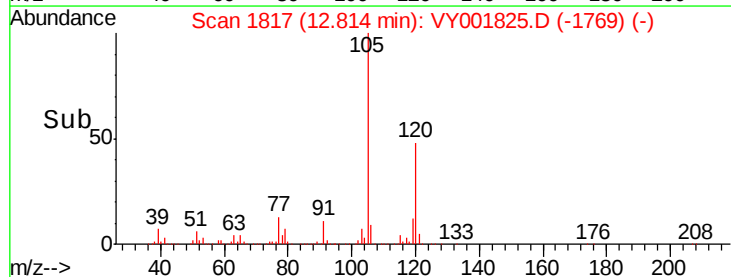
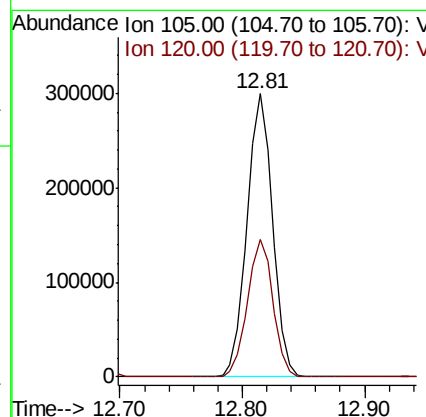
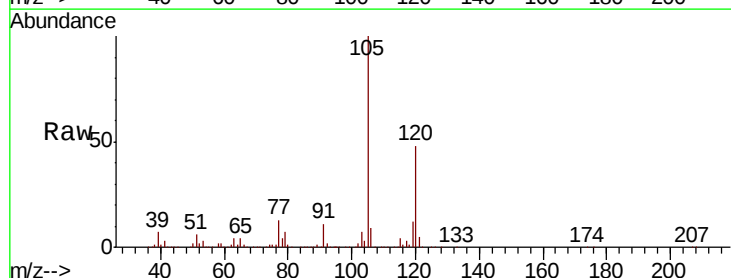
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

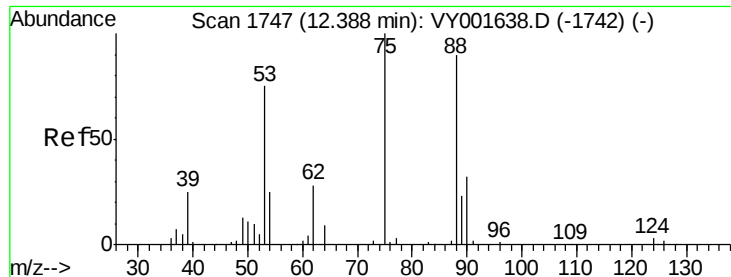
Tot Ion: 91 Resp: 356170
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.970 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 105 Resp: 434722
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9

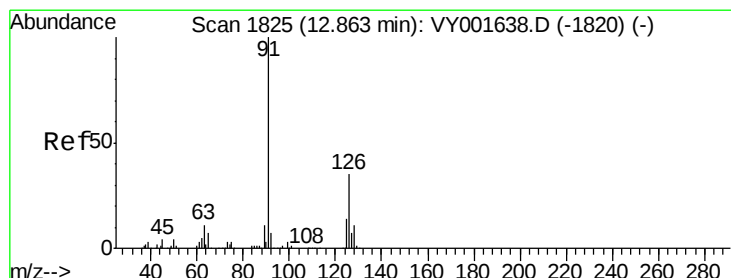
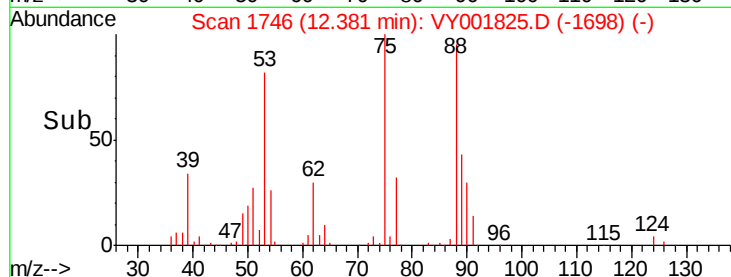
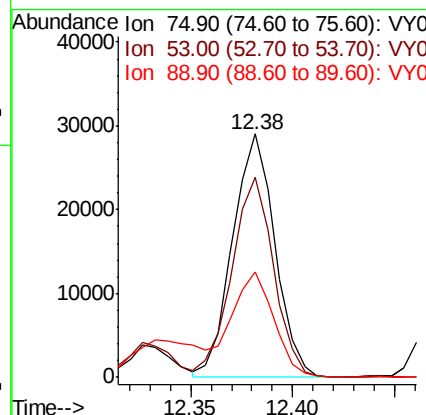
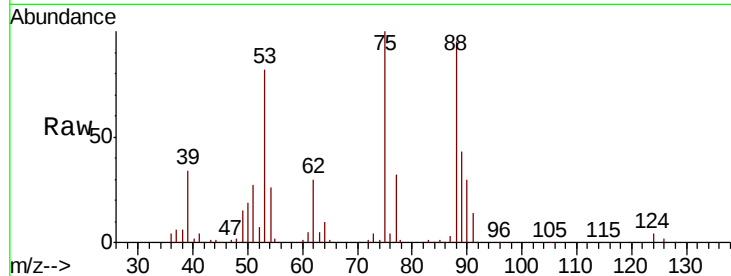




#81
trans-1,4-Dichloro-2-butene
Concen: 50.744 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

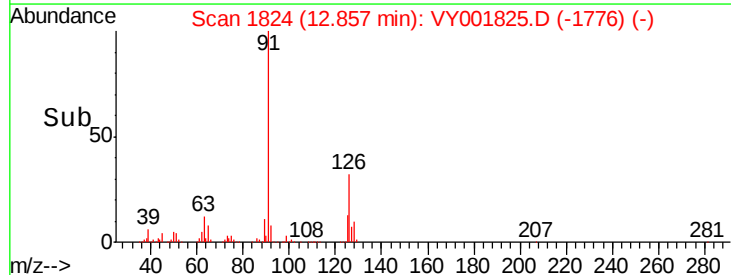
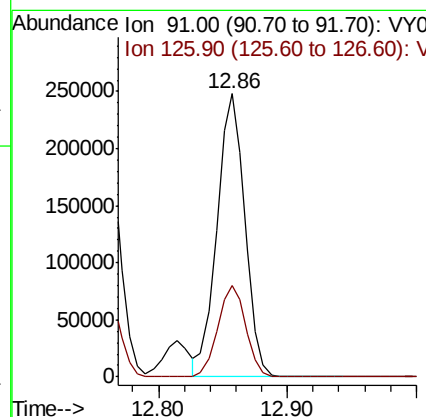
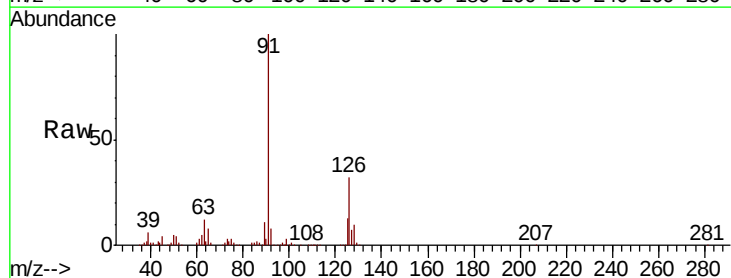
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

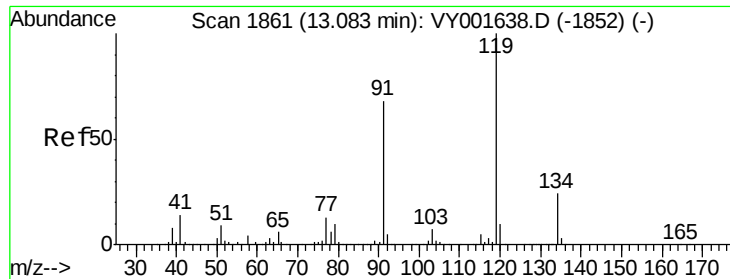
Tot Ion: 75 Resp: 41497
Ion Ratio Lower Upper
75 100
53 81.5 64.5 96.7
89 43.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.769 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 91 Resp: 376861
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

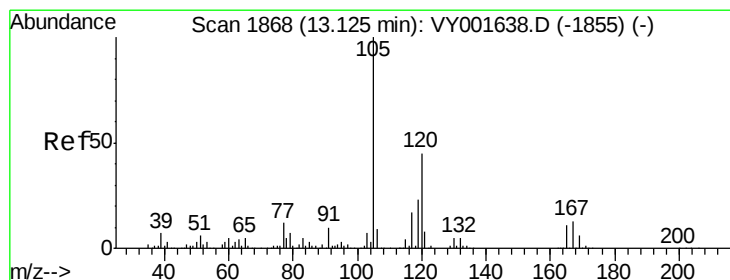
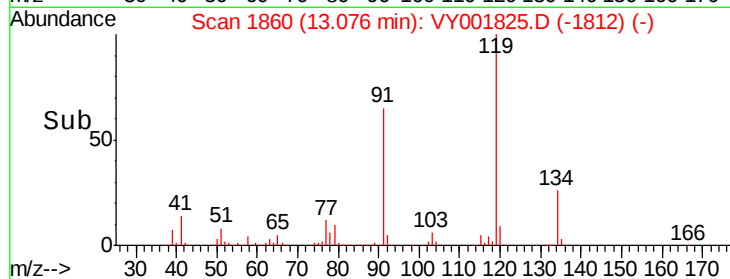
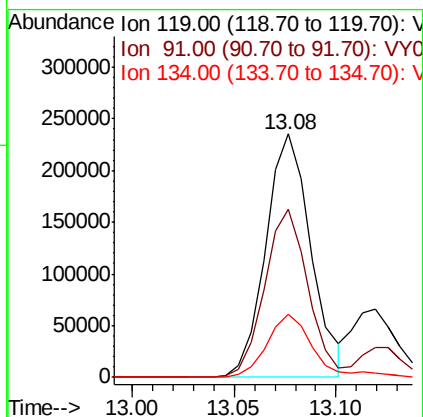
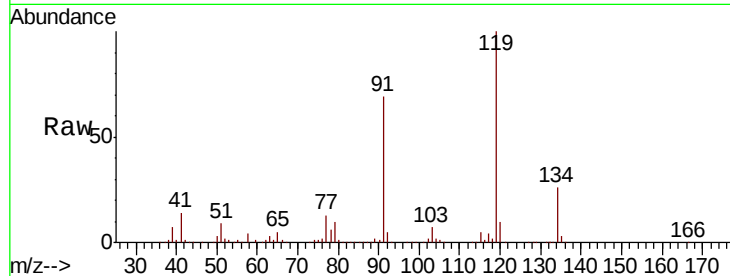




#83
tert-Butylbenzene
Concen: 50.887 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

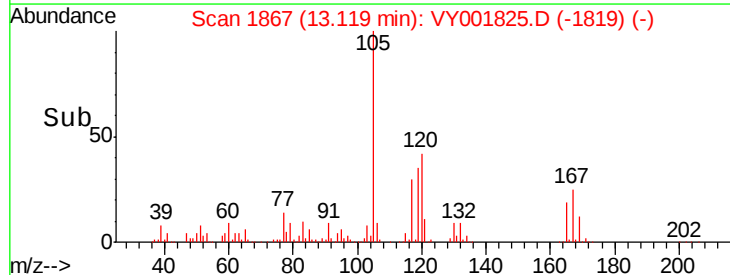
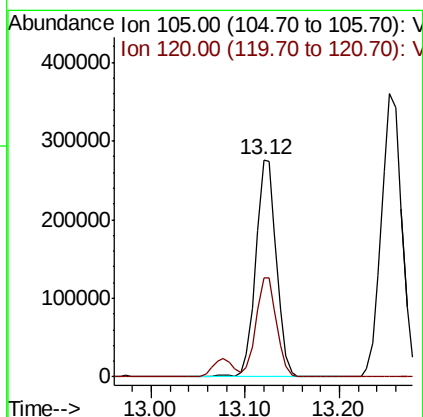
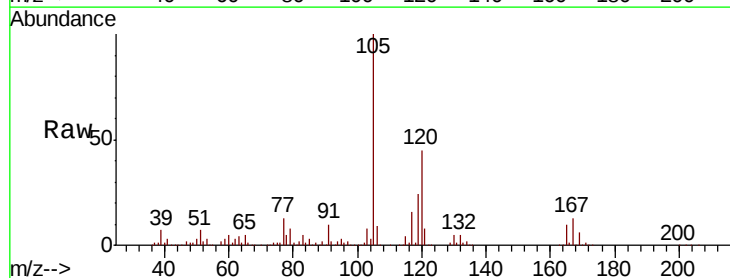
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

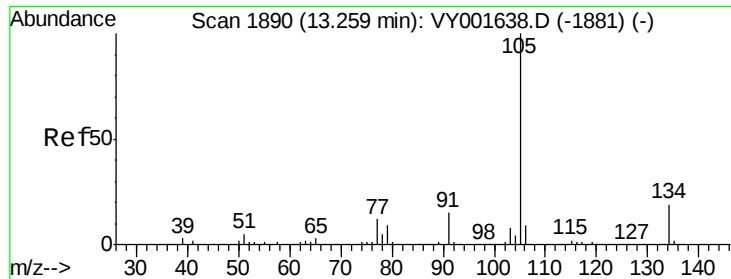
Tot Ion:119 Resp: 362990
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.5
134 26.4 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.220 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:105 Resp: 427025
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 51.645 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

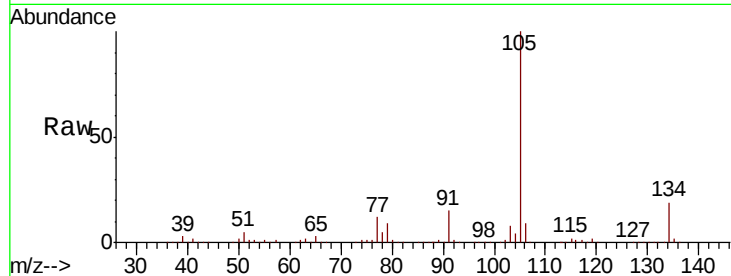
VSTDCCC050

Tot Ion:105 Resp: 541822

Ion Ratio Lower Upper

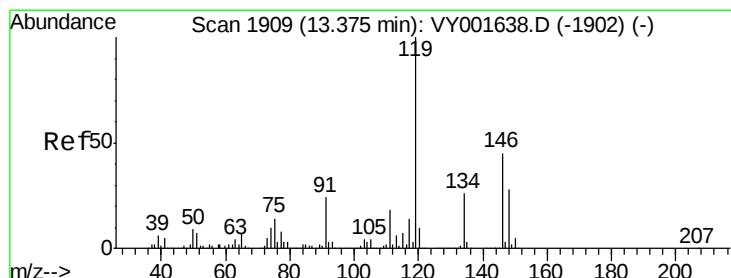
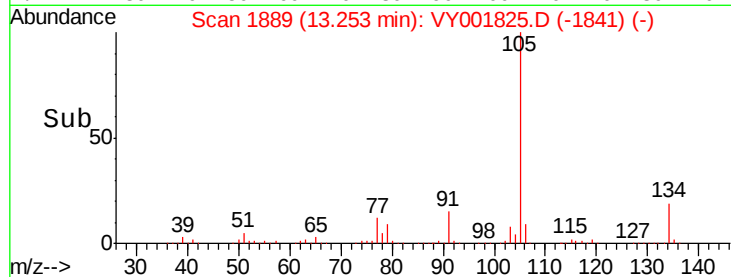
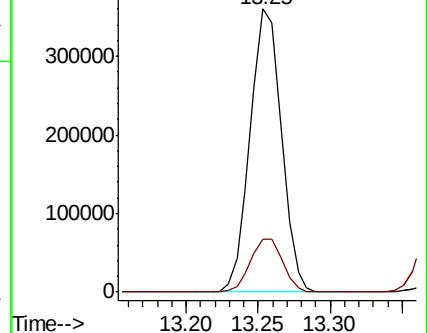
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.392 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

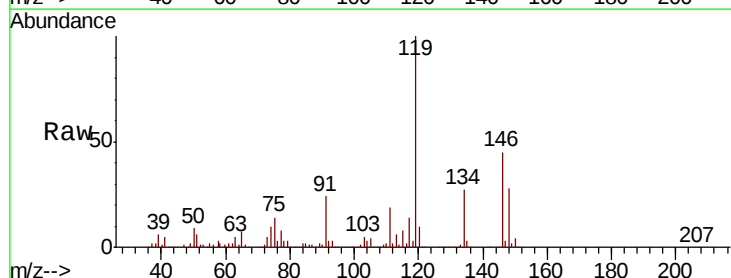
Tgt Ion:119 Resp: 459275

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

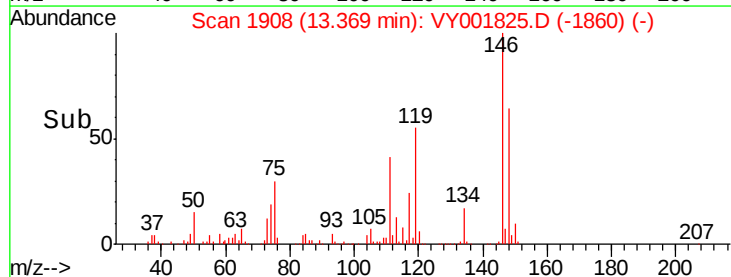
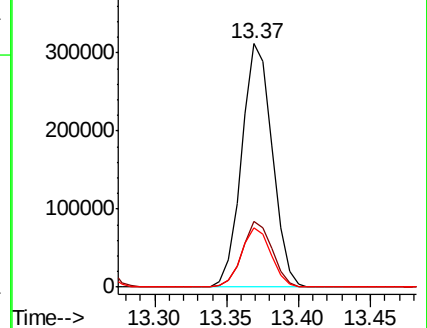
91 23.8 12.2 36.6

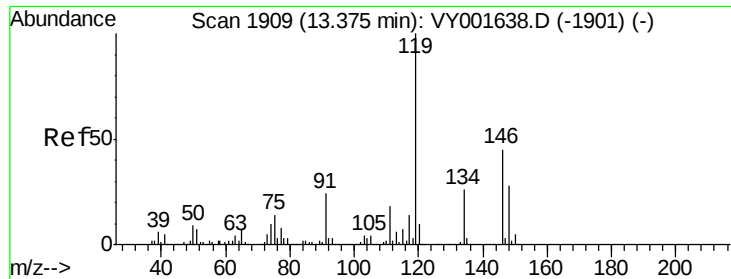


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

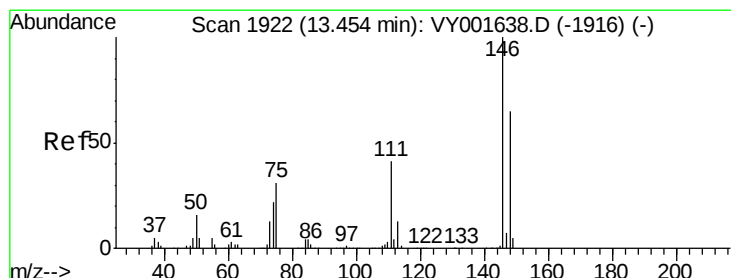
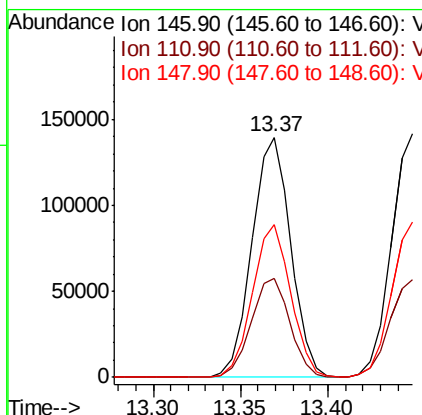
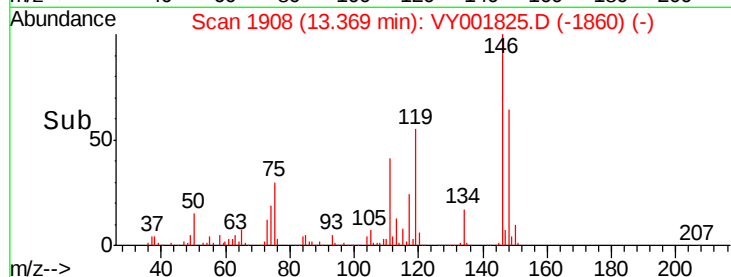
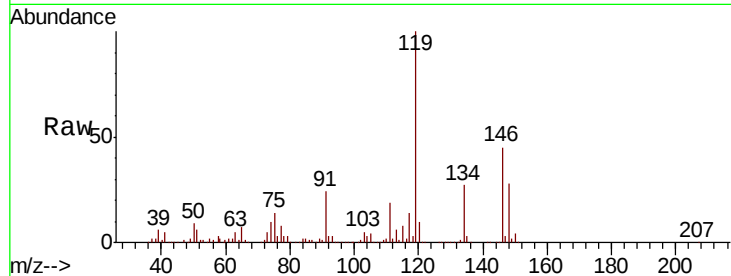




#87
 1,3-Dichlorobenzene
 Concen: 49.952 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

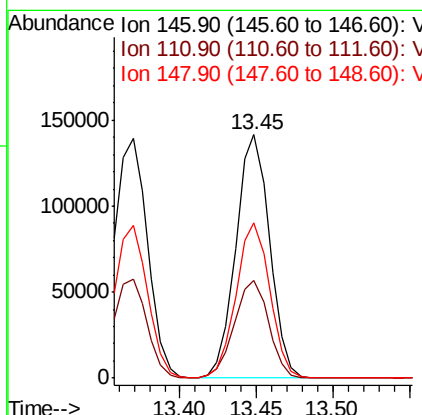
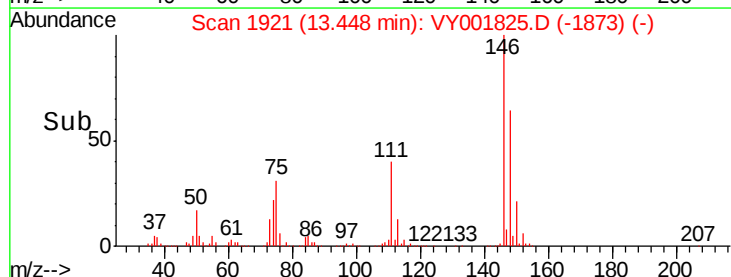
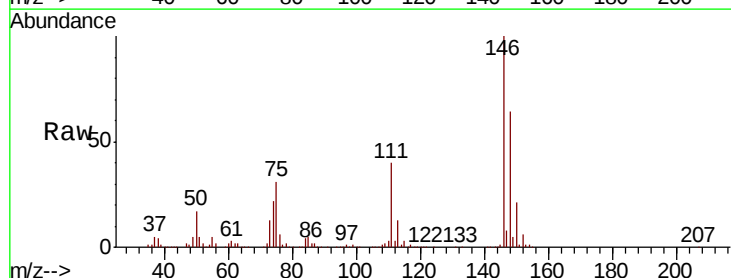
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

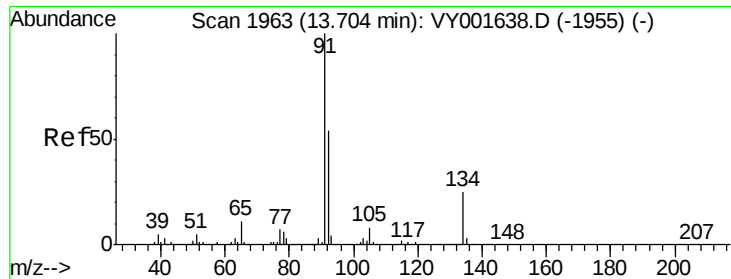
Tot Ion:146 Resp: 216381
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.4 64.3
 148 62.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 49.561 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion:146 Resp: 217016
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 51.083 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

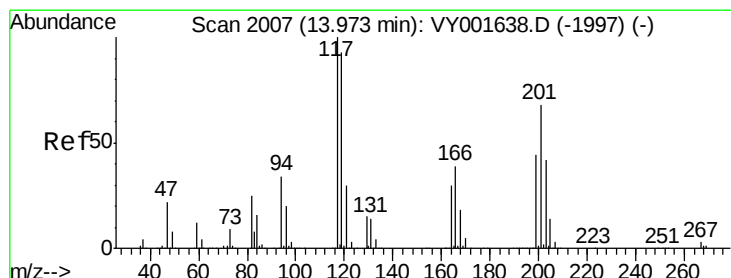
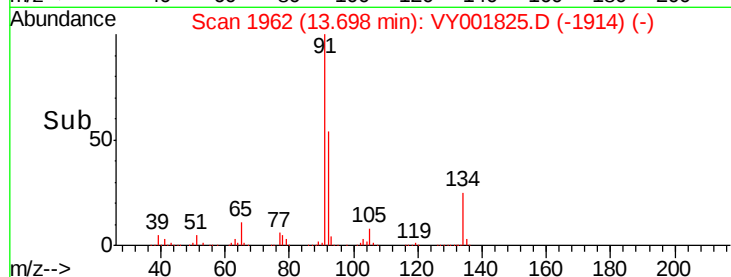
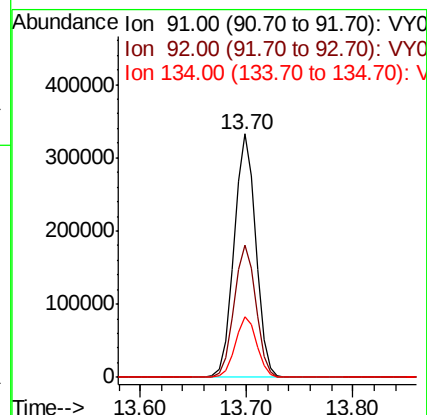
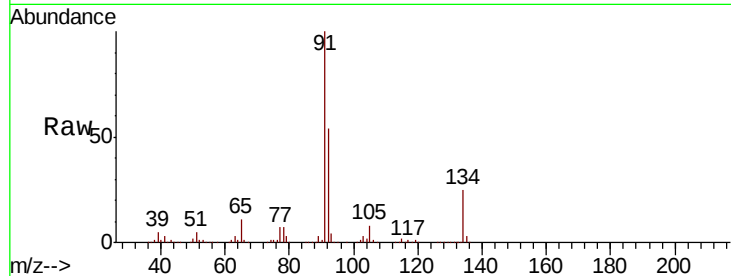
Tot Ion: 91 Resp: 475733

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

134 24.6 12.4 37.4



#90

Hexachloroethane

Concen: 50.783 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.01 min

Lab File: VY001825.D

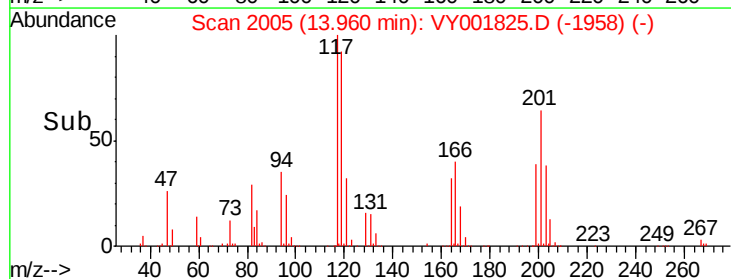
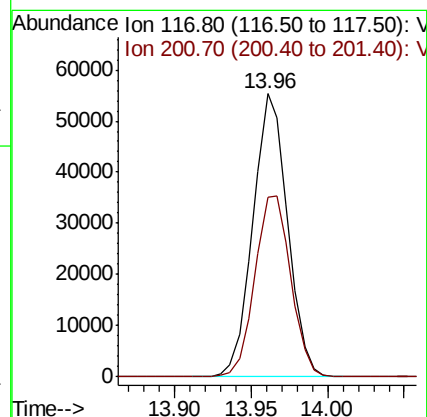
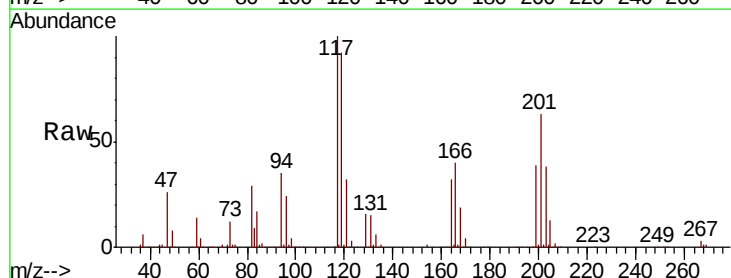
Acq: 03 Mar 2020 11:16

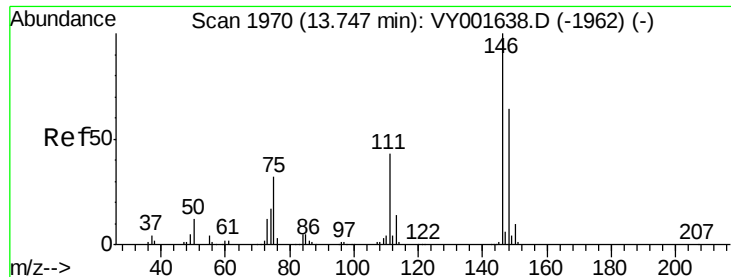
Tgt Ion: 117 Resp: 87203

Ion Ratio Lower Upper

117 100

201 66.3 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 49.568 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

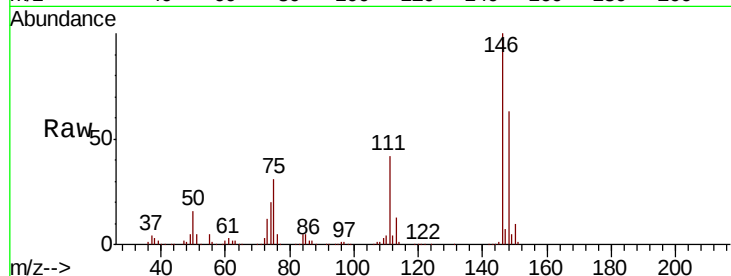
Tot Ion:146 Resp: 198153

Ion Ratio Lower Upper

146 100

111 42.9 21.9 65.7

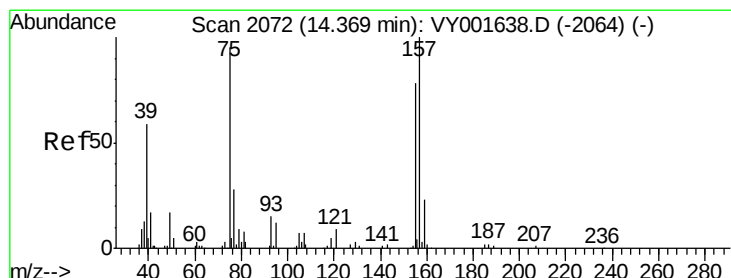
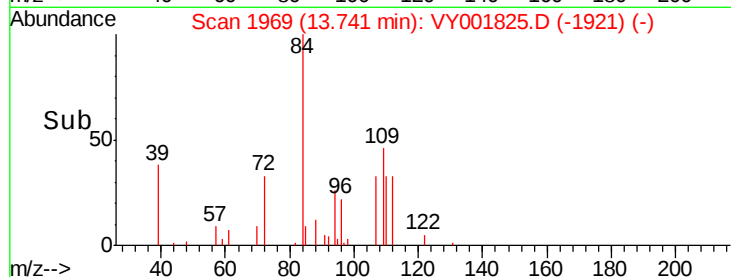
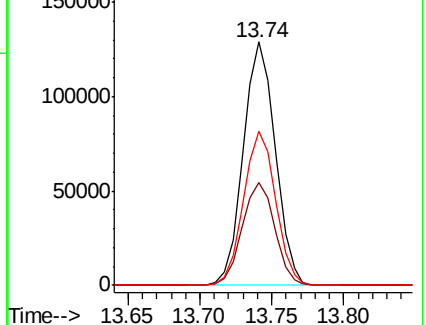
148 63.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.954 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

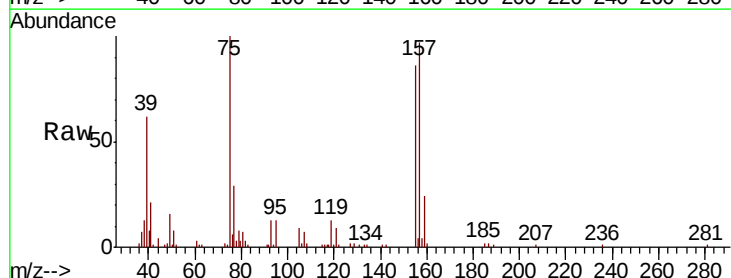
Tgt Ion: 75 Resp: 18137

Ion Ratio Lower Upper

75 100

155 83.1 40.8 122.4

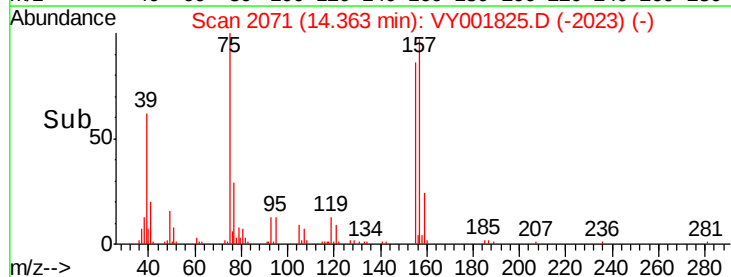
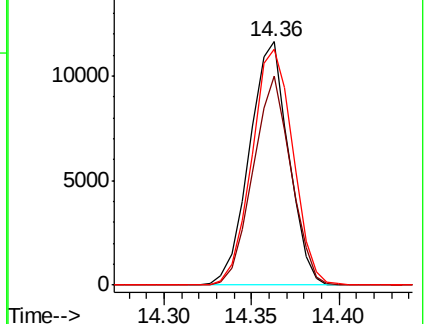
157 101.2 52.1 156.4

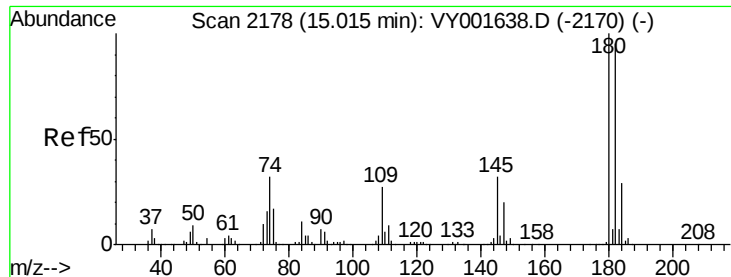


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

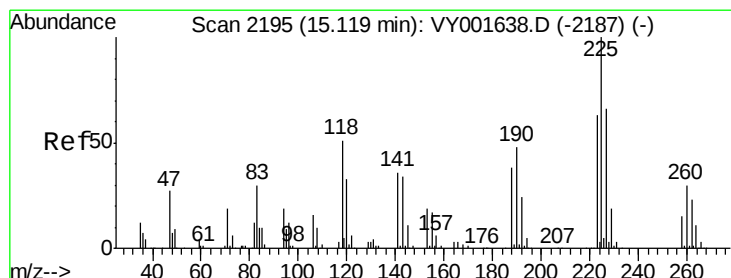
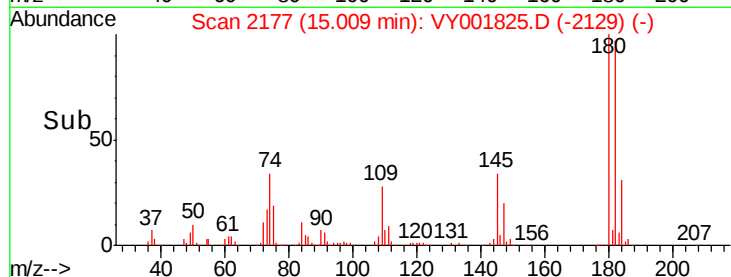
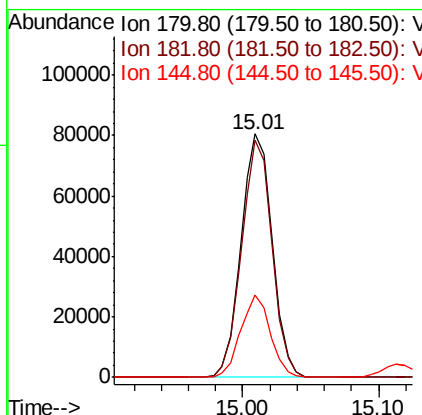
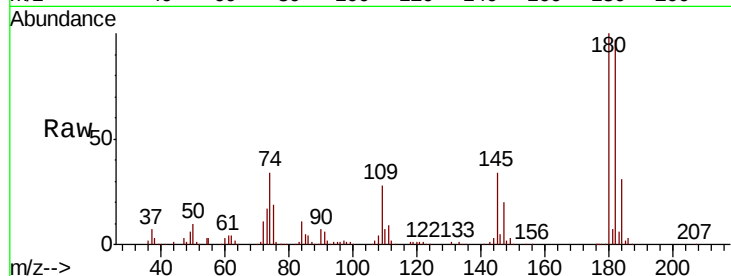




#93
 1,2,4-Trichlorobenzene
 Concen: 48.608 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

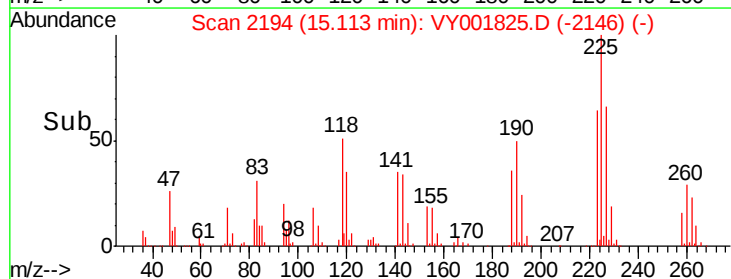
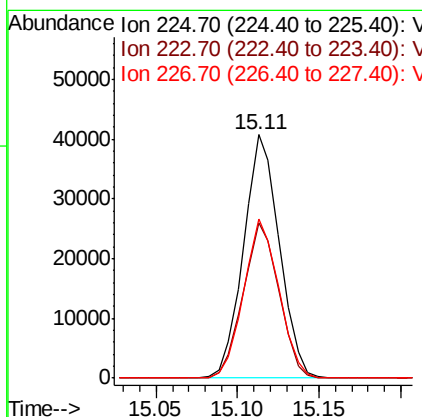
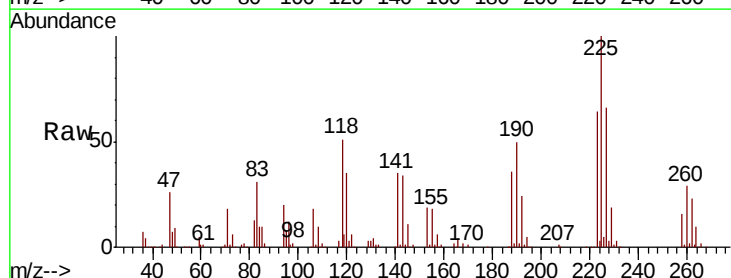
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

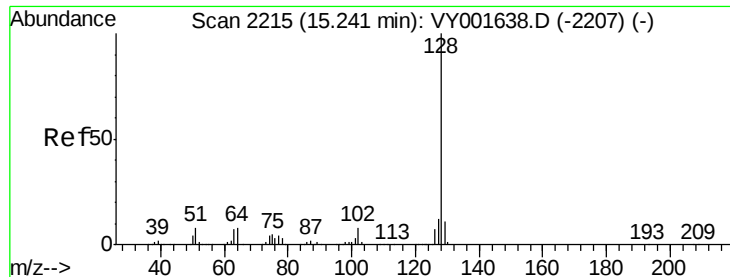
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.8	140.3
145	32.2	16.2	48.5



#94
 Hexachlorobutadiene
 Concen: 47.245 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.4	94.0
227	64.6	31.6	94.8

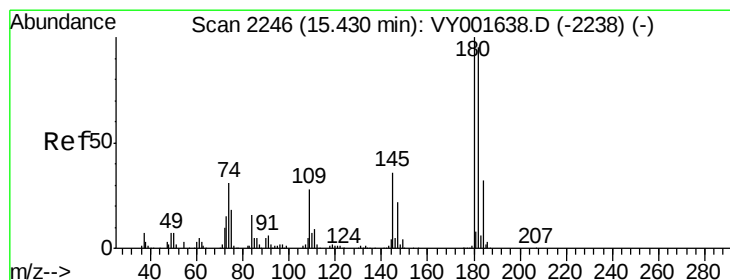
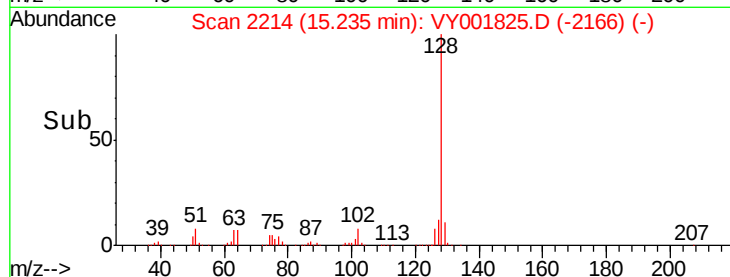
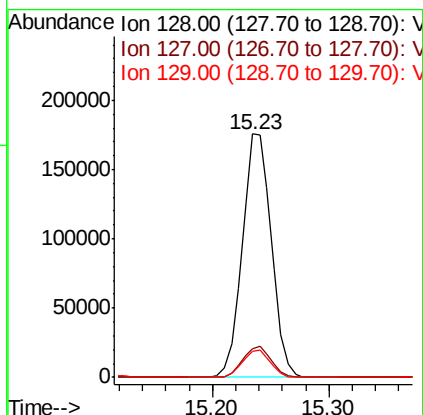
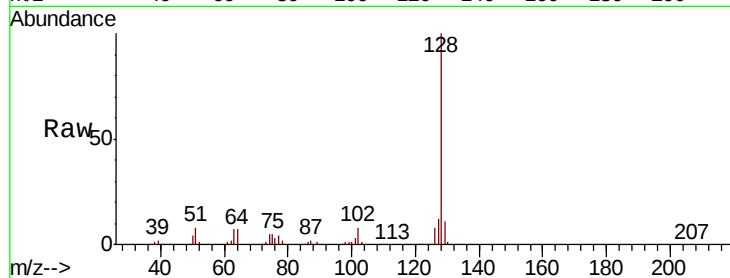




#95
Naphthalene
Concen: 49.777 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.964 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.2	141.6
145	33.7	17.3	52.0

