

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001840.D
 Acq On : 03 Mar 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 04 03:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	159775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	261919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121695	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	96080	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	
35) Dibromofluoromethane	7.74	113	87559	52.74	ug/l	-0.01
Spiked Amount			Recovery	=	105.48%	
50) Toluene-d8	10.19	98	358547	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	
62) 4-Bromofluorobenzene	12.49	95	130208	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	76272	48.973	ug/l	99
3) Chloromethane	2.12	50	95998	45.826	ug/l	99
4) Vinyl Chloride	2.26	62	97972	46.368	ug/l	99
5) Bromomethane	2.66	94	63425	48.030	ug/l	93
6) Chloroethane	2.80	64	62731	48.180	ug/l	97
7) Trichlorofluoromethane	3.14	101	140246	51.862	ug/l	97
8) Diethyl Ether	3.55	74	56995	53.463	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	90078	52.996	ug/l	99
10) Methyl Iodide	4.11	142	101583	48.833	ug/l	100
11) Tert butyl alcohol	4.99	59	51398	259.074	ug/l	100
12) 1,1-Dichloroethene	3.89	96	88221	50.889	ug/l	96
13) Acrolein	3.75	56	44641	257.191	ug/l	98
14) Allyl chloride	4.50	41	164163	53.208	ug/l	98
15) Acrylonitrile	5.19	53	158304	289.704	ug/l	100
16) Acetone	3.97	43	138101	232.235	ug/l	99
17) Carbon Disulfide	4.21	76	262440	45.344	ug/l	100
18) Methyl Acetate	4.50	43	72784	56.203	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	259388	53.741	ug/l	99
20) Methylene Chloride	4.74	84	105965	50.167	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	100323	50.722	ug/l	100
22) Diisopropyl ether	6.14	45	347033	54.771	ug/l	95
23) Vinyl Acetate	6.08	43	1143033	276.568	ug/l	98
24) 1,1-Dichloroethane	6.05	63	180961	53.437	ug/l	99
25) 2-Butanone	7.01	43	211801	262.188	ug/l	98
26) 2,2-Dichloropropane	7.00	77	147805	50.167	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	114409	52.403	ug/l	100
28) Bromochloromethane	7.36	49	85822	60.838	ug/l	95
29) Tetrahydrofuran	7.37	42	136589	279.744	ug/l	99
30) Chloroform	7.53	83	172168	52.032	ug/l	96
31) Cyclohexane	7.80	56	174273	48.267	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	144786	52.062	ug/l	99
36) 1,1-Dichloropropene	7.94	75	141008	50.929	ug/l	100
37) Ethyl Acetate	7.10	43	91671	55.474	ug/l	98
38) Carbon Tetrachloride	7.92	117	120893	49.711	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001840.D
 Acq On : 03 Mar 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 04 03:41:50 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	9.20	83	179384	48.837	ug/l	96
40) Benzene	8.18	78	422689	51.909	ug/l	99
41) Methacrylonitrile	7.36	41	122917	148.139	ug/l #	99
42) 1,2-Dichloroethane	8.25	62	113097	50.982	ug/l	100
43) Isopropyl Acetate	8.29	43	170635	54.422	ug/l	99
44) Trichloroethene	8.96	130	102003	50.180	ug/l	97
45) 1,2-Dichloropropane	9.23	63	110473	54.172	ug/l	98
46) Dibromomethane	9.32	93	56452	52.925	ug/l	99
47) Bromodichloromethane	9.51	83	135021	52.450	ug/l	100
48) Methyl methacrylate	9.31	41	75911	53.533	ug/l	98
49) 1,4-Dioxane	9.32	88	15790	1048.115	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	447635	277.872	ug/l	99
52) Toluene	10.25	92	258132	50.820	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148358	52.130	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172841	52.768	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	86035	54.702	ug/l	98
56) Ethyl methacrylate	10.52	69	127049	53.846	ug/l	98
57) 1,3-Dichloropropane	10.80	76	150236	53.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	230725	260.847	ug/l	99
59) 2-Hexanone	10.84	43	319735	264.525	ug/l	99
60) Dibromochloromethane	11.00	129	90682	52.296	ug/l	100
61) 1,2-Dibromoethane	11.10	107	79481	53.446	ug/l	98
64) Tetrachloroethene	10.73	164	80478	48.946	ug/l	96
65) Chlorobenzene	11.52	112	267499	51.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	90986	51.580	ug/l	99
67) Ethyl Benzene	11.60	91	499852	51.509	ug/l	100
68) m/p-Xylenes	11.71	106	374299	103.257	ug/l	98
69) o-Xylene	12.03	106	176947	51.345	ug/l	98
70) Styrene	12.05	104	311438	52.000	ug/l	99
71) Bromoform	12.22	173	52458	52.038	ug/l #	97
73) Isopropylbenzene	12.34	105	481940	51.984	ug/l	99
74) N-amyl acetate	12.15	43	158190	53.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	108720	54.922	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	138042	98.884	ug/l #	100
77) Bromobenzene	12.61	156	102153	50.828	ug/l	99
78) n-propylbenzene	12.68	91	593553	52.568	ug/l	100
79) 2-Chlorotoluene	12.77	91	328733	51.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	397038	51.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	39704	53.958	ug/l	98
82) 4-Chlorotoluene	12.86	91	347144	51.974	ug/l	100
83) tert-Butylbenzene	13.08	119	333694	51.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	397102	51.902	ug/l	100
85) sec-Butylbenzene	13.26	105	493621	52.290	ug/l	100
86) p-Isopropyltoluene	13.38	119	425109	51.837	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	199921	51.291	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	201100	51.041	ug/l	100
89) n-Butylbenzene	13.70	91	435863	52.014	ug/l	100
90) Hexachloroethane	13.97	117	80754	52.264	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	183146	50.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17510	53.598	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
Data File : VY001840.D
Acq On : 03 Mar 2020 17:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 04 03:41:50 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	15.02	180	118750	49.817	ug/l	98
94) Hexachlorobutadiene	15.12	225	58176	49.074	ug/l	99
95) Naphthalene	15.25	128	290907	52.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106856	50.954	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

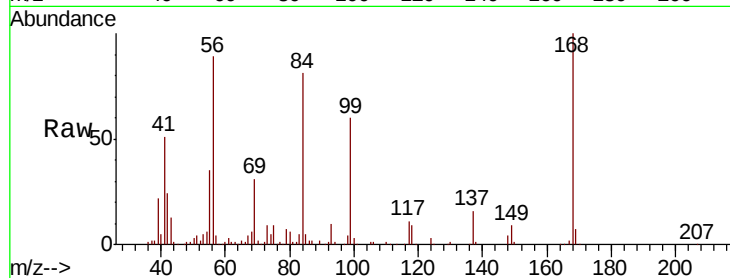
VSTDCCC050EC

Tot Ion:168 Resp: 159775

Ion Ratio Lower Upper

168 100

99 59.8 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) (-)

7.81

80000

60000

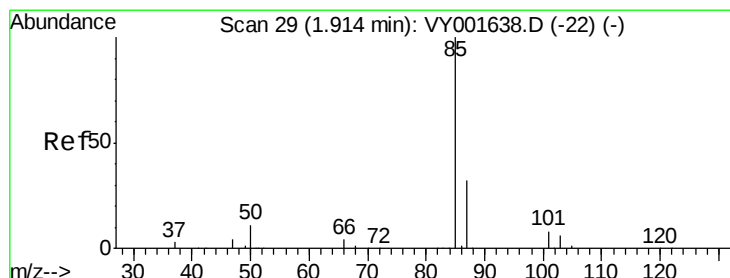
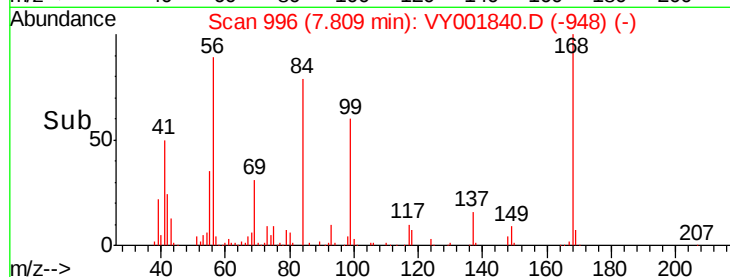
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.973 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001840.D

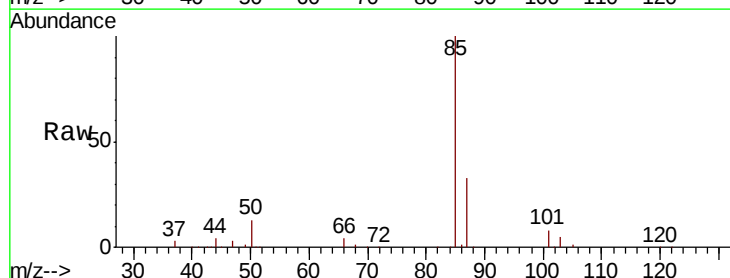
Acq: 03 Mar 2020 17:11

Tgt Ion: 85 Resp: 76272

Ion Ratio Lower Upper

85 100

87 32.9 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) (-)

1.91

60000

50000

40000

30000

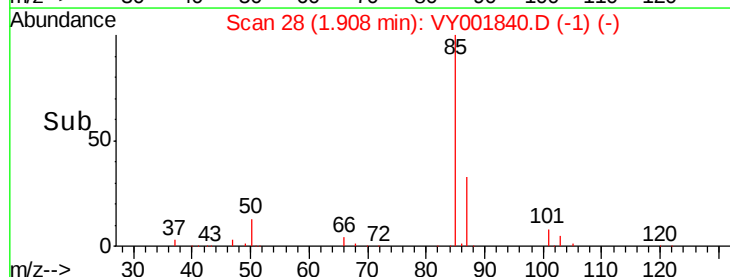
20000

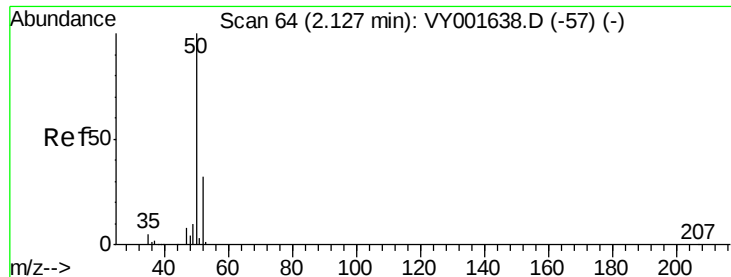
10000

0

1.85 1.90 1.95 2.00

Time-->

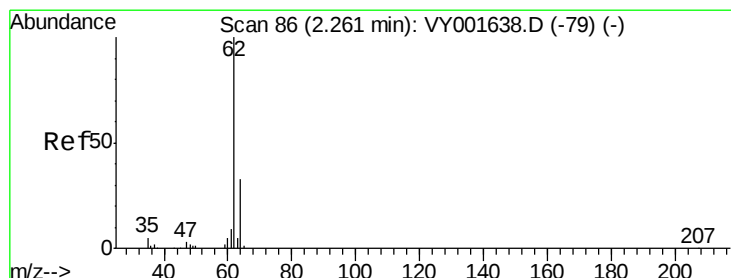
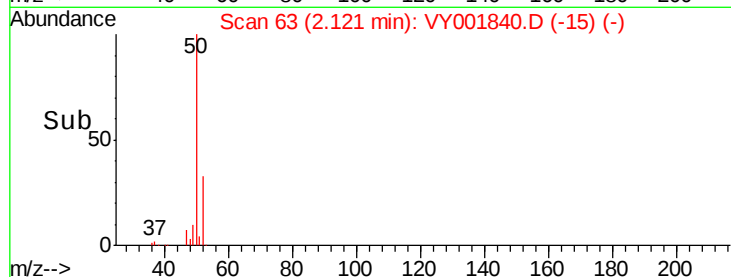
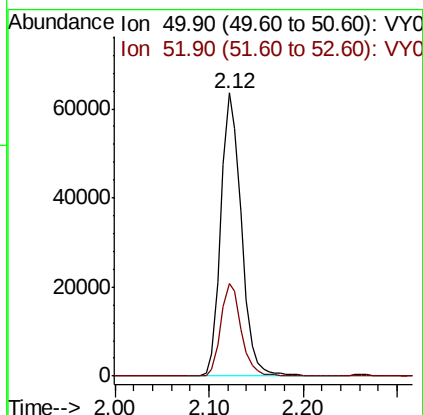
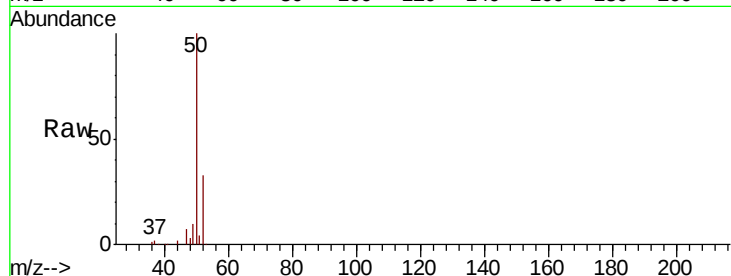




#3
Chloromethane
Concen: 45.826 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

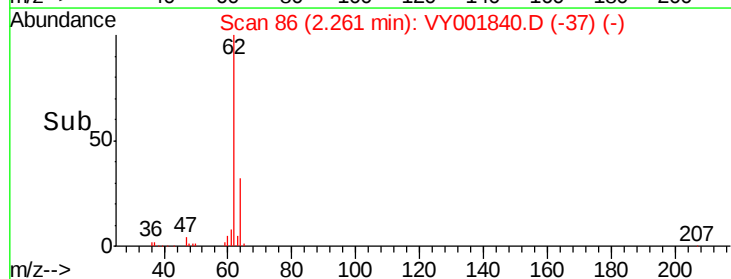
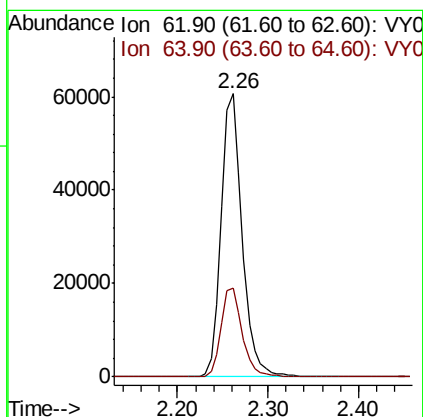
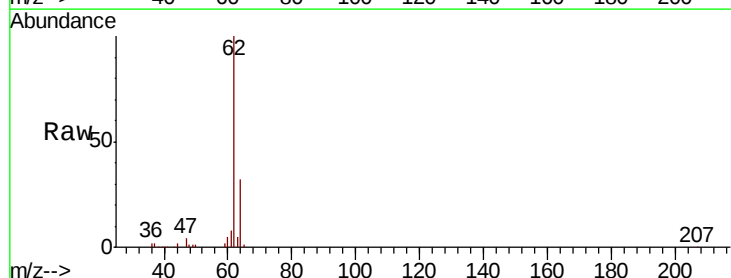
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

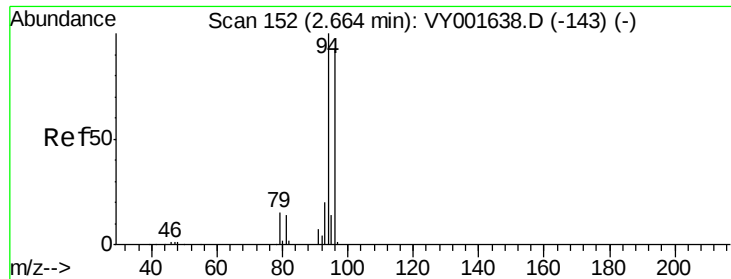
Tot Ion: 50 Resp: 95998
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.6



#4
Vinyl Chloride
Concen: 46.368 ug/l
RT: 2.26 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 62 Resp: 97972
Ion Ratio Lower Upper
62 100
64 31.6 24.9 37.3





#5

Bromomethane

Concen: 48.030 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

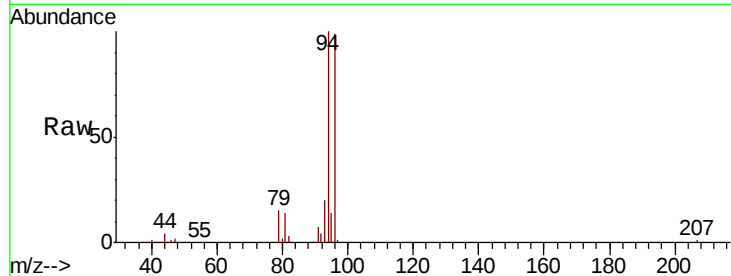
VSTDCCC050EC

Tot Ion: 94 Resp: 63425

Ion Ratio Lower Upper

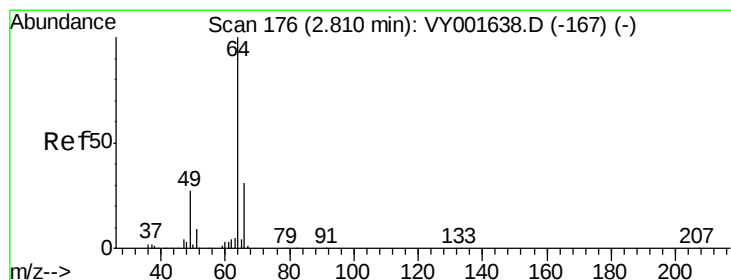
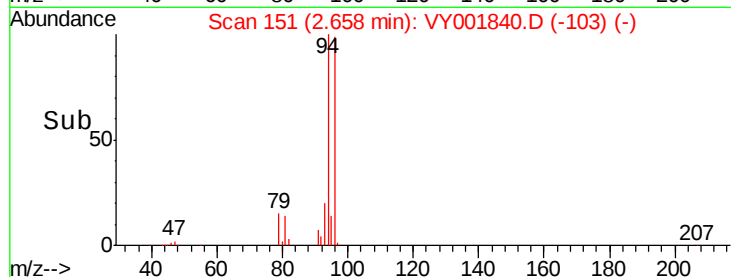
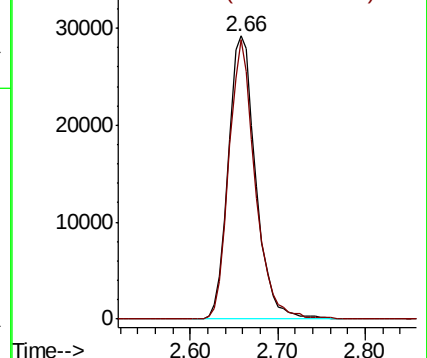
94 100

96 98.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.180 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001840.D

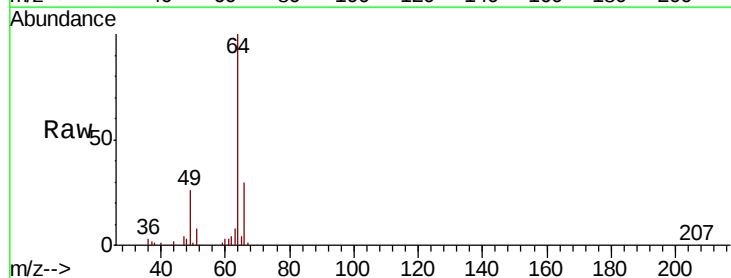
Acq: 03 Mar 2020 17:11

Tgt Ion: 64 Resp: 62731

Ion Ratio Lower Upper

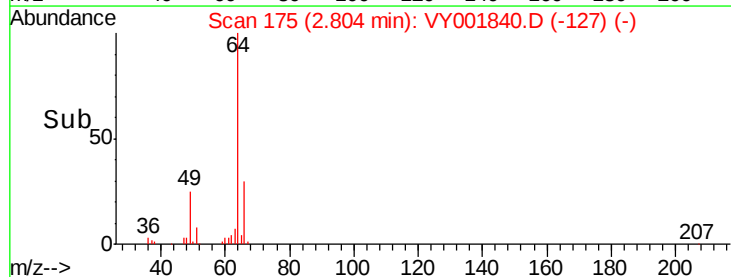
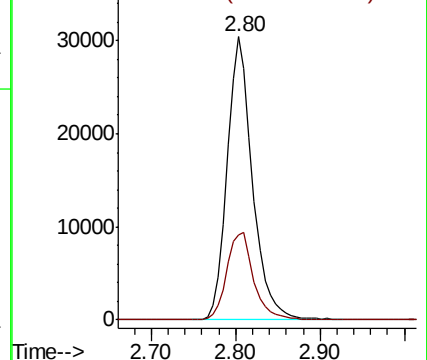
64 100

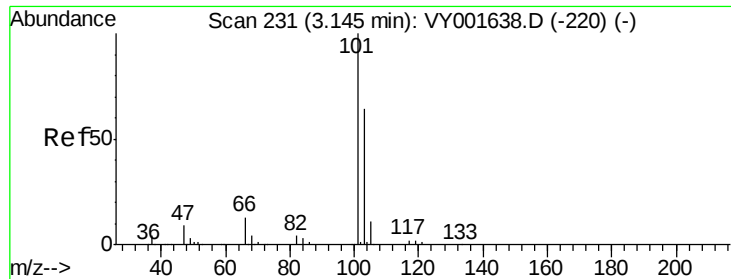
66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



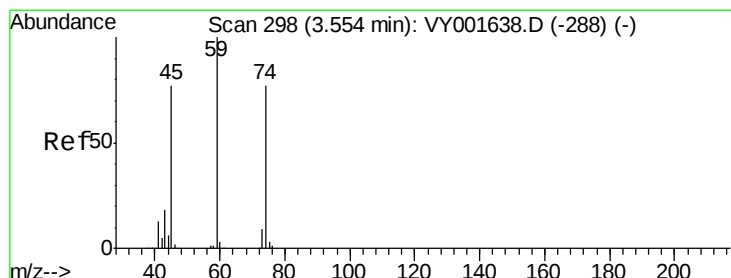
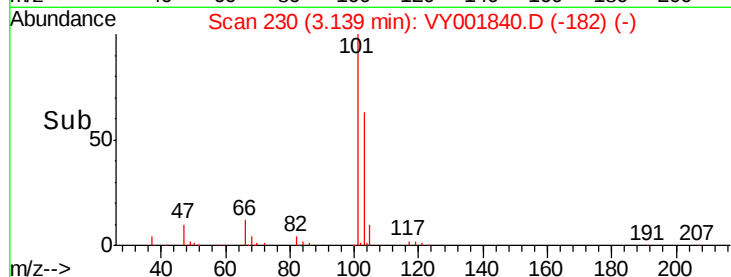
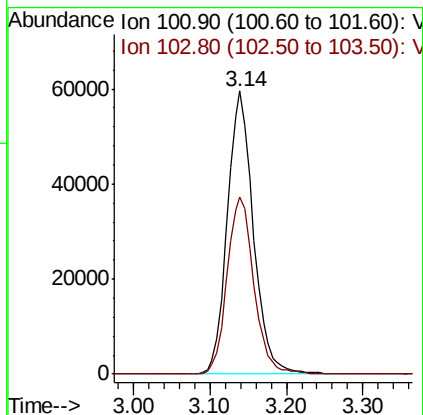
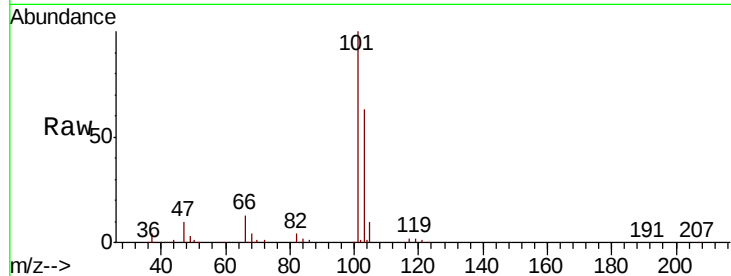


#7

Trichlorofluoromethane
 Concen: 51.862 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

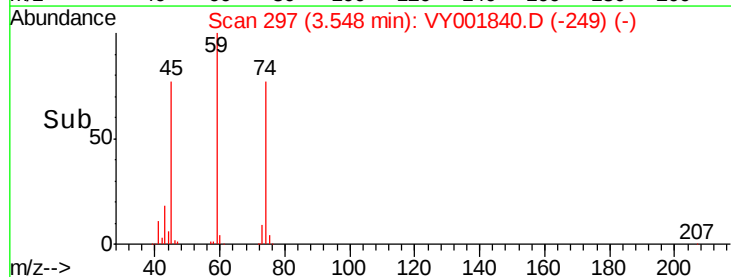
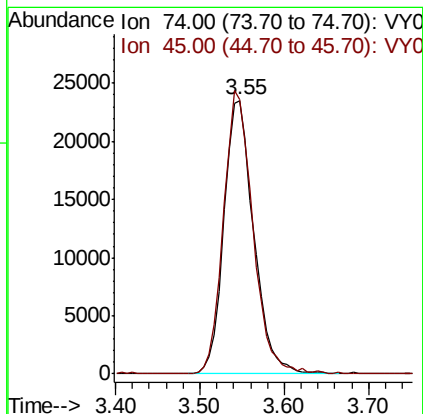
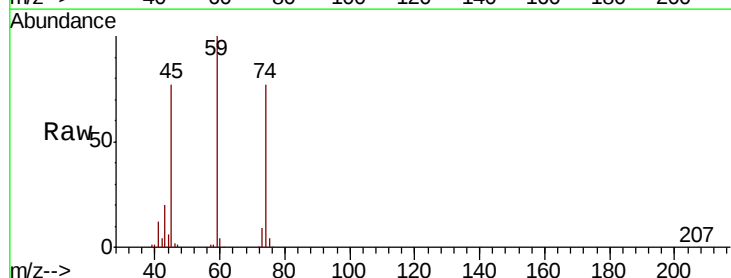
Tot Ion:101 Resp: 140246
 Ion Ratio Lower Upper
 101 100
 103 62.6 52.2 78.2

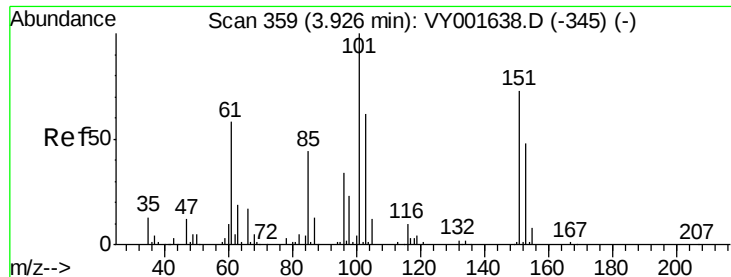


#8

Diethyl Ether
 Concen: 53.463 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 74 Resp: 56995
 Ion Ratio Lower Upper
 74 100
 45 101.6 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.996 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

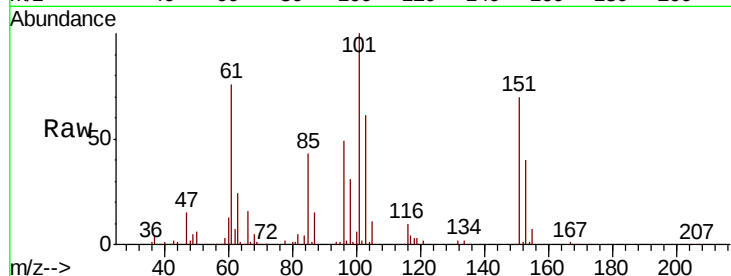
Tot Ion:101 Resp: 90078

Ion Ratio Lower Upper

101 100

85 44.8 35.1 52.7

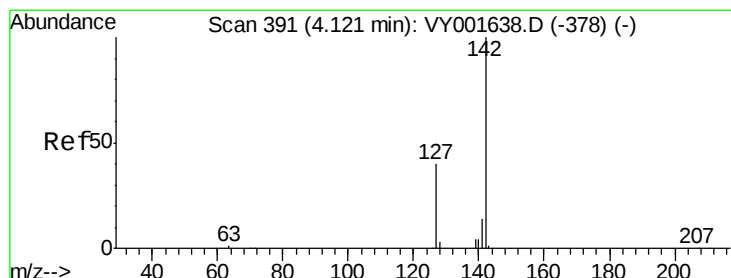
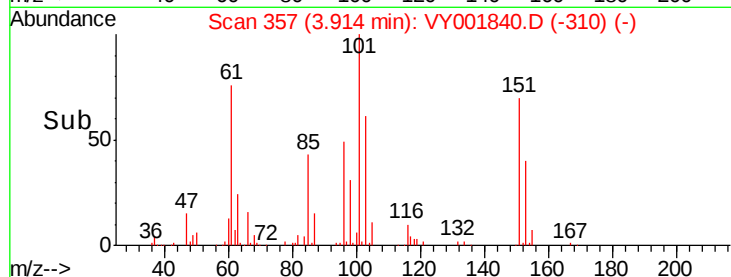
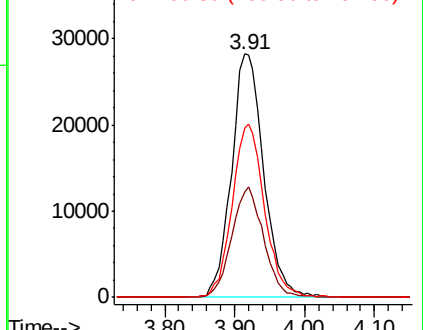
151 71.7 58.4 87.6



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: 48.833 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

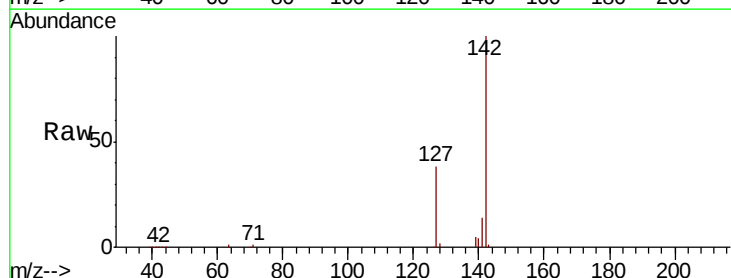
Tgt Ion:142 Resp: 101583

Ion Ratio Lower Upper

142 100

127 40.0 32.1 48.1

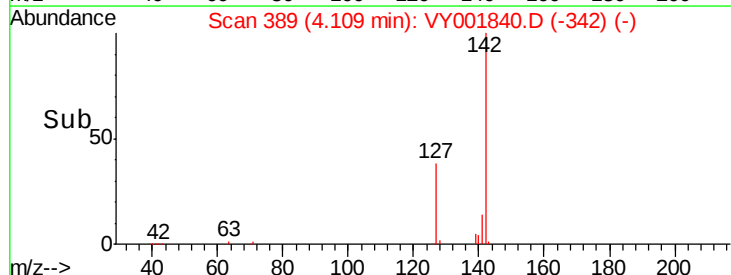
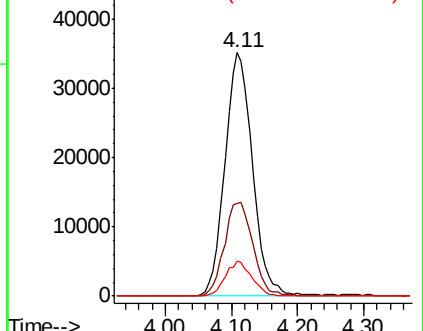
141 13.9 11.3 16.9

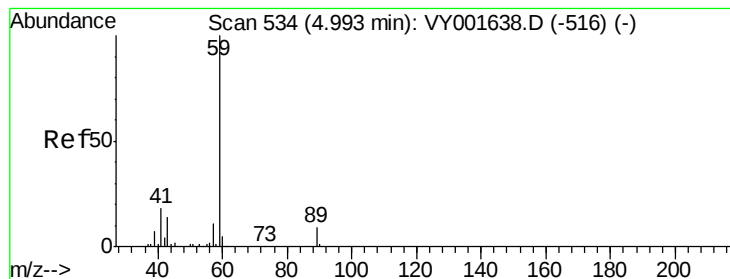


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



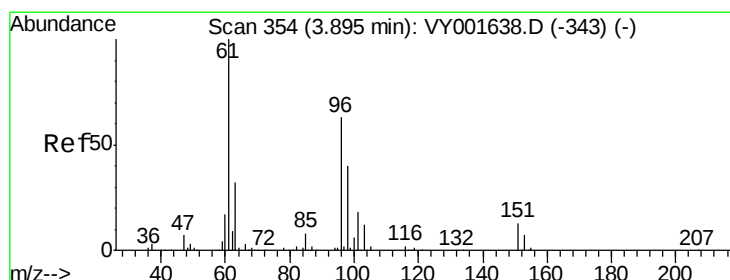
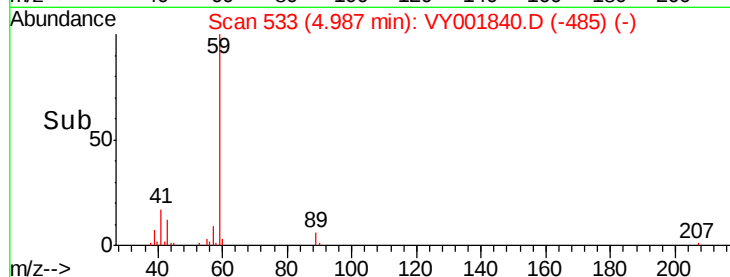
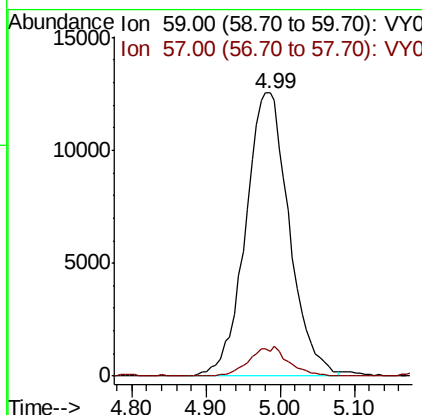
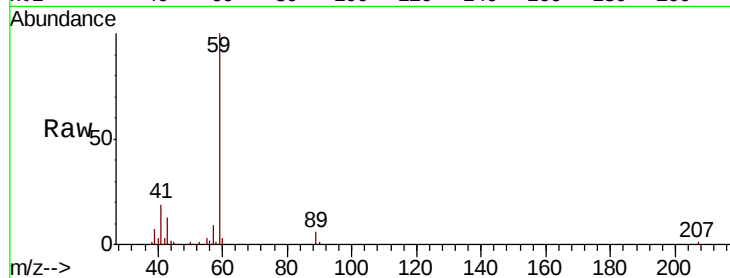


#11

Tert butyl alcohol
 Concen: 259.074 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

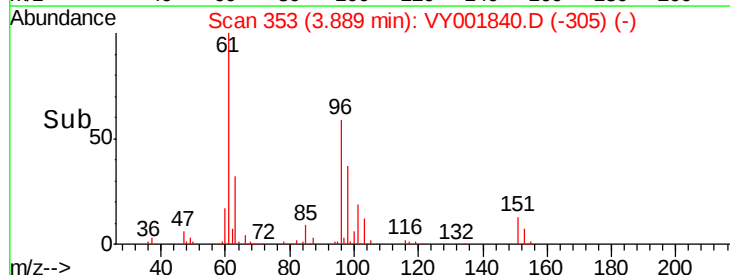
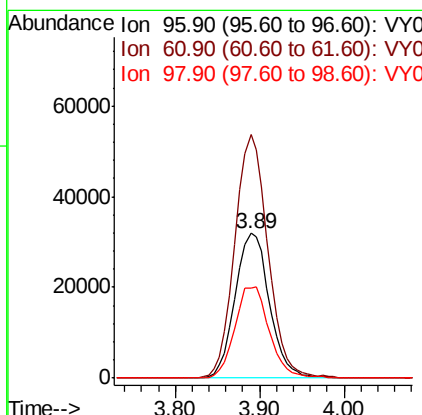
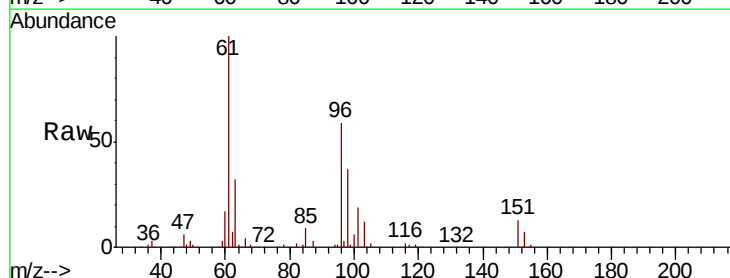
Tot Ion: 59 Resp: 51398
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.4 11.2

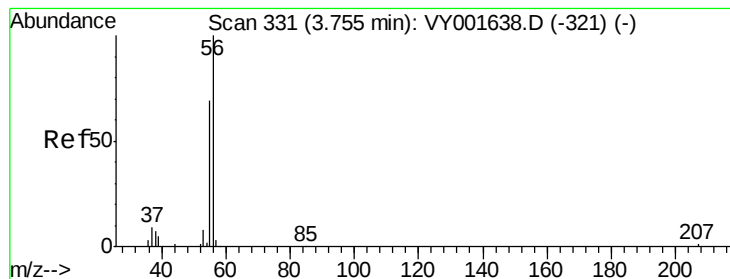


#12

1,1-Dichloroethene
 Concen: 50.889 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 96 Resp: 88221
 Ion Ratio Lower Upper
 96 100
 61 168.3 128.7 193.1
 98 62.1 50.7 76.1





#13

Acrolein

Concen: 257.191 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

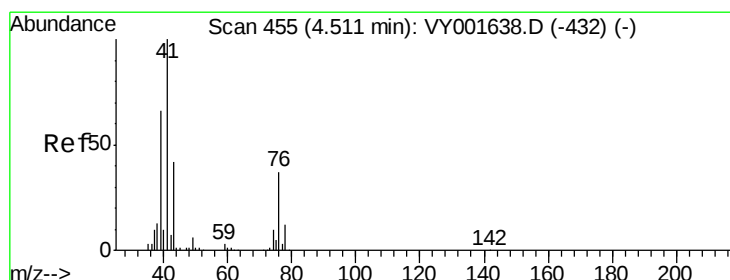
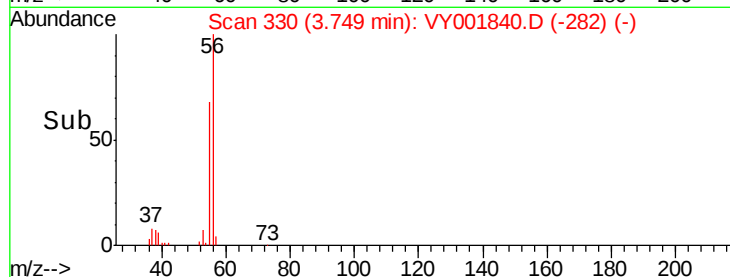
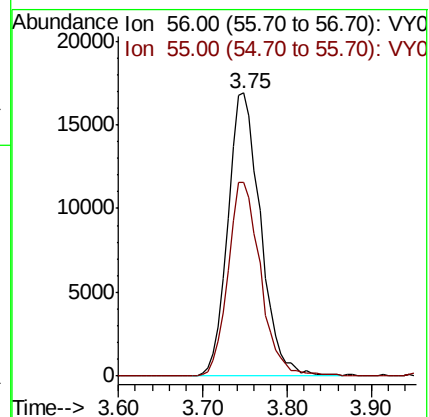
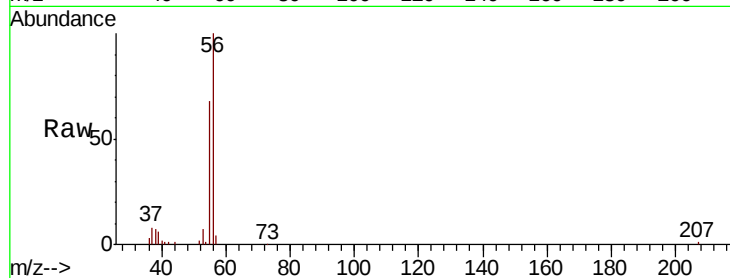
VSTDCCC050EC

Tot Ion: 56 Resp: 44641

Ion Ratio Lower Upper

56 100

55 68.1 56.1 84.1



#14

Allyl chloride

Concen: 53.208 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

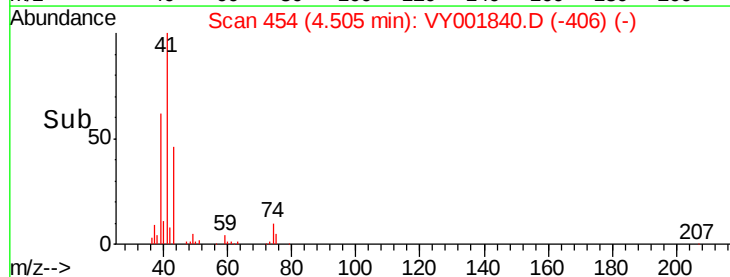
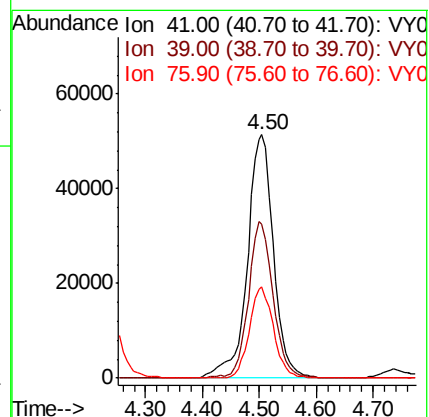
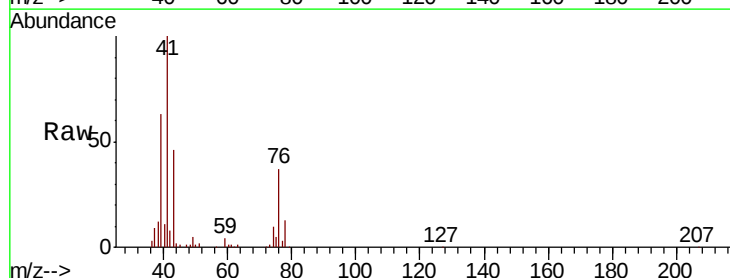
Tgt Ion: 41 Resp: 164163

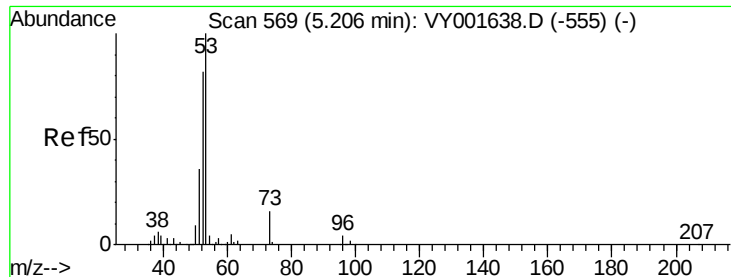
Ion Ratio Lower Upper

41 100

39 60.9 49.4 74.0

76 34.5 29.0 43.6





#15

Acrylonitrile

Concen: 289.704 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

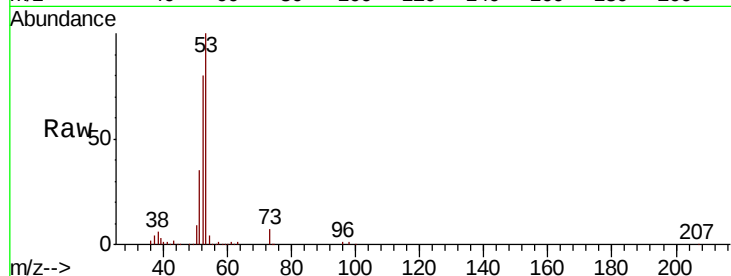
Tot Ion: 53 Resp: 158304

Ion Ratio Lower Upper

53 100

52 81.4 65.4 98.0

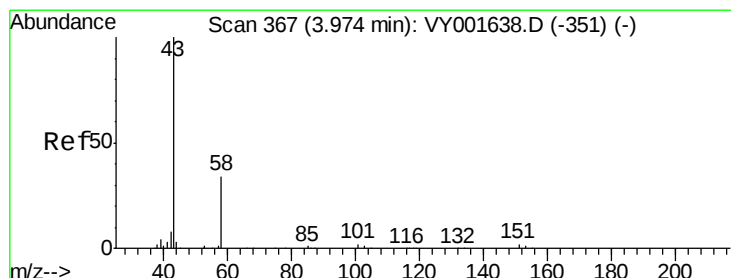
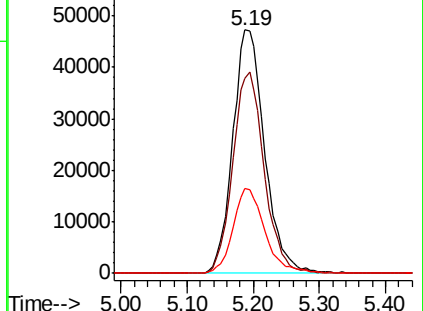
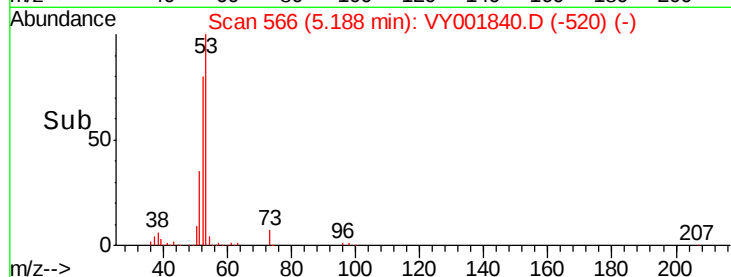
51 34.6 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY001840.D (-520) (-)

Ion 52.00 (51.70 to 52.70): VY001840.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VY001840.D (-520) (-)



#16

Acetone

Concen: 232.235 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001840.D

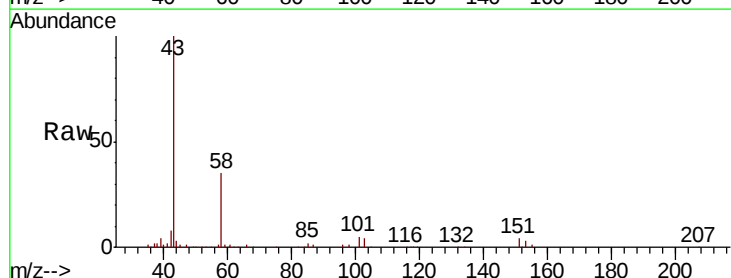
Acq: 03 Mar 2020 17:11

Tgt Ion: 43 Resp: 138101

Ion Ratio Lower Upper

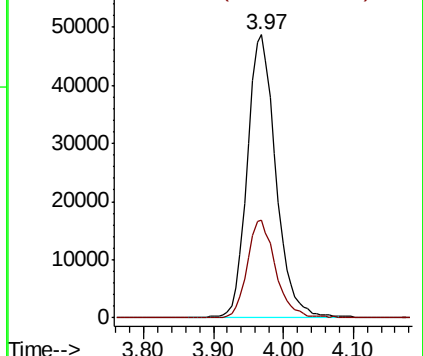
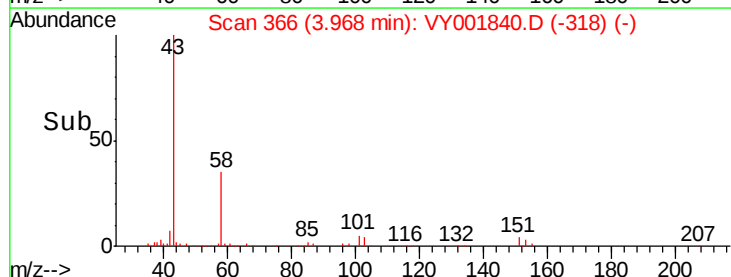
43 100

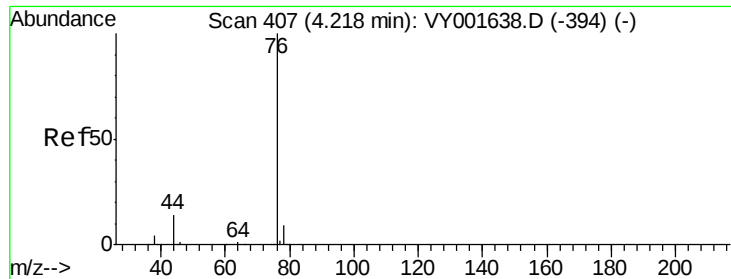
58 34.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001840.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001840.D (-318) (-)

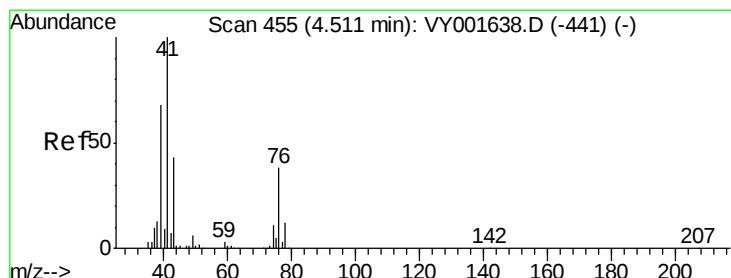
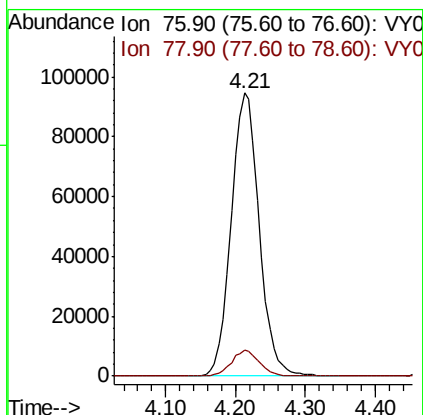
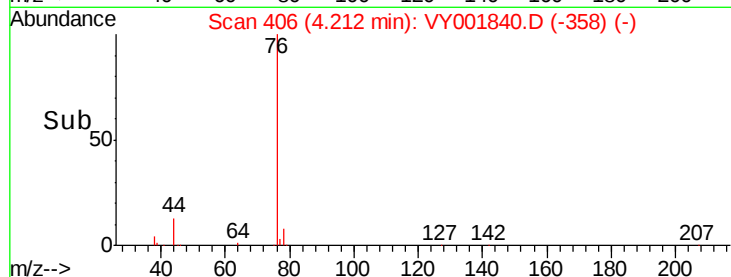
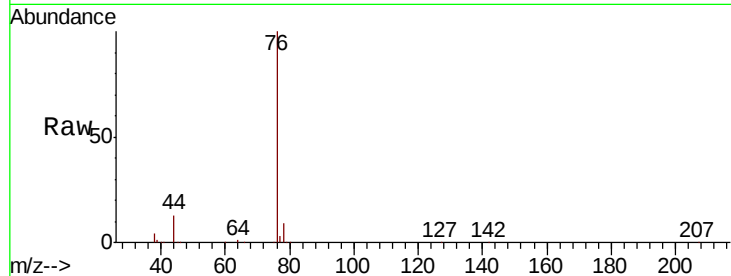




#17
Carbon Disulfide
Concen: 45.344 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

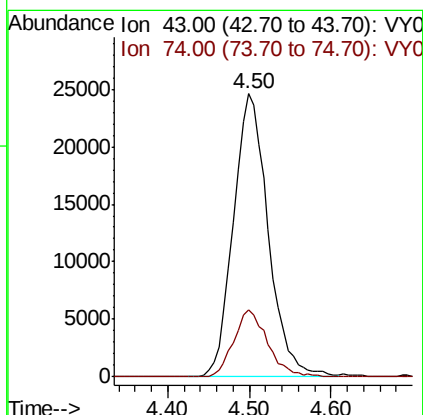
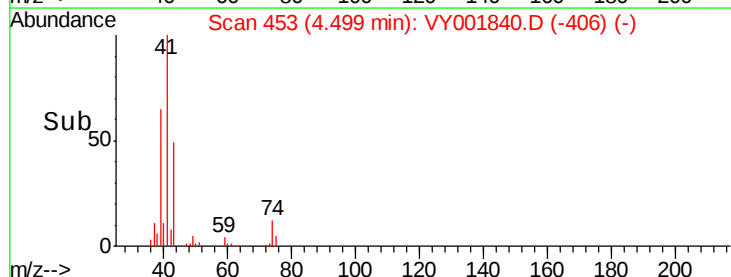
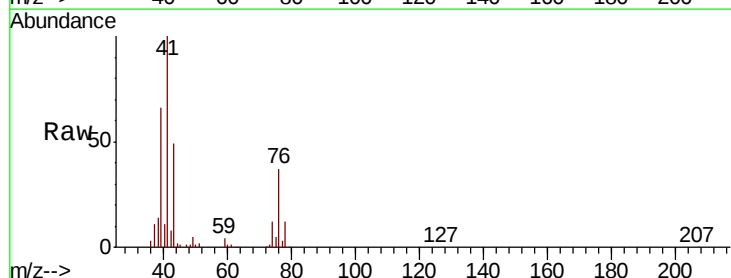
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

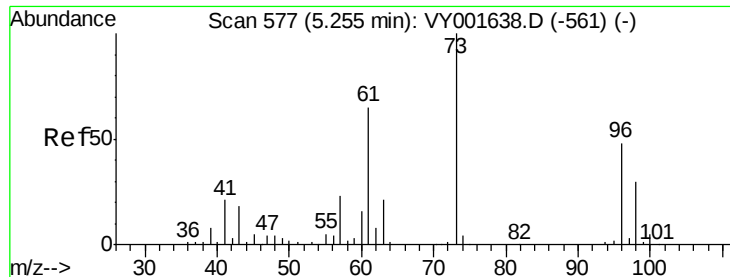
Tot Ion: 76 Resp: 262440
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 56.203 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 43 Resp: 72784
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7

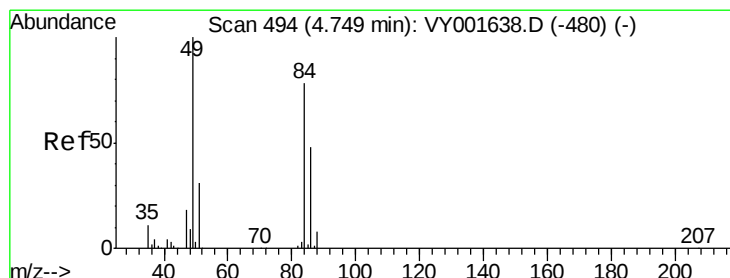
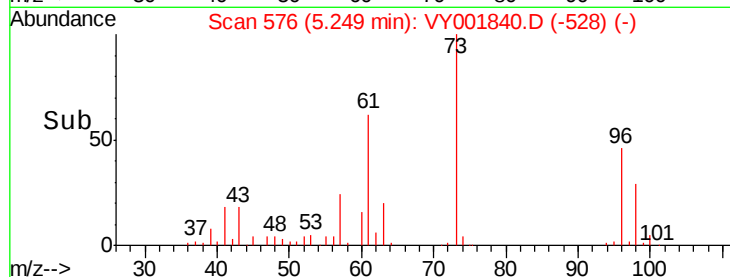
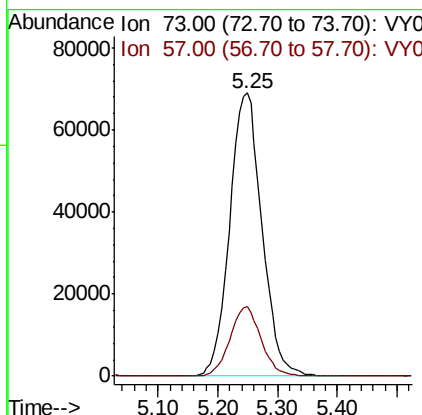
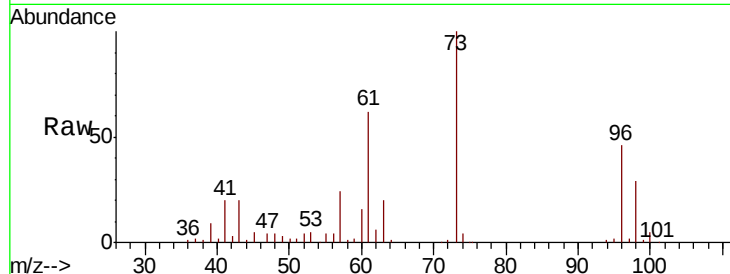




#19
Methyl tert-butyl Ether
Concen: 53.741 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

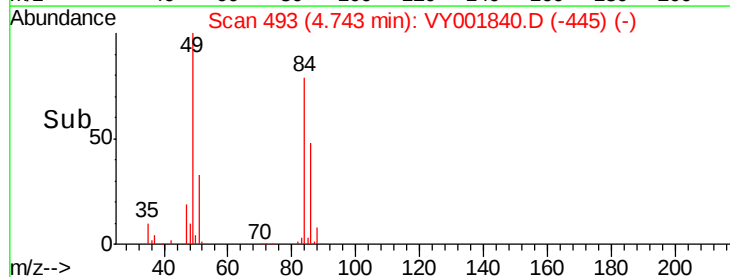
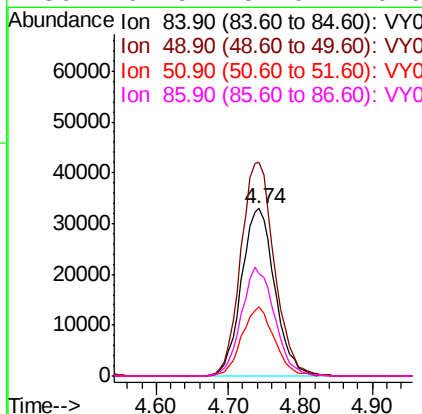
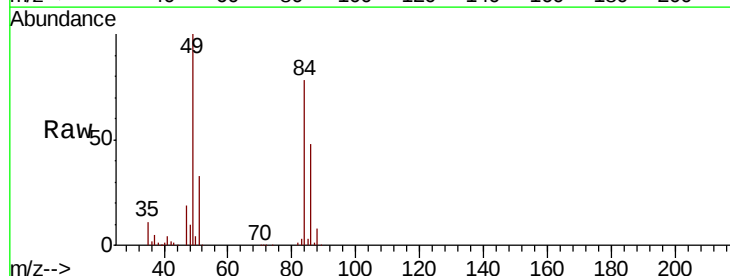
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

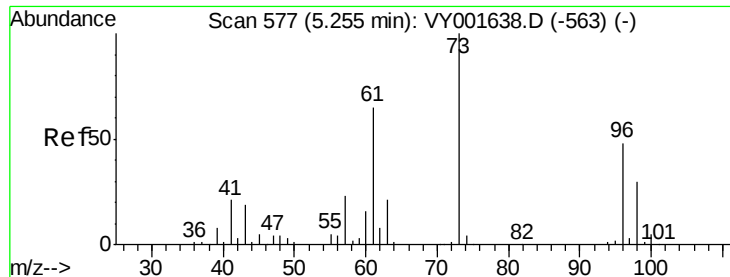
Tot Ion: 73 Resp: 259388
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.6



#20
Methylene Chloride
Concen: 50.167 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 84 Resp: 105965
Ion Ratio Lower Upper
84 100
49 127.6 99.2 148.8
51 41.6 31.5 47.3
86 61.5 51.0 76.6

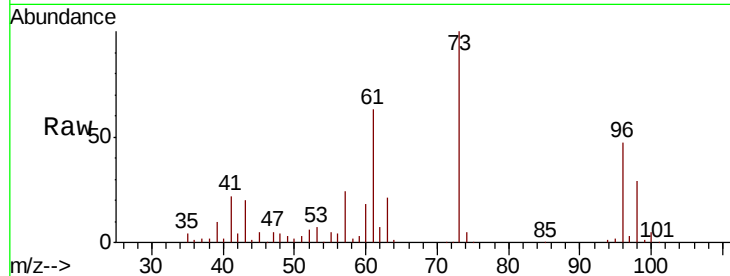




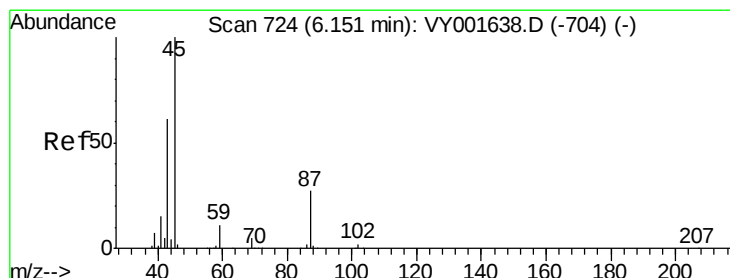
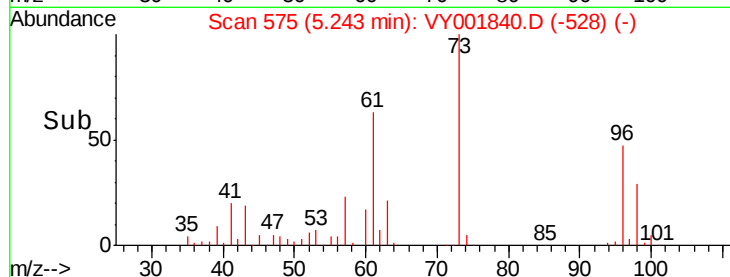
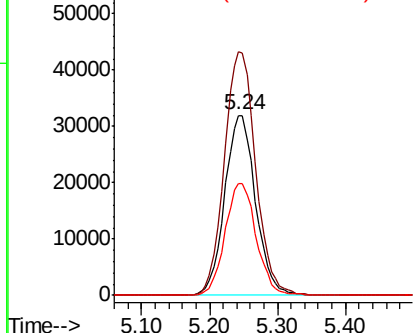
#21
trans-1,2-Dichloroethene
Concen: 50.722 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 100323
Ion Ratio Lower Upper
96 100
61 135.5 107.9 161.9
98 62.1 49.8 74.8

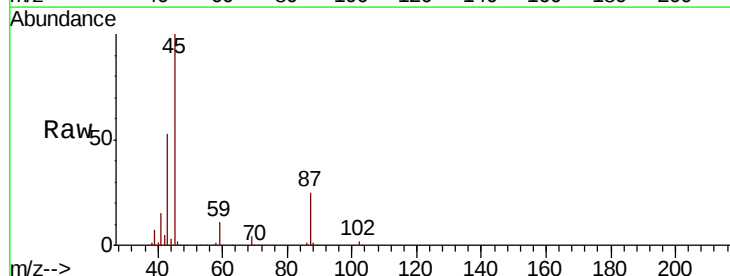


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

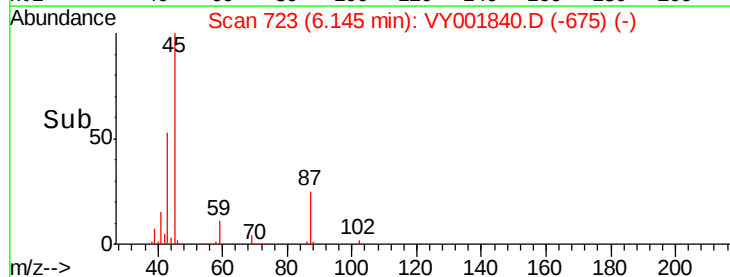
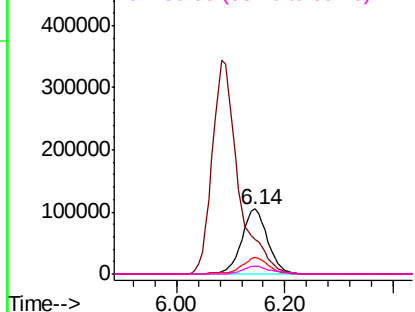


#22
Diisopropyl ether
Concen: 54.771 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 45 Resp: 347033
Ion Ratio Lower Upper
45 100
43 53.3 46.4 69.6
87 25.1 22.1 33.1
59 11.1 9.4 14.0



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





#23

Vinyl Acetate

Concen: 276.568 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

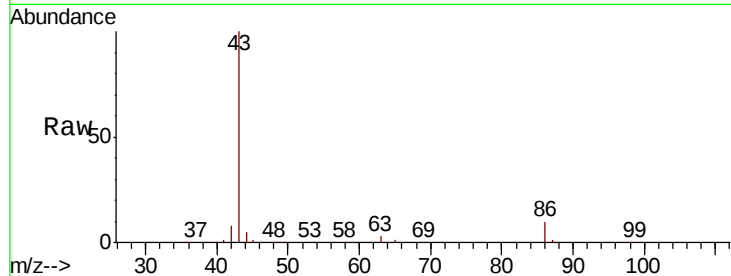
VSTDCCC050EC

Tot Ion: 43 Resp: 1143033

Ion Ratio Lower Upper

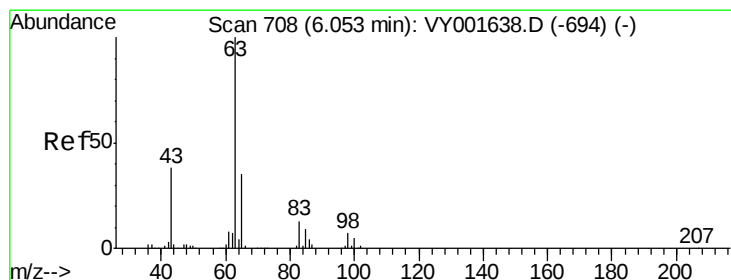
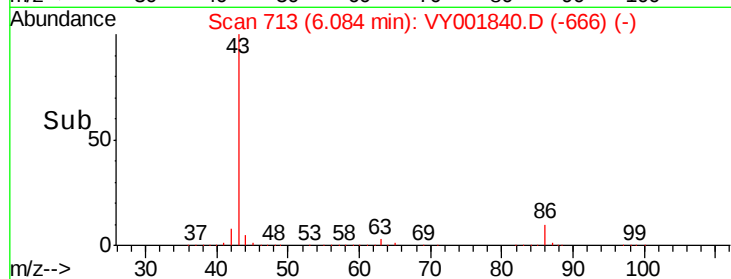
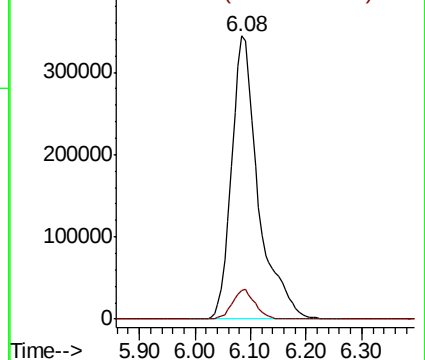
43 100

86 10.3 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.437 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

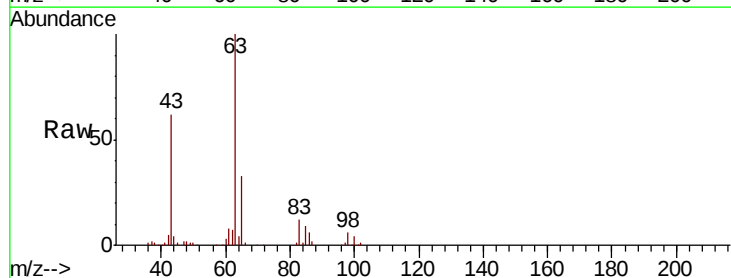
Tgt Ion: 63 Resp: 180961

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

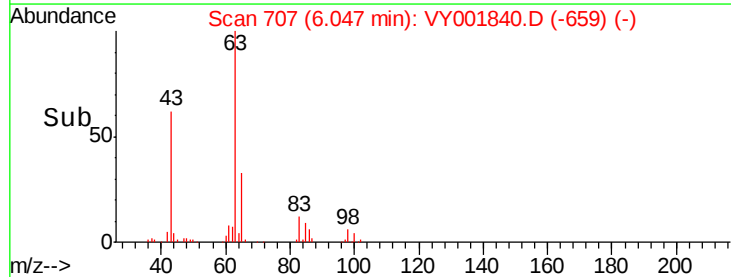
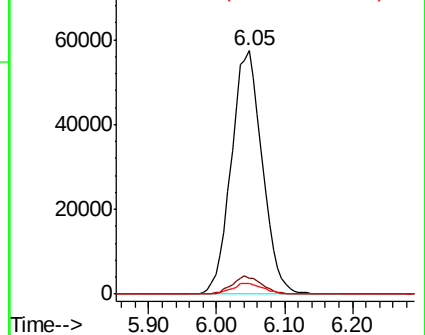
100 4.2 2.3 6.9

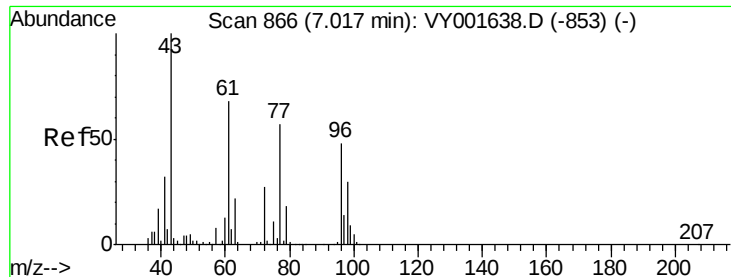


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 262.188 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

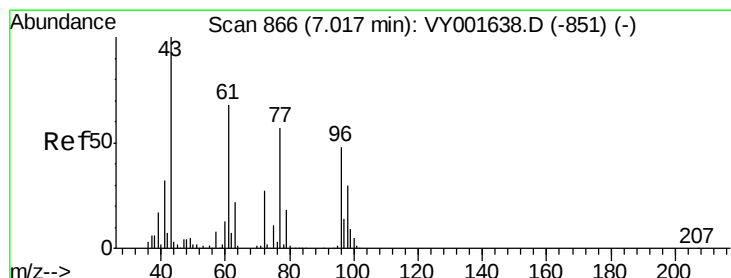
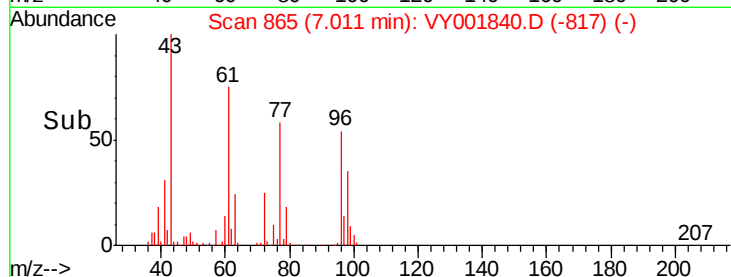
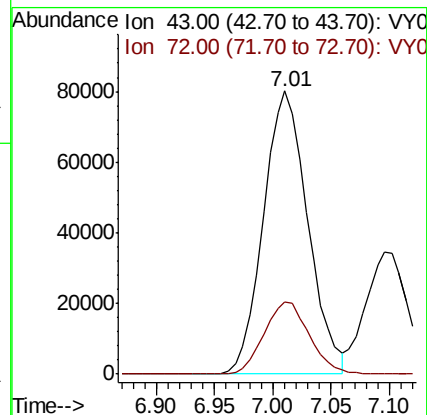
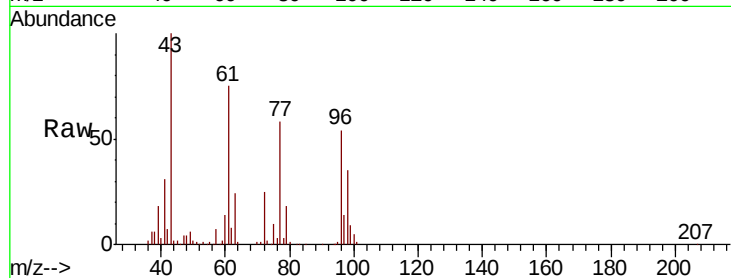
VSTDCCC050EC

Tot Ion: 43 Resp: 211801

Ion Ratio Lower Upper

43 100

72 25.3 21.2 31.8



#26

2,2-Dichloropropane

Concen: 50.167 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001840.D

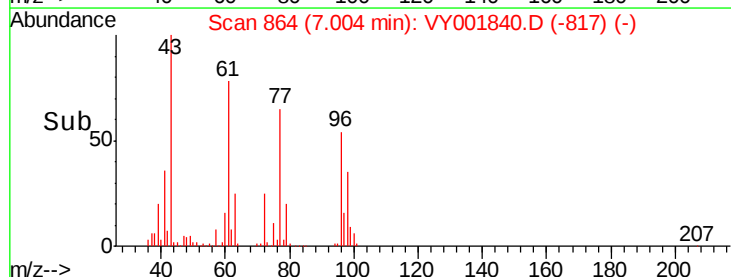
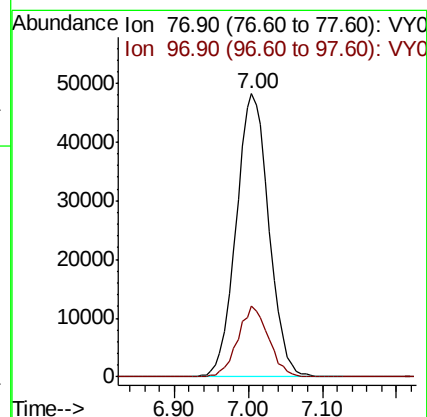
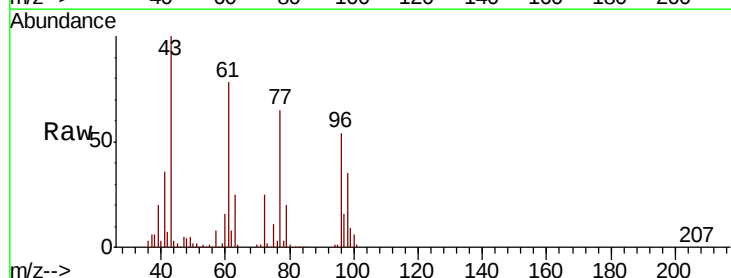
Acq: 03 Mar 2020 17:11

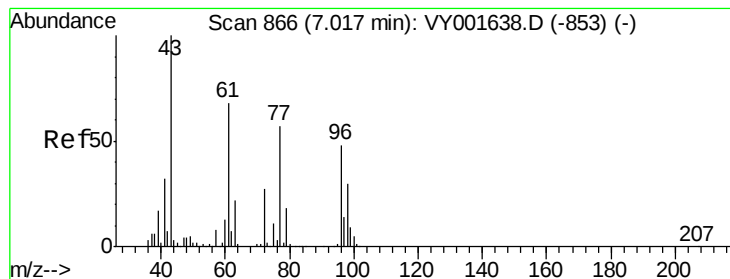
Tgt Ion: 77 Resp: 147805

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



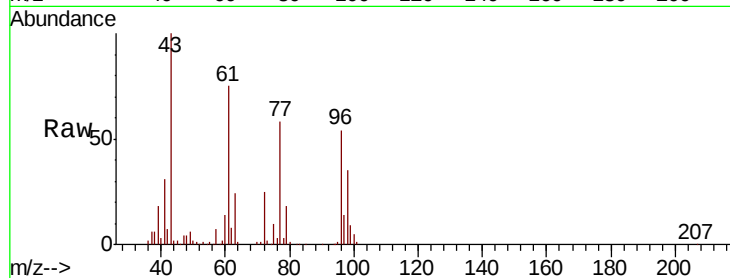


#27

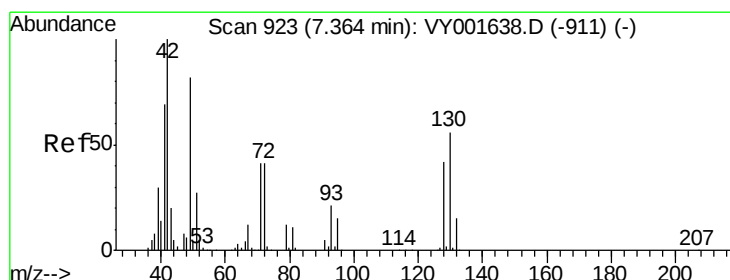
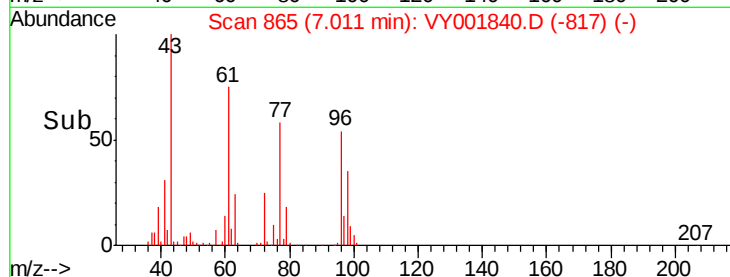
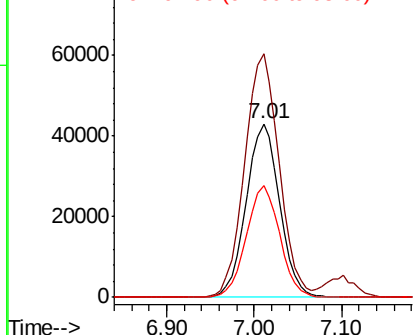
cis-1,2-Dichloroethene
Concen: 52.403 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 114409
Ion Ratio Lower Upper
96 100
61 144.6 0.0 290.8
98 64.4 0.0 128.6



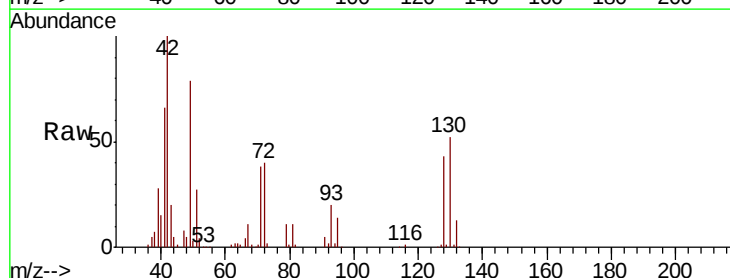
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



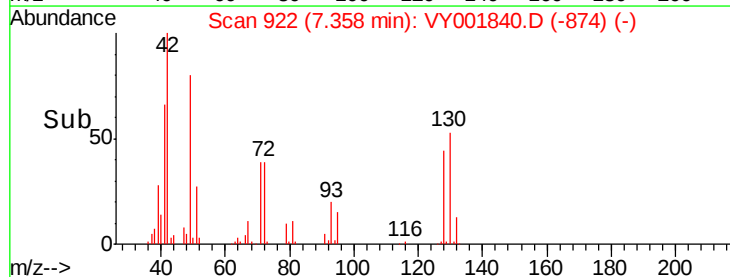
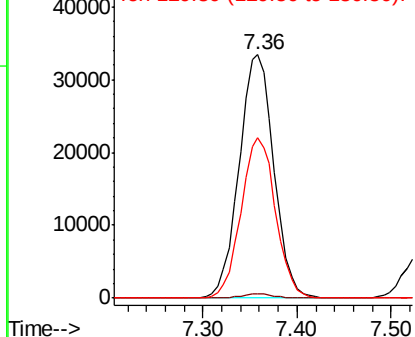
#28

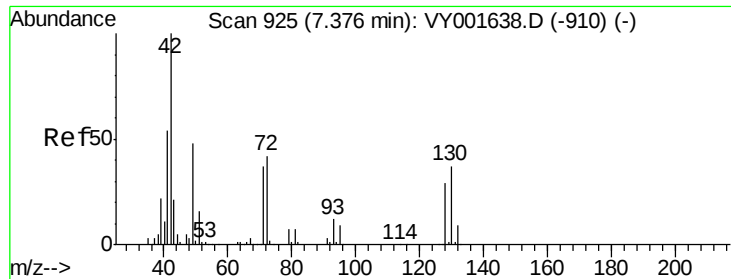
Bromochloromethane
Concen: 60.838 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 49 Resp: 85822
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 65.9 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

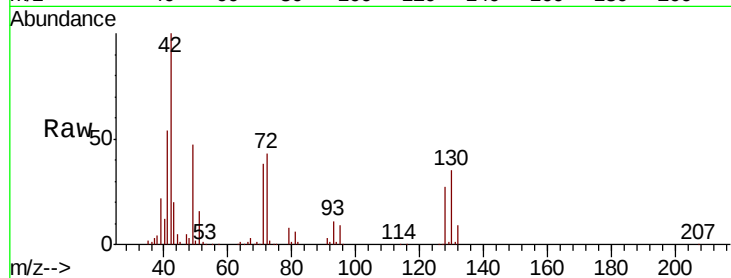




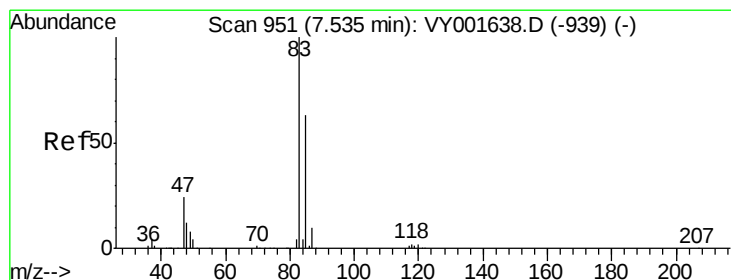
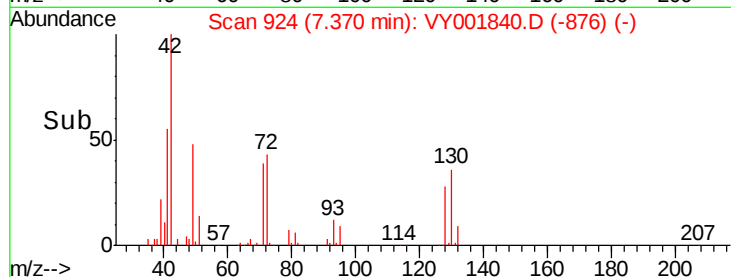
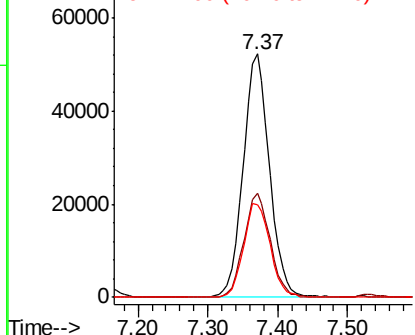
#29
Tetrahydrofuran
Concen: 279.744 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 136589
Ion Ratio Lower Upper
42 100
72 42.4 34.4 51.6
71 38.7 31.8 47.8

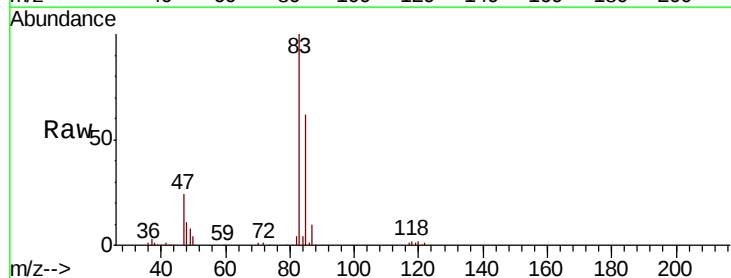


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

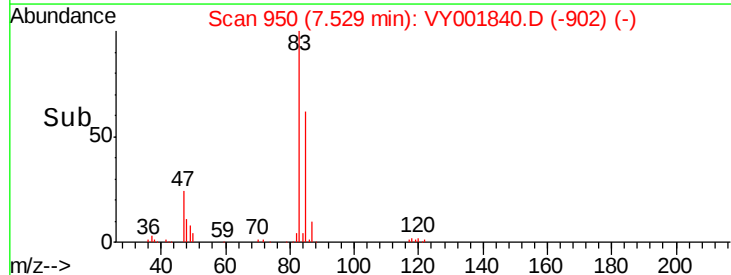
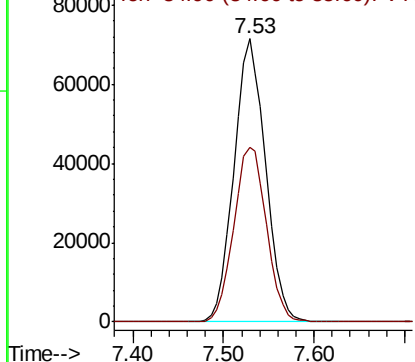


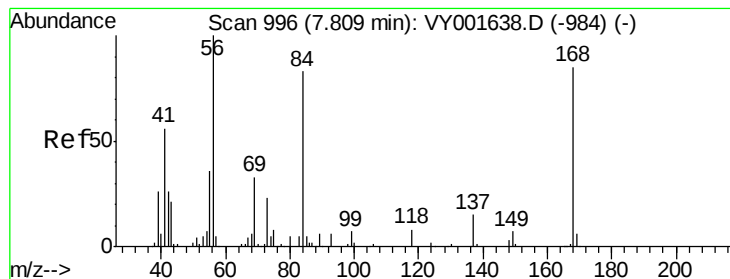
#30
Chloroform
Concen: 52.032 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 83 Resp: 172168
Ion Ratio Lower Upper
83 100
85 61.7 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: 48.267 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

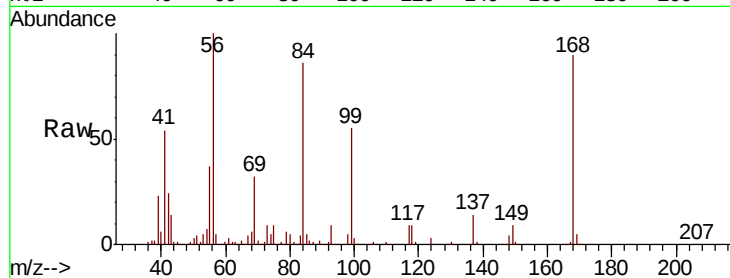
Tot Ion: 56 Resp: 174273

Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

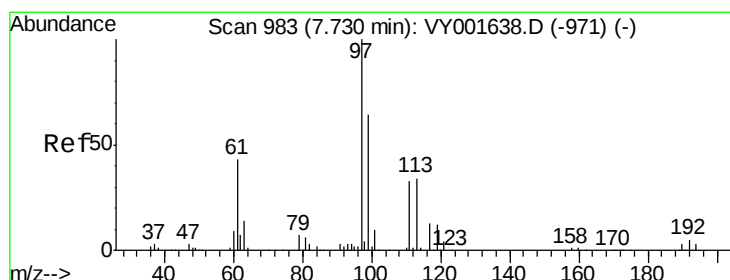
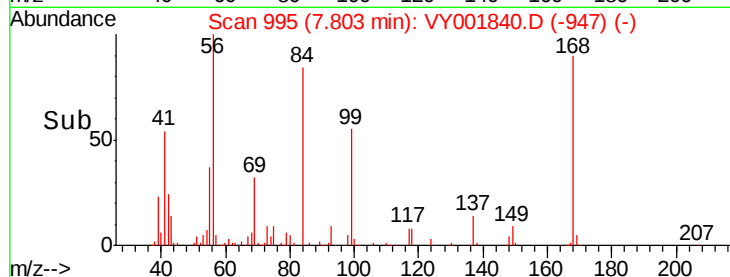
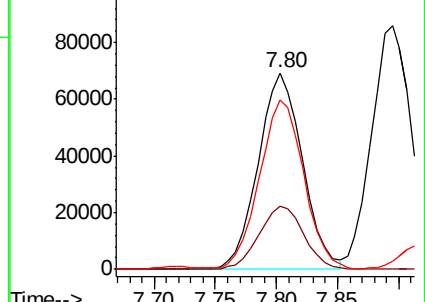
84 84.6 66.9 100.3



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: 52.062 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

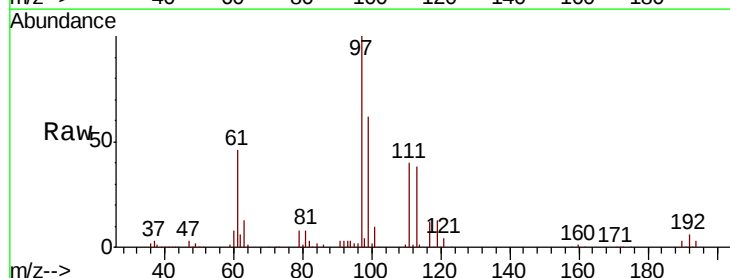
Tgt Ion: 97 Resp: 144786

Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

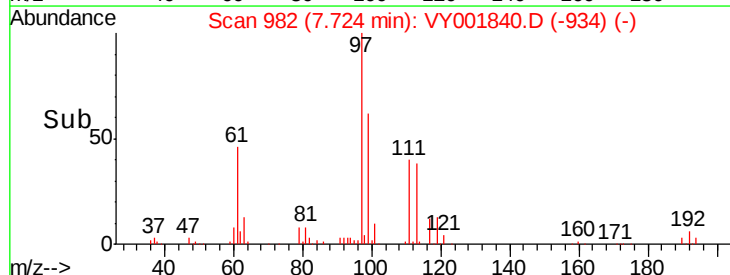
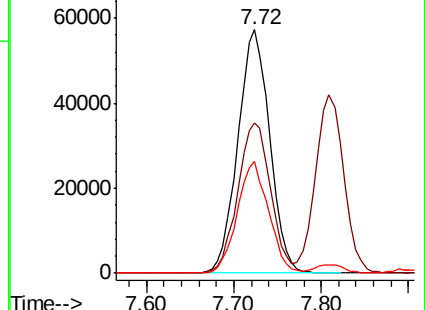
61 45.3 35.0 52.6

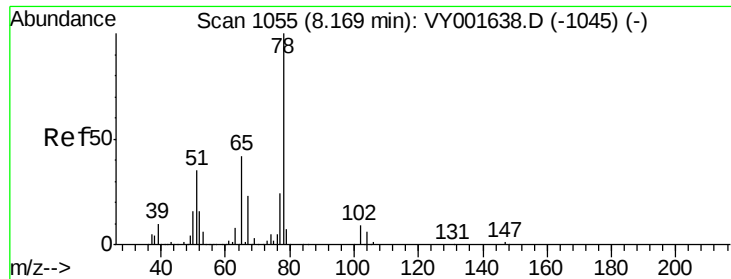


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

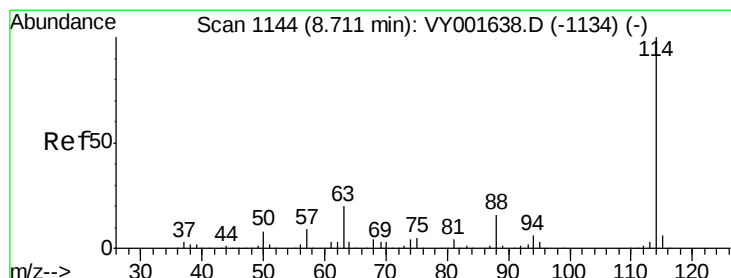
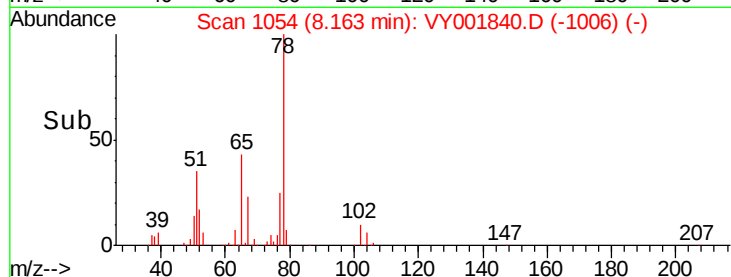
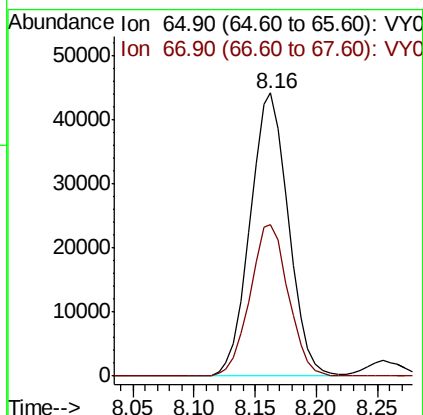
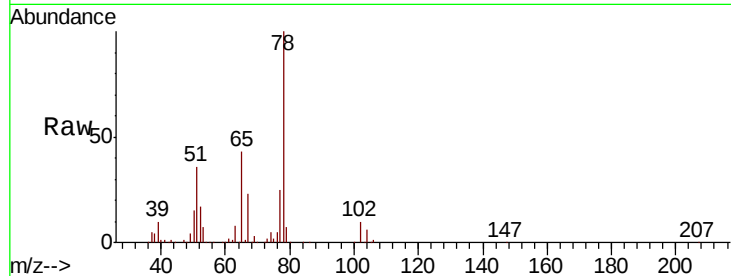




#33
 1,2-Dichloroethane-d4
 Concen: 55.906 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

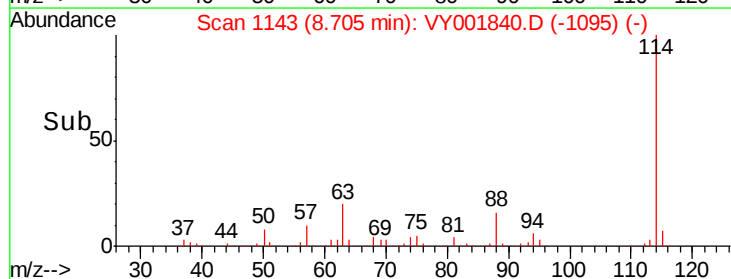
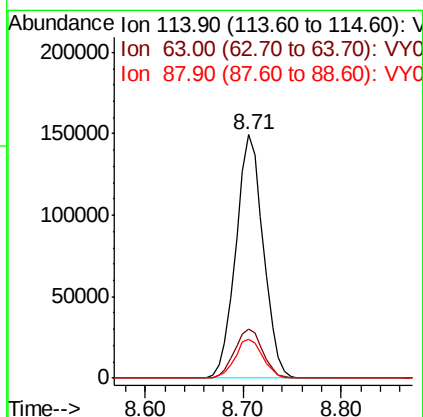
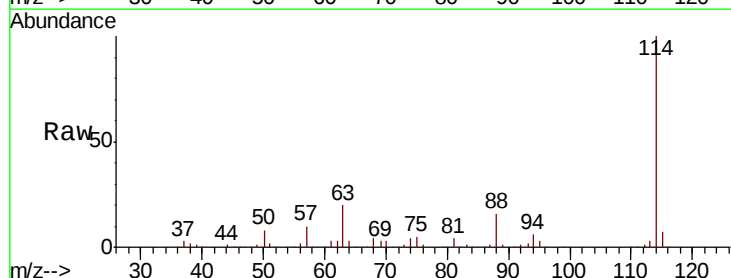
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

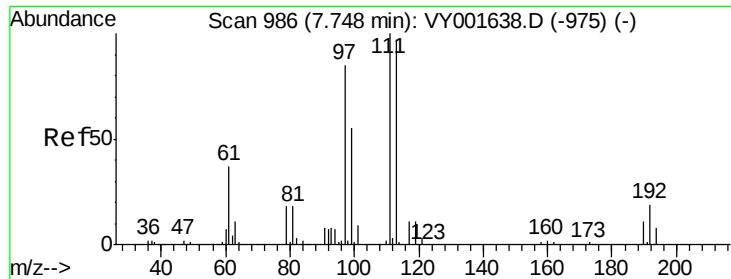
Tot Ion: 65 Resp: 96080
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 114 Resp: 289858
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.9 0.0 32.8

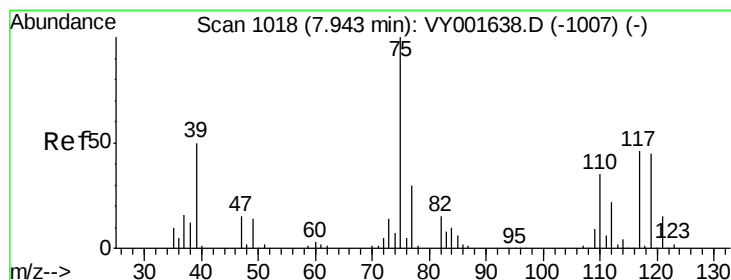
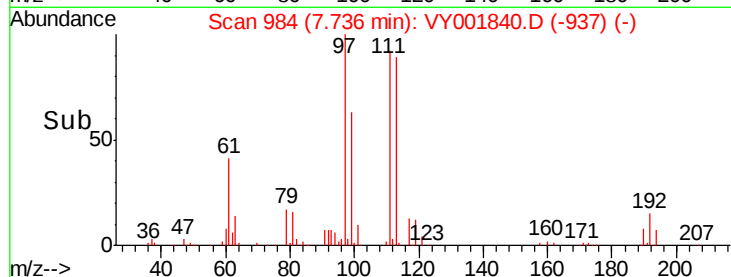
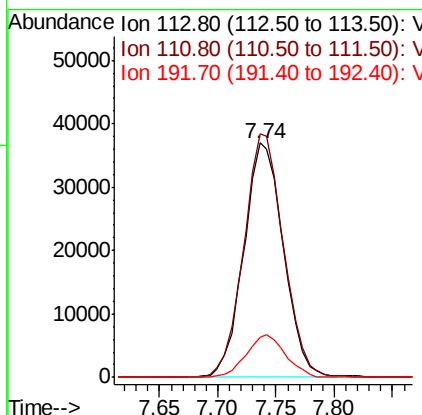
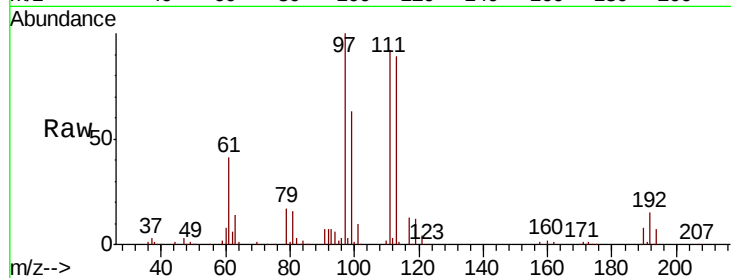




#35
 Dibromofluoromethane
 Concen: 52.741 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

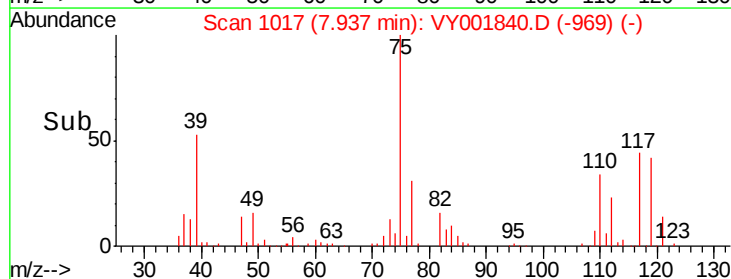
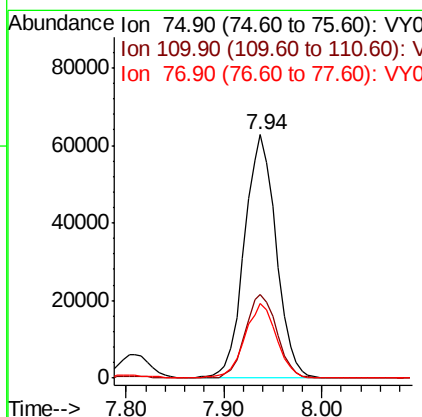
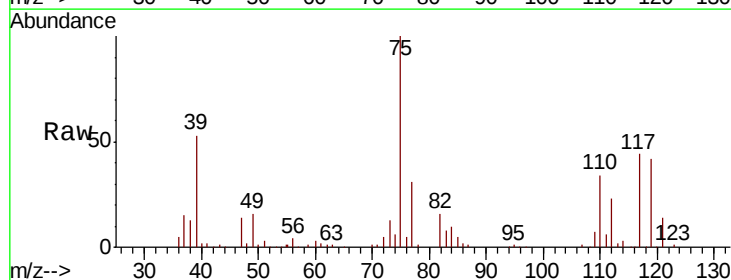
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

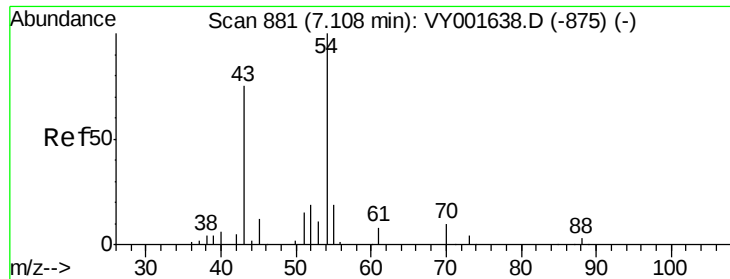
Tot Ion:113 Resp: 87559
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.9 122.9
 192 17.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 50.929 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 75 Resp: 141008
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.2 51.6
 77 30.6 24.8 37.2

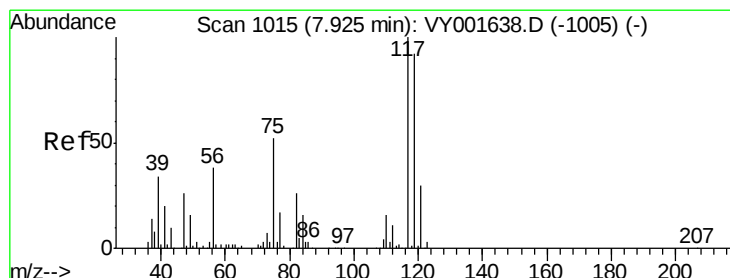
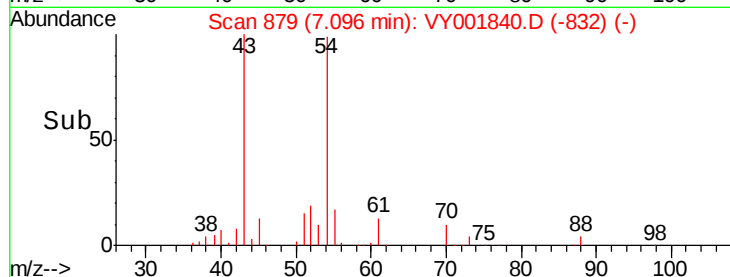
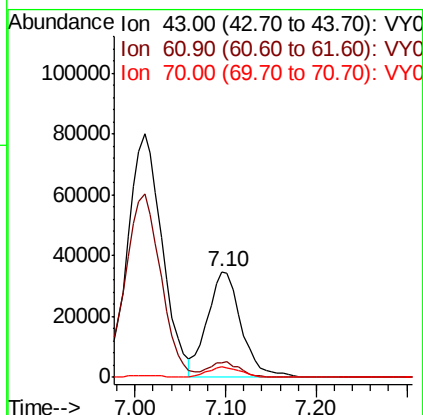
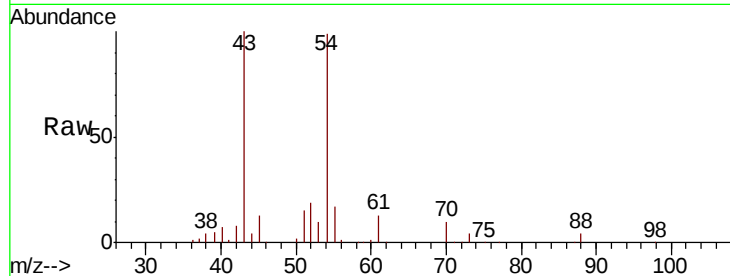




#37
Ethyl Acetate
Concen: 55.474 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

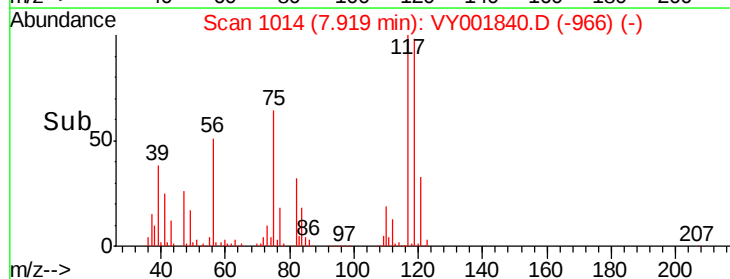
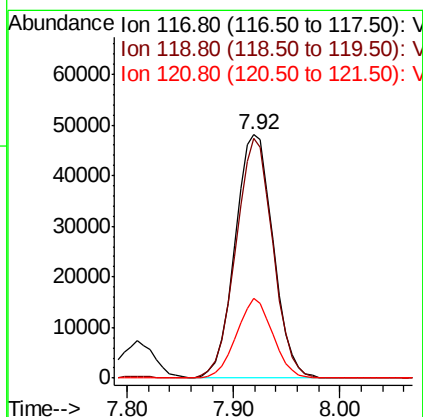
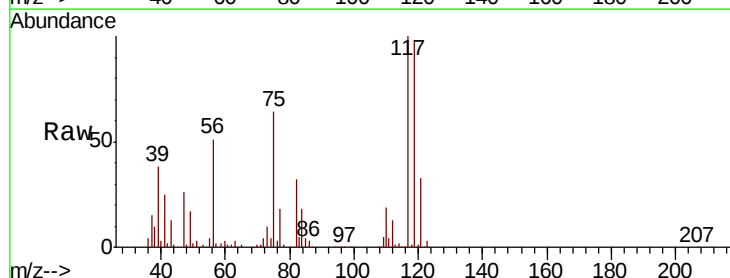
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

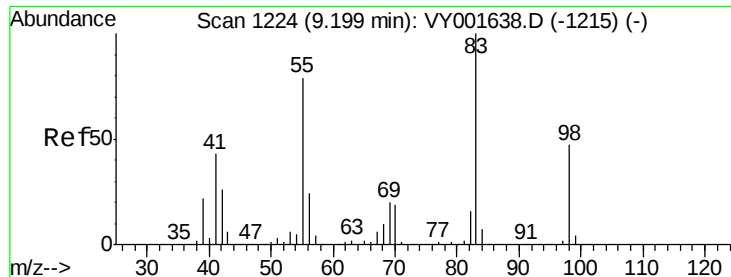
Tot Ion: 43 Resp: 91671
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 9.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.711 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 117 Resp: 120893
Ion Ratio Lower Upper
117 100
119 98.2 74.8 112.2
121 33.0 23.8 35.6

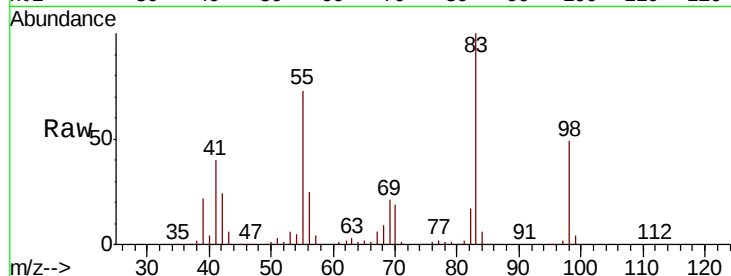




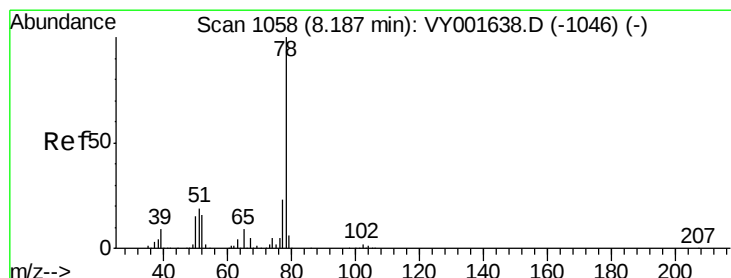
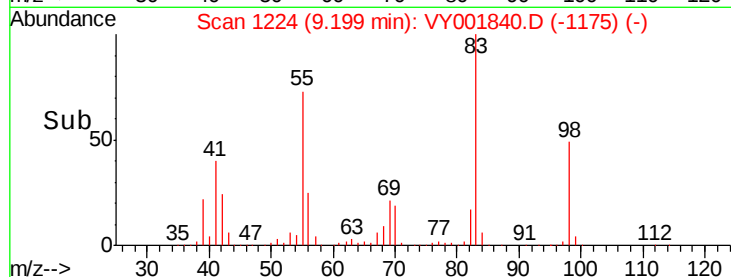
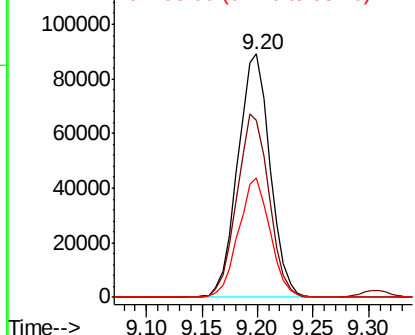
#39
Methylvlcvclohexane
Concen: 48.837 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 179384
Ion Ratio Lower Upper
83 100
55 73.0 61.3 91.9
98 49.2 38.0 57.0

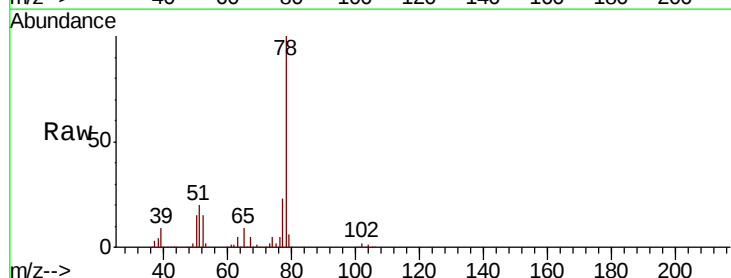


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

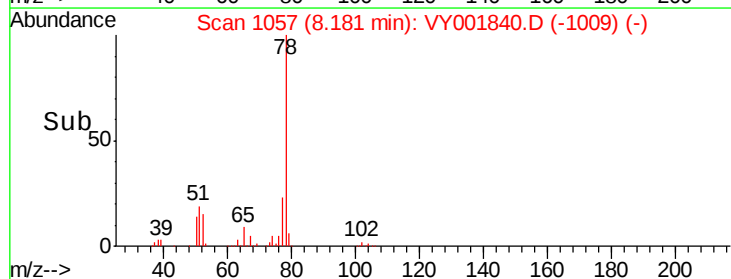
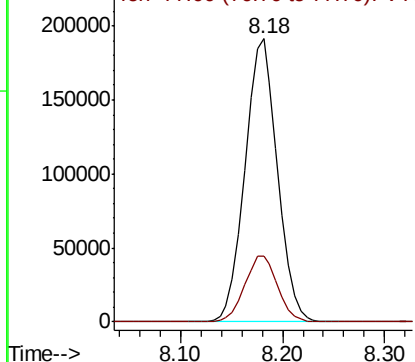


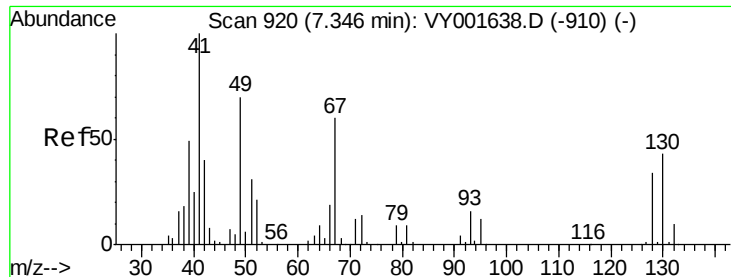
#40
Benzene
Concen: 51.909 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 78 Resp: 422689
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4



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

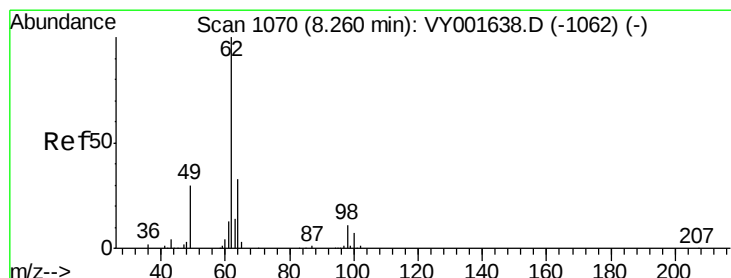
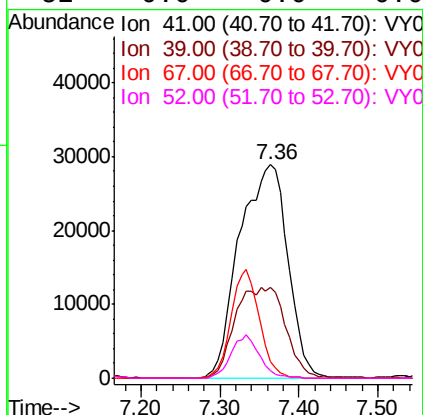
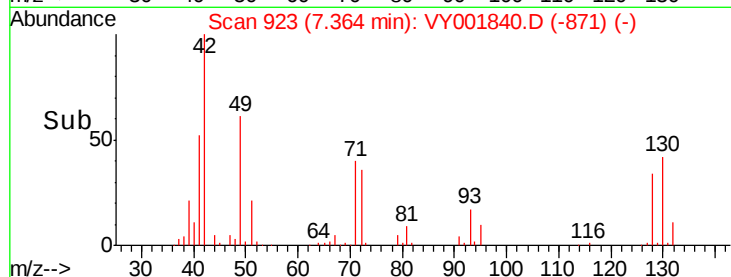
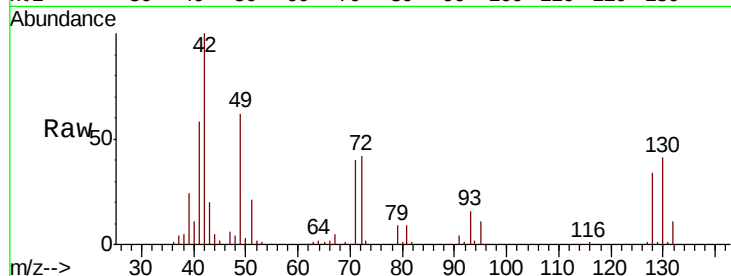




#41
Methacrylonitrile
Concen: 148.139 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

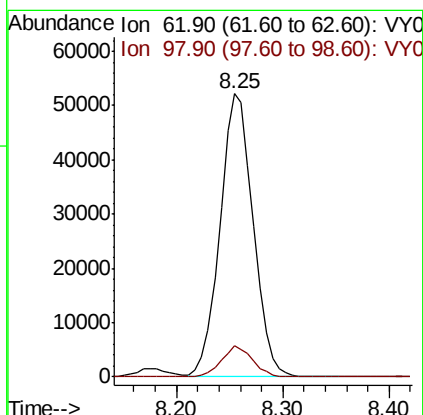
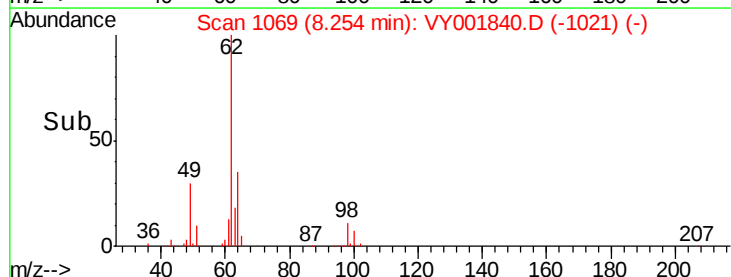
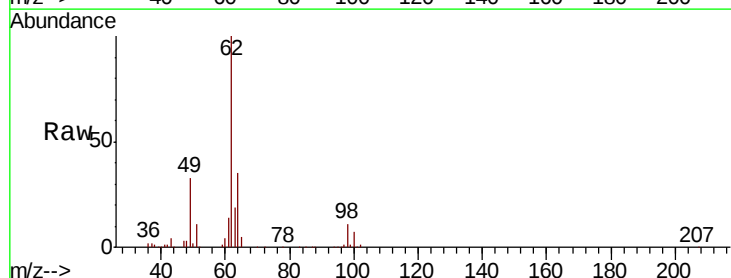
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

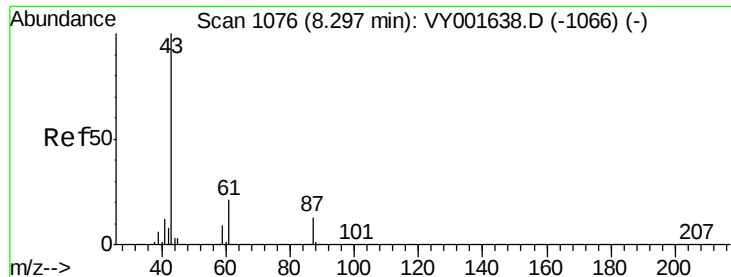
Tot Ion:	41	Resp:	122917
Ion	Ratio	Lower	Upper
41	100		
39	44.5	36.0	54.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.982 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:	62	Resp:	113097
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8

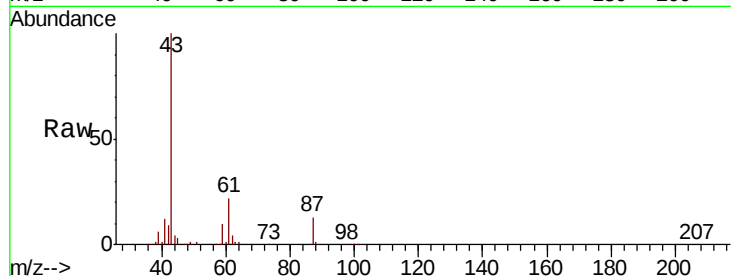




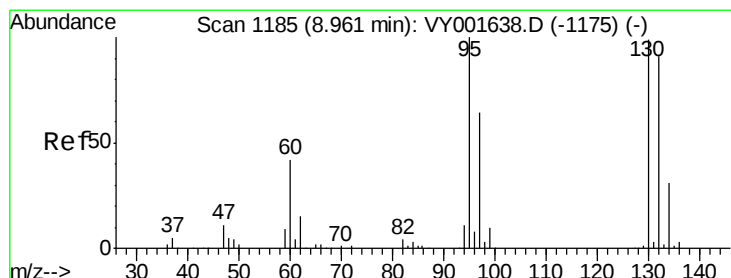
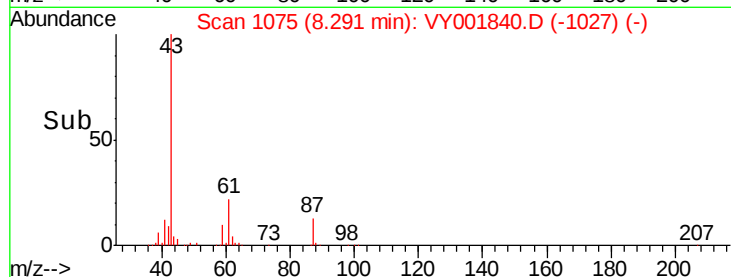
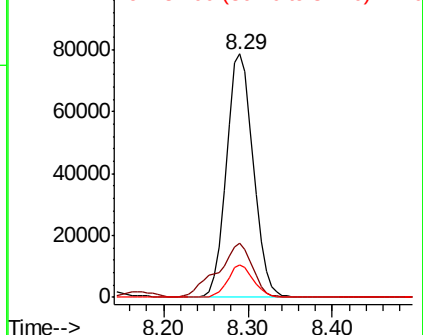
#43
Isopropyl Acetate
Concen: 54.422 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 170635
Ion Ratio Lower Upper
43 100
61 28.7 23.0 34.4
87 12.6 10.7 16.1

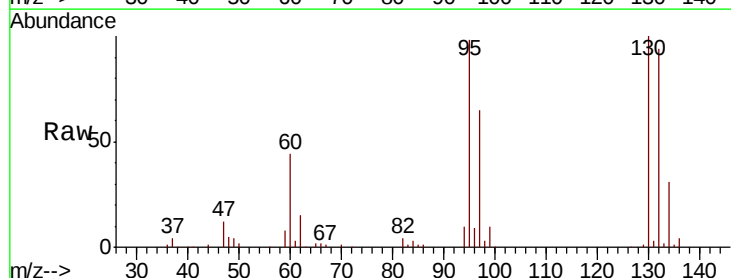


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

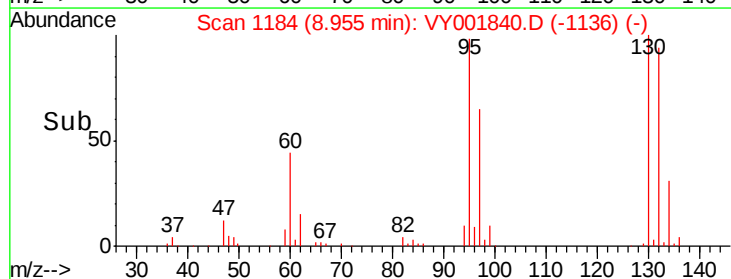
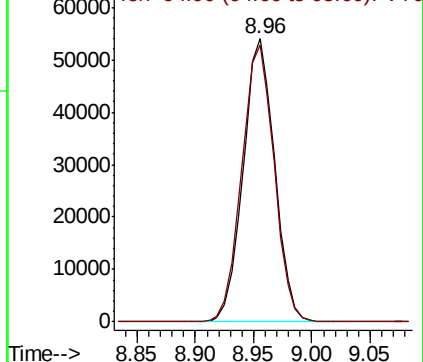


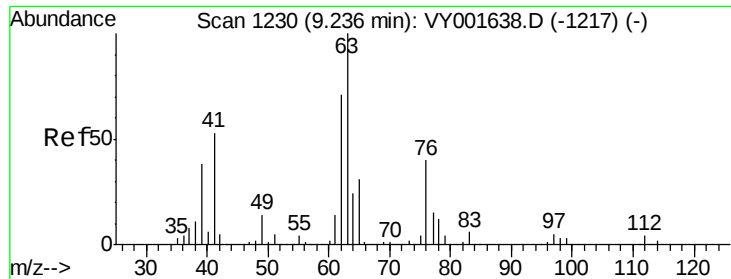
#44
Trichloroethene
Concen: 50.180 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:130 Resp: 102003
Ion Ratio Lower Upper
130 100
95 97.7 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

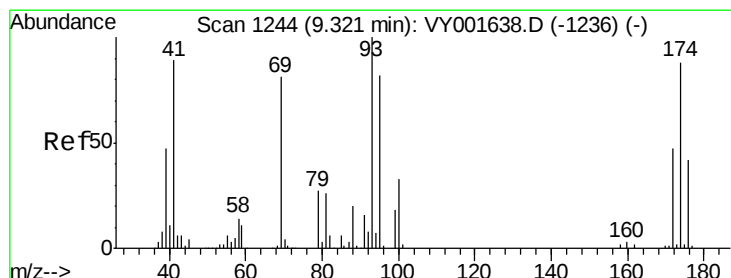
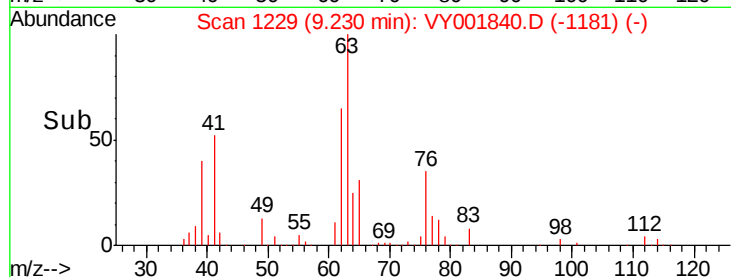
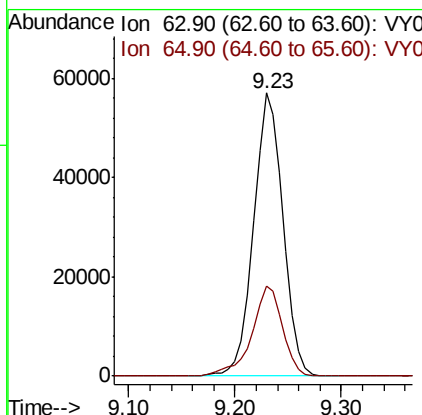
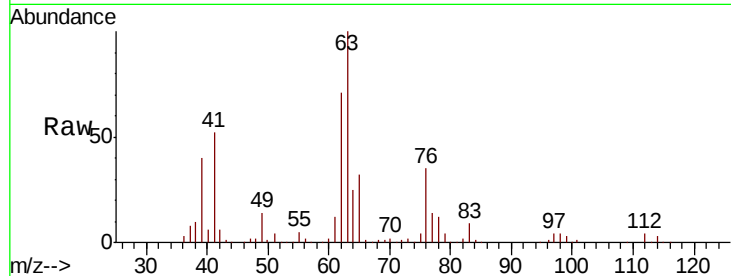




#45
 1,2-Dichloropropane
 Concen: 54.172 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

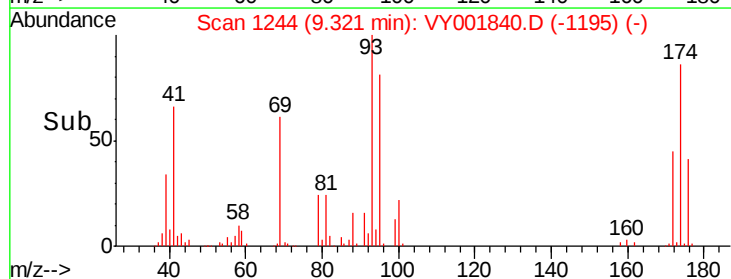
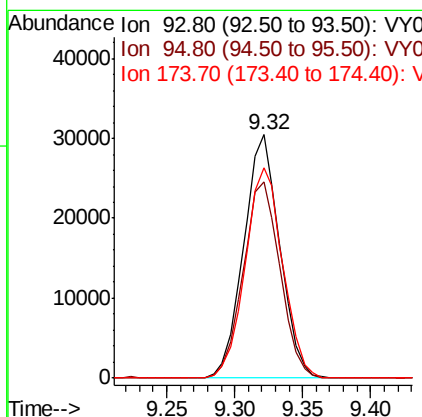
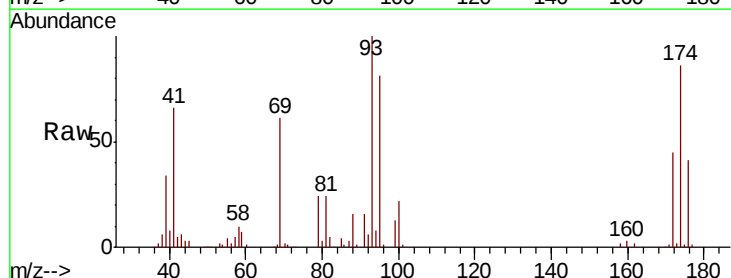
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

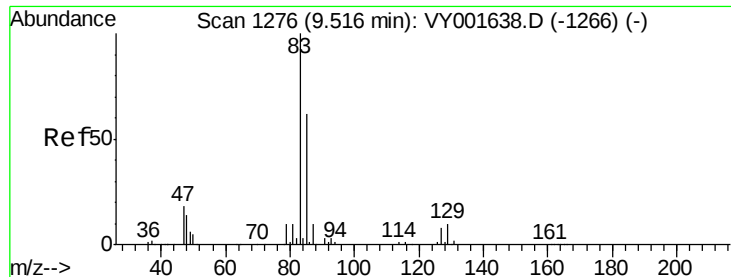
Tot Ion: 63 Resp: 110473
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 37.0



#46
 Dibromomethane
 Concen: 52.925 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 93 Resp: 56452
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.1 99.1
 174 89.8 72.5 108.7

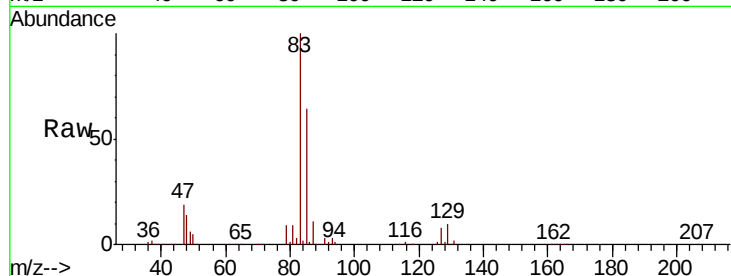




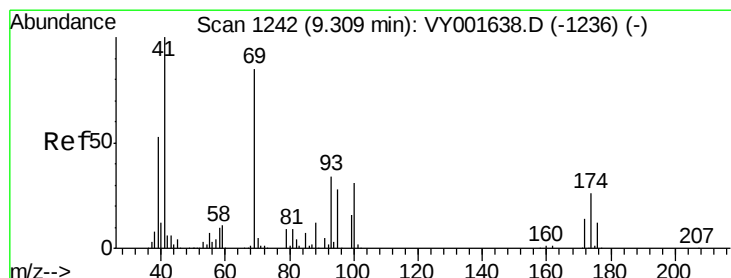
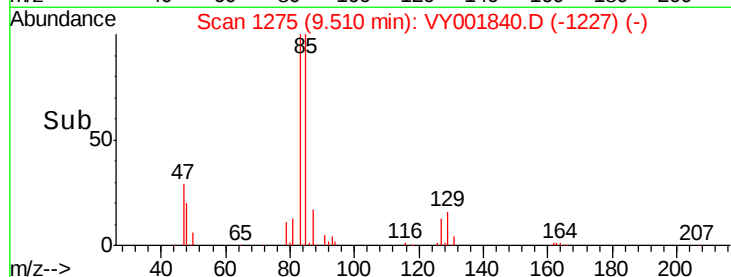
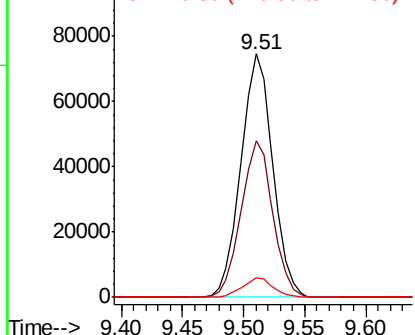
#47
 Bromodichloromethane
 Concen: 52.450 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 135021
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.4 77.0
 127 8.3 6.4 9.6

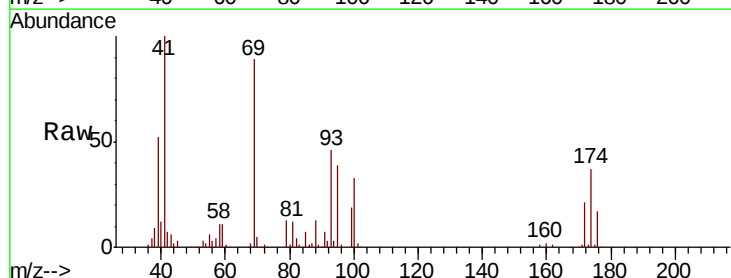


Abundance Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 126.80 (126.50 to 127.50): V

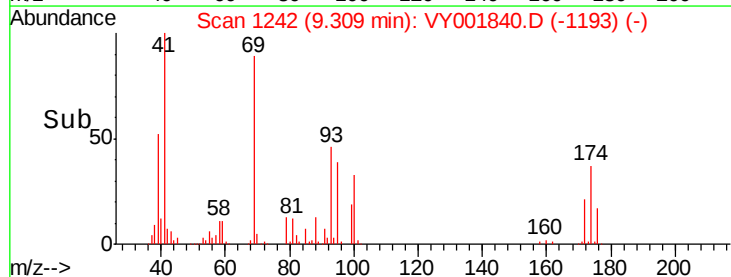
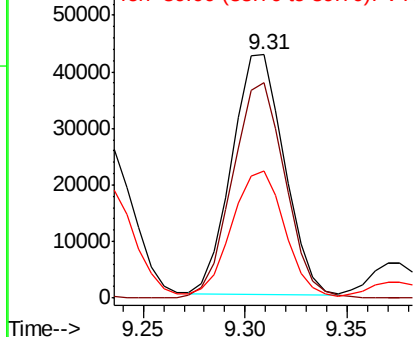


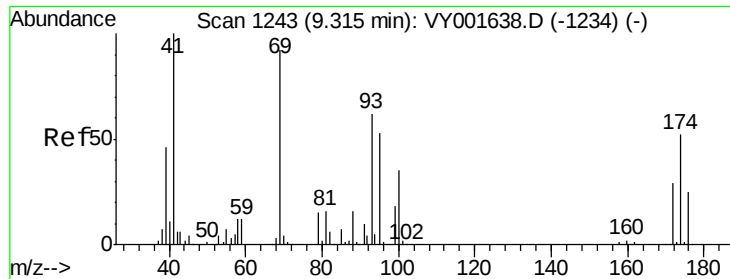
#48
 Methyl methacrylate
 Concen: 53.533 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 41 Resp: 75911
 Ion Ratio Lower Upper
 41 100
 69 90.4 70.7 106.1
 39 54.3 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

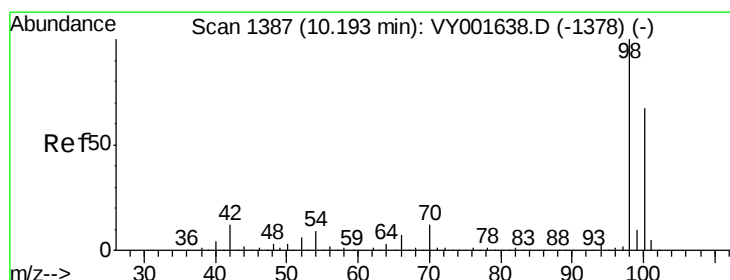
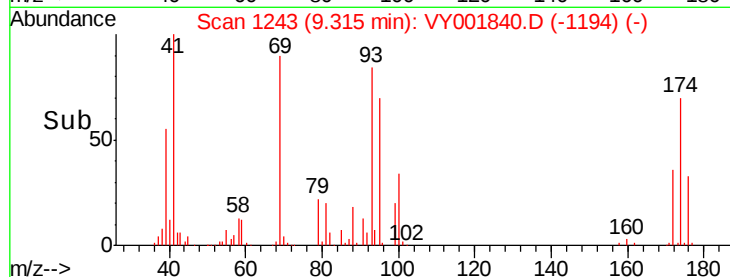
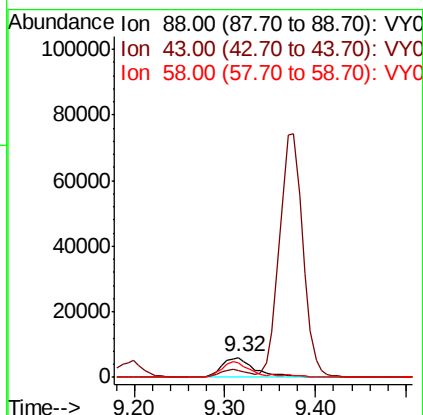
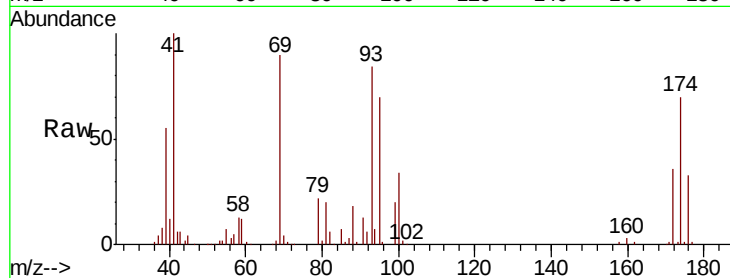




#49
1,4-Dioxane
Concen: 1048.115 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

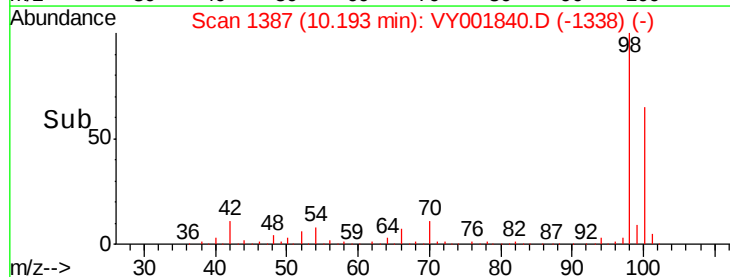
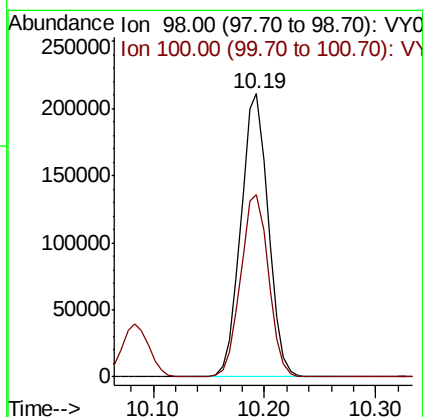
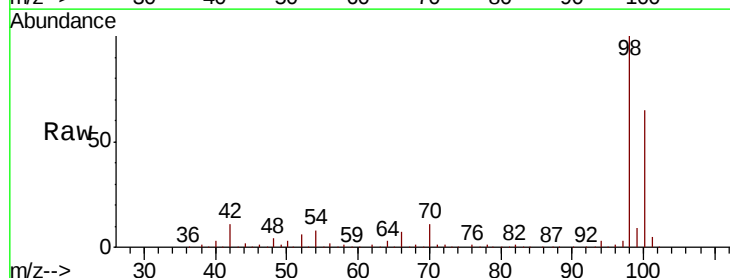
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

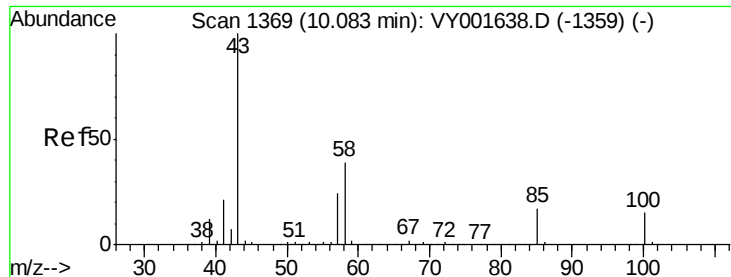
Tot Ion: 88 Resp: 15790
Ion Ratio Lower Upper
88 100
43 32.0 23.1 34.7
58 67.6 58.1 87.1



#50
Toluene-d8
Concen: 55.127 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 98 Resp: 358547
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

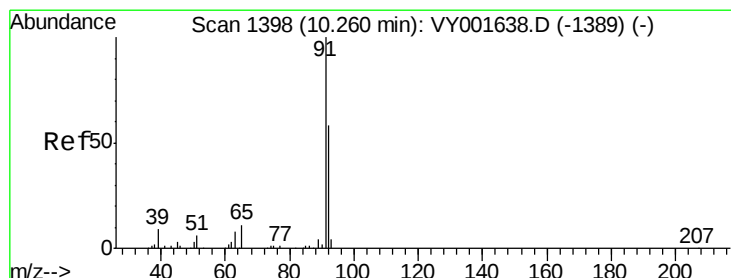
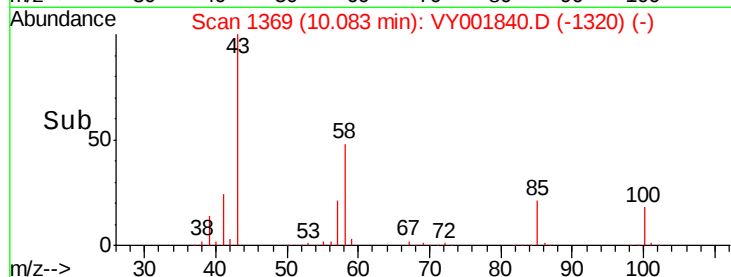
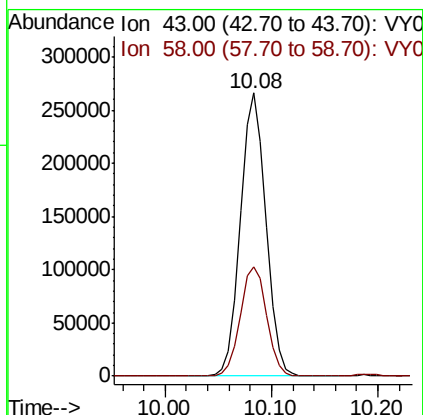
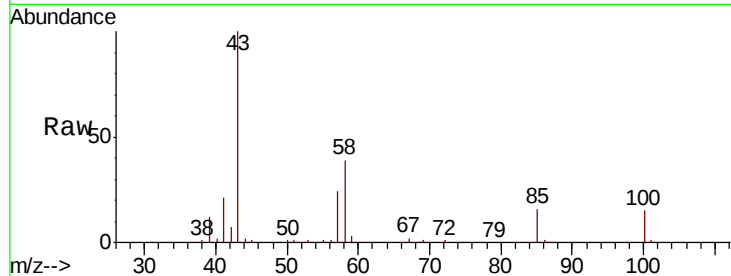




#51
4-Methyl-2-Pentanone
Concen: 277.872 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

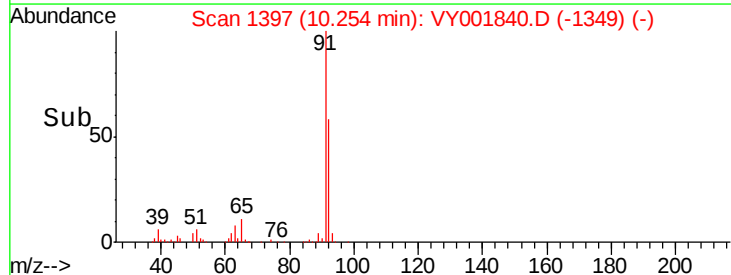
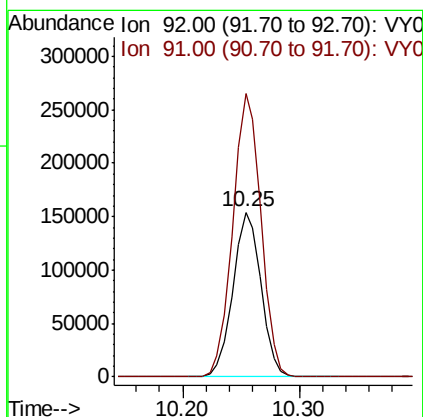
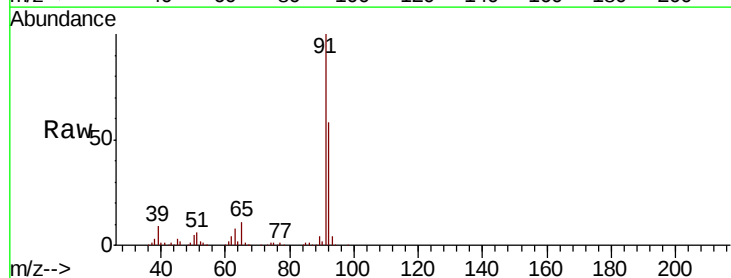
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

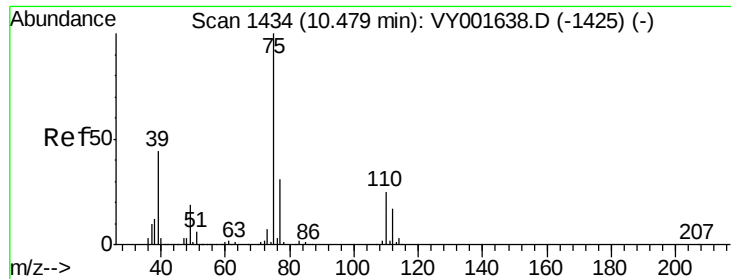
Tot Ion: 43 Resp: 447635
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4



#52
Toluene
Concen: 50.820 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 92 Resp: 258132
Ion Ratio Lower Upper
92 100
91 173.0 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 52.130 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

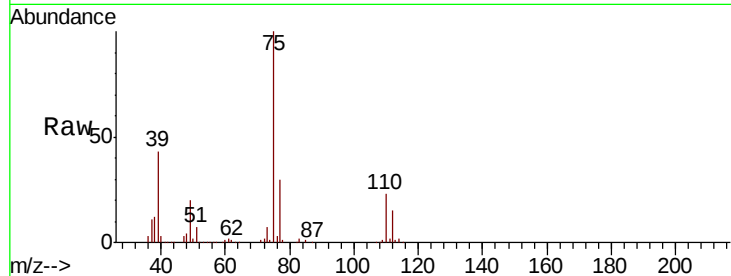
VSTDCCC050EC

Tot Ion: 75 Resp: 148358

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

60000

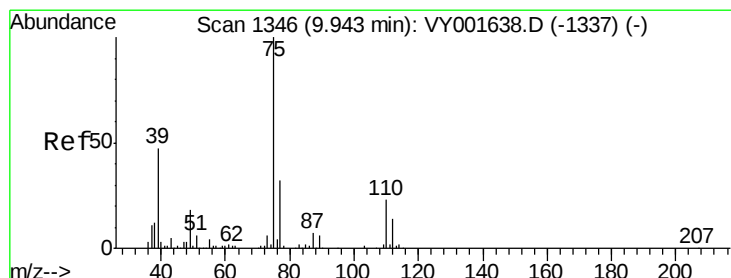
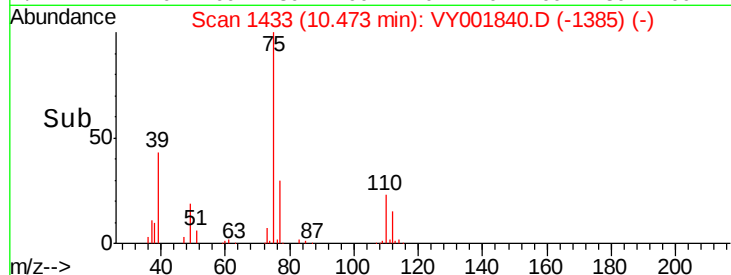
40000

20000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 52.768 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

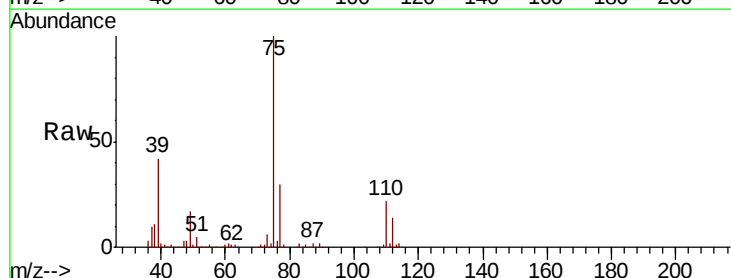
Tgt Ion: 75 Resp: 172841

Ion Ratio Lower Upper

75 100

77 29.7 25.7 38.5

39 41.8 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

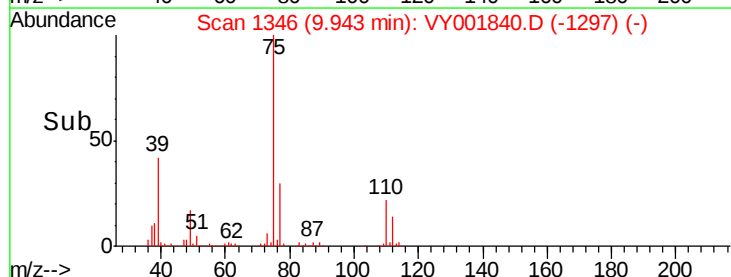
100000

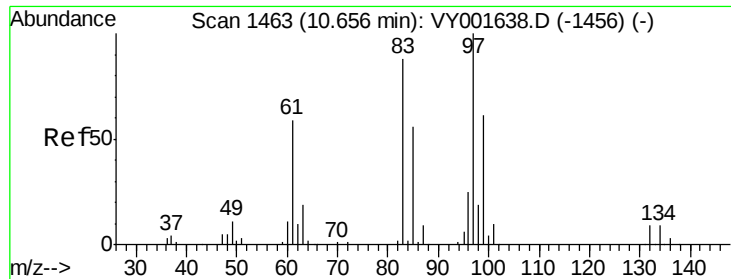
50000

0

Time-->

9.90 10.00

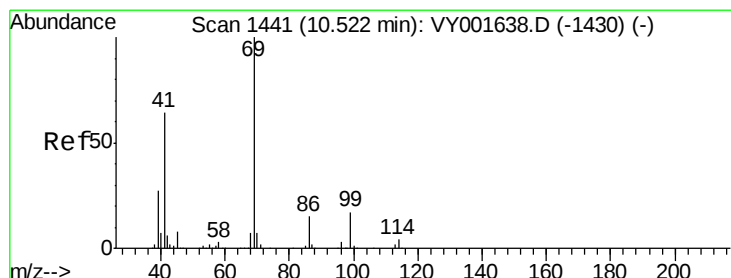
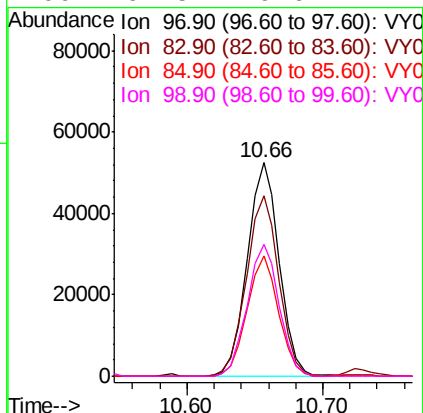
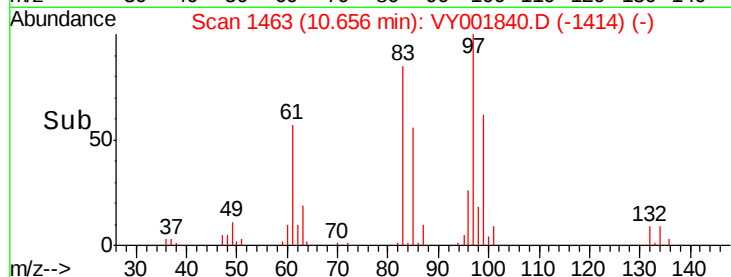
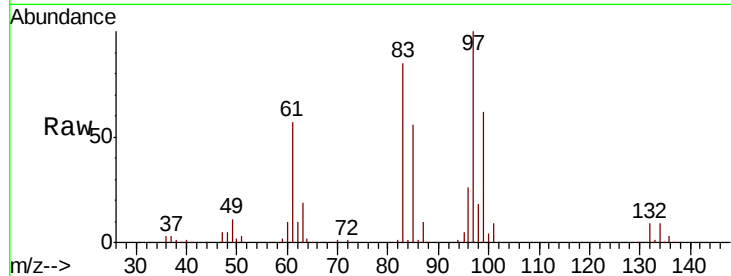




#55
 1,1,2-Trichloroethane
 Concen: 54.702 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

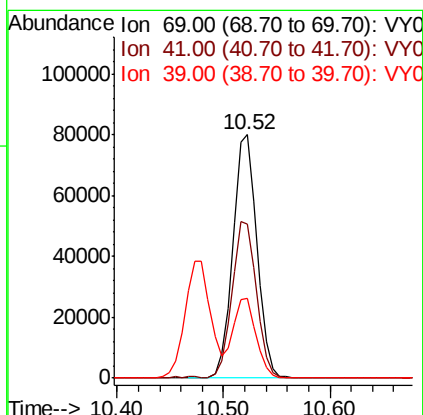
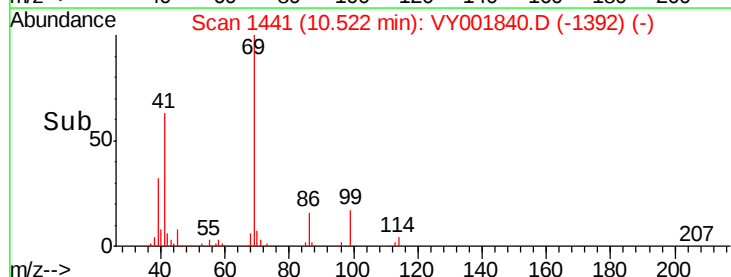
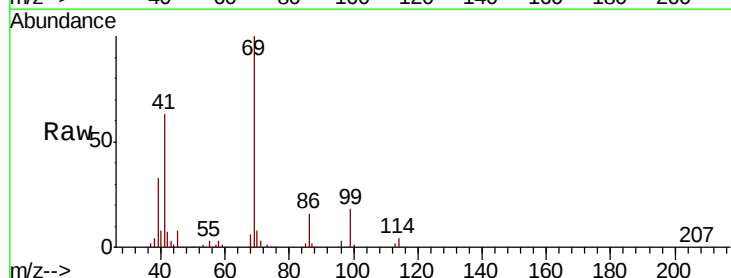
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

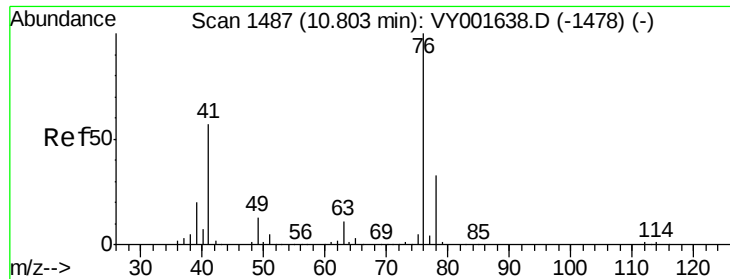
Tot Ion:	97	Resp:	86035
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.7	104.5
85	56.4	44.5	66.7
99	61.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.846 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion:	69	Resp:	127049
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.0	76.4
39	32.2	24.7	37.1

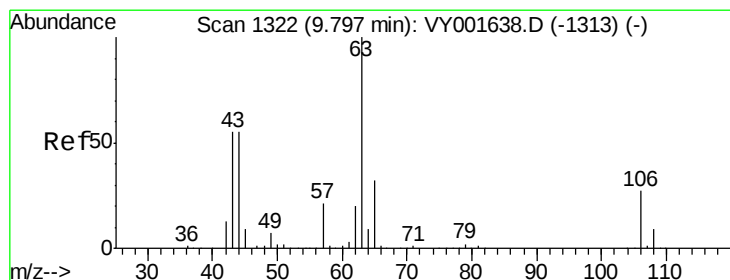
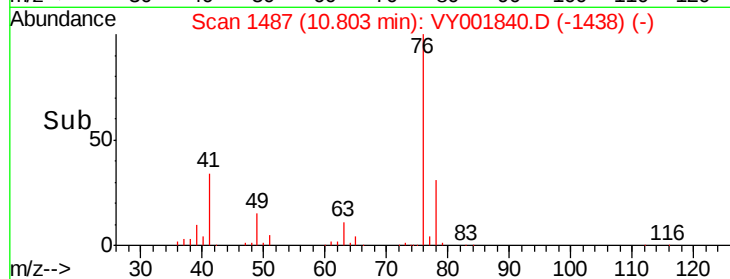
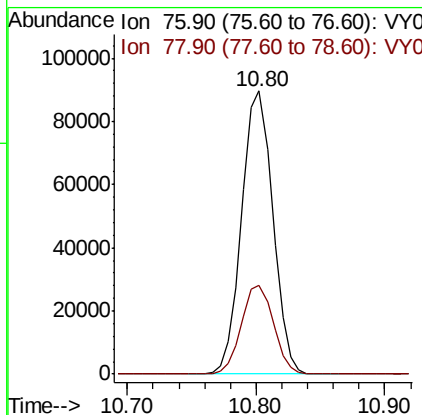
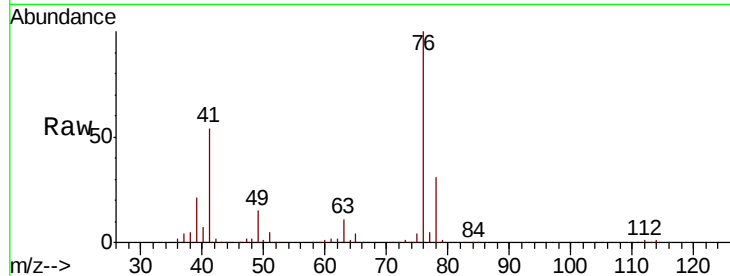




#57
 1,3-Dichloropropane
 Concen: 53.760 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

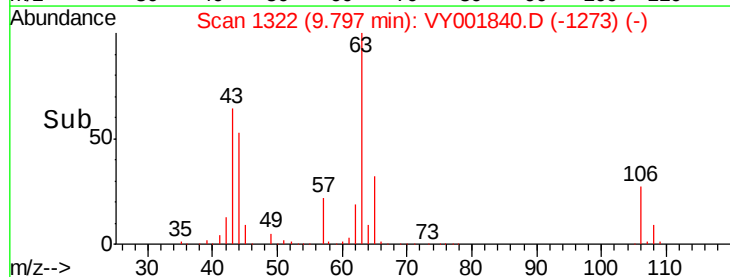
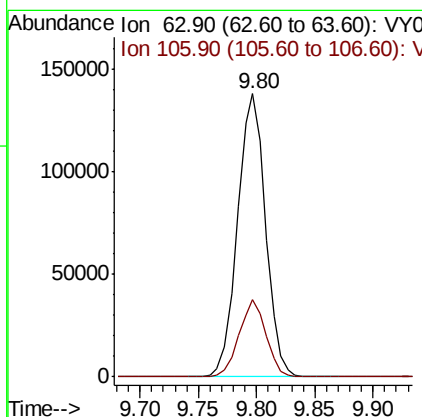
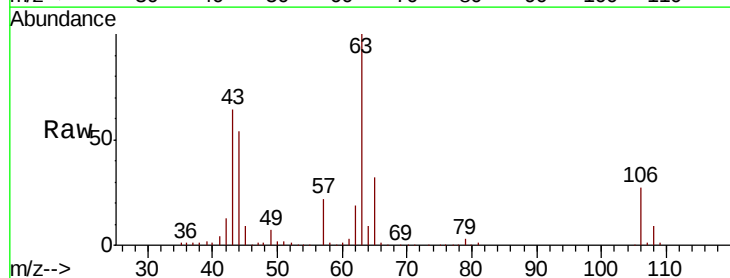
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

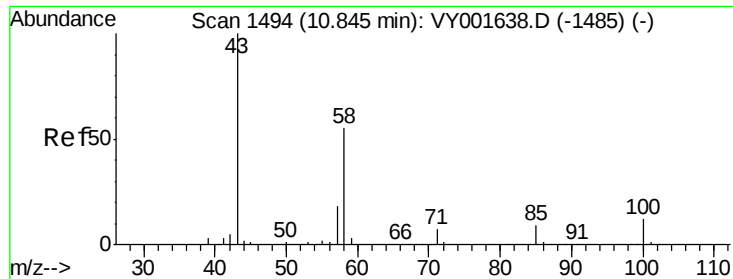
Tot Ion: 76 Resp: 150236
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.847 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 63 Resp: 230725
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.6 32.4

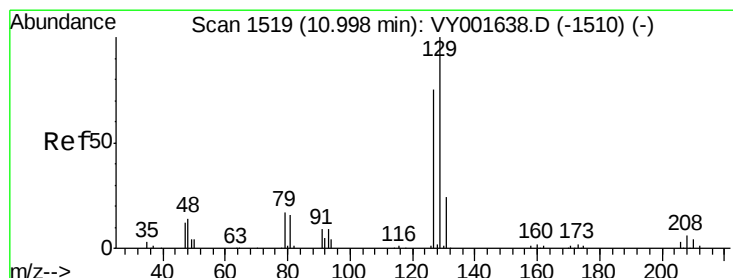
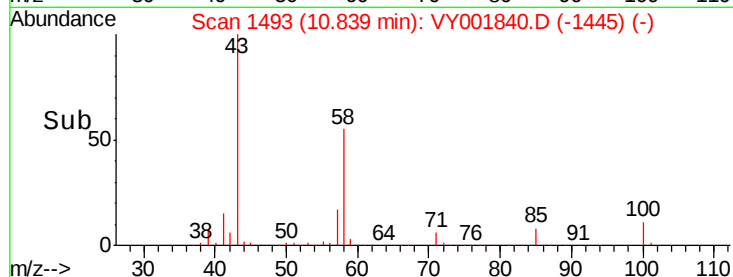
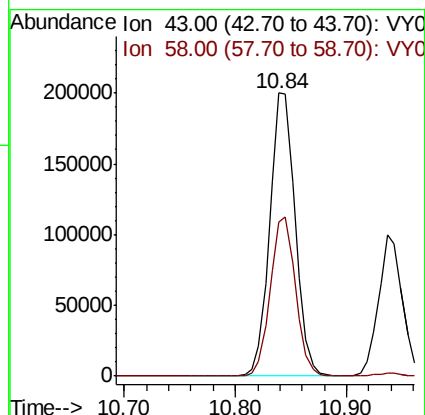
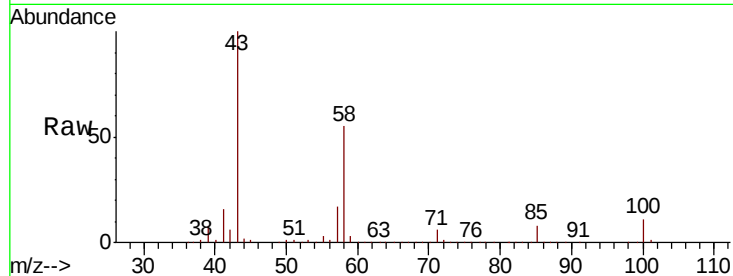




#59
2-Hexanone
Concen: 264.525 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

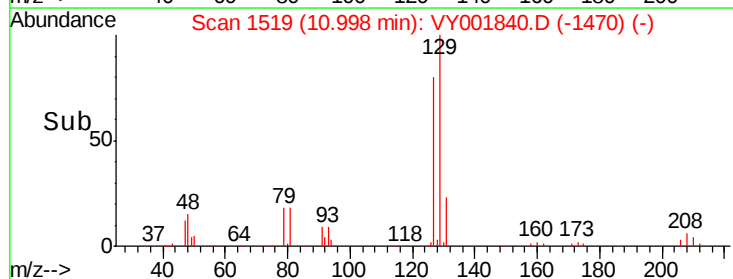
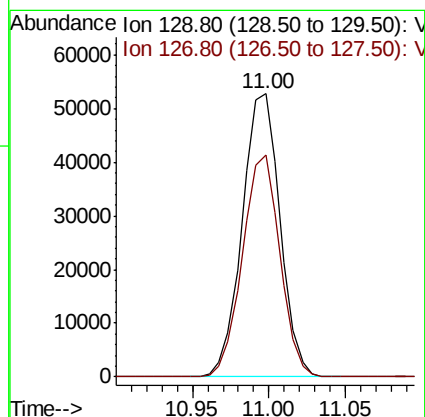
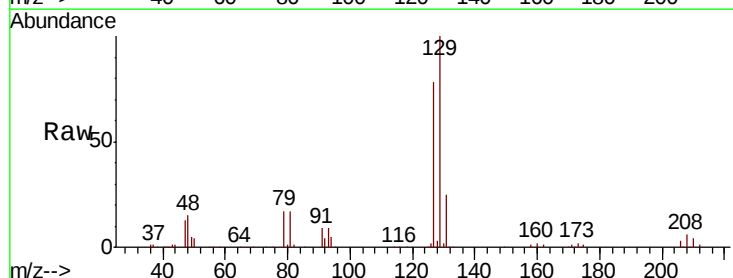
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

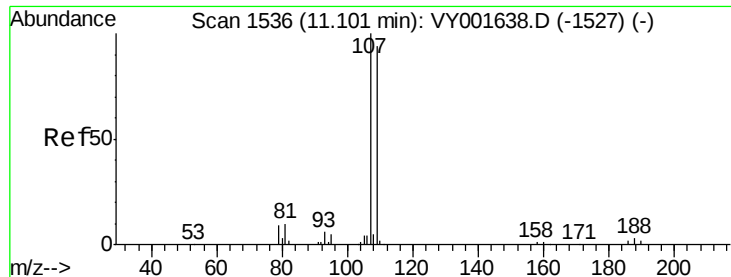
Tot Ion: 43 Resp: 319735
Ion Ratio Lower Upper
43 100
58 55.8 28.4 85.2



#60
Dibromochloromethane
Concen: 52.296 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 129 Resp: 90682
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

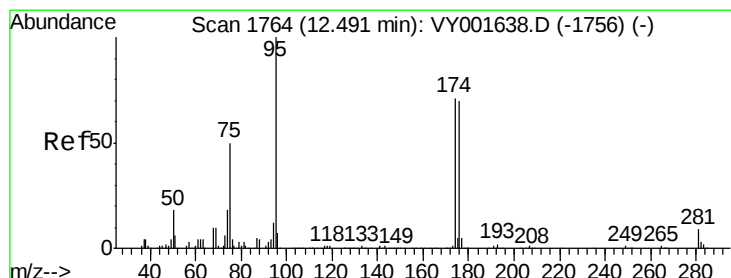
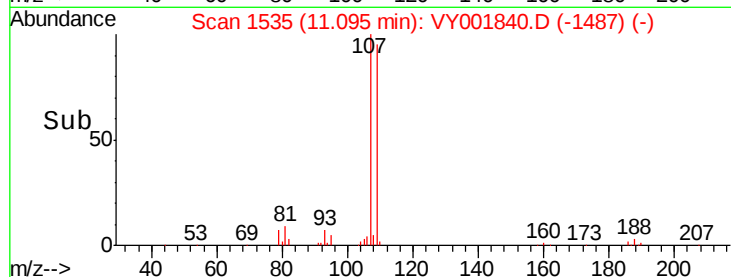
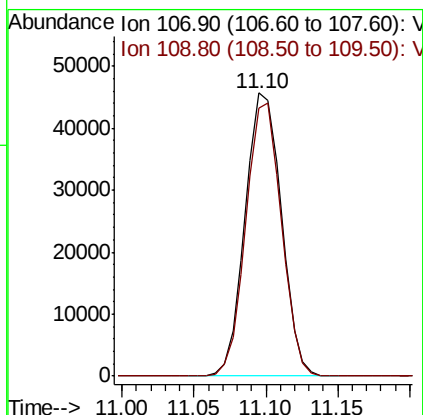
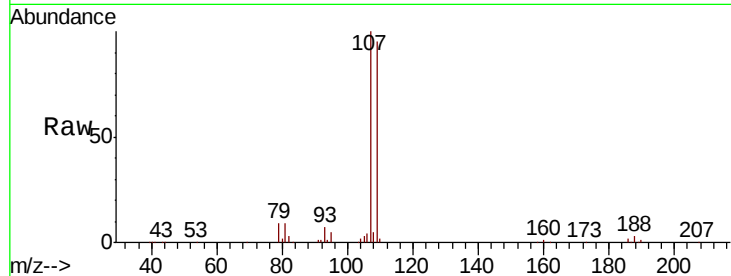




#61
 1,2-Dibromoethane
 Concen: 53.446 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

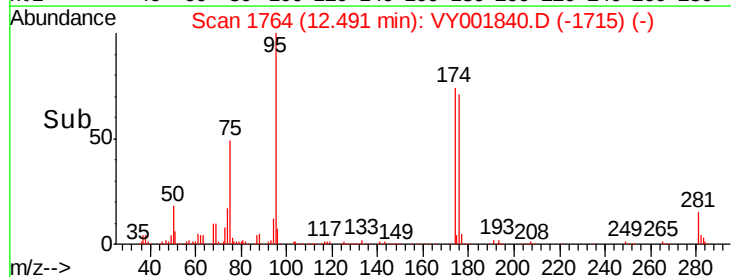
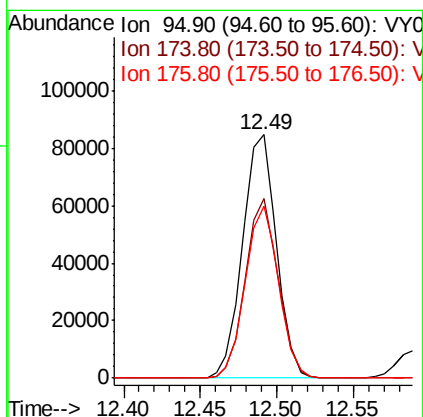
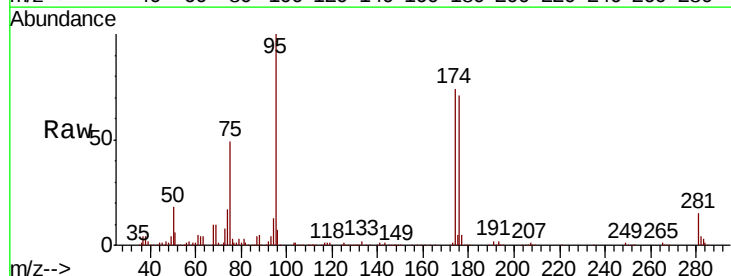
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

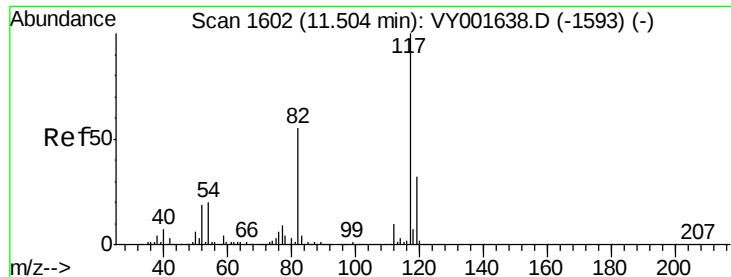
Tot Ion: 107 Resp: 79481
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.531 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion: 95 Resp: 130208
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 138.4
 176 69.9 0.0 131.8

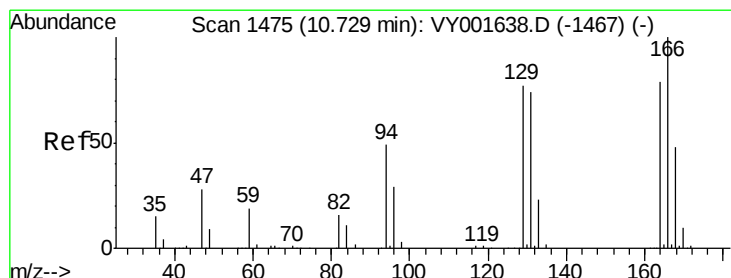
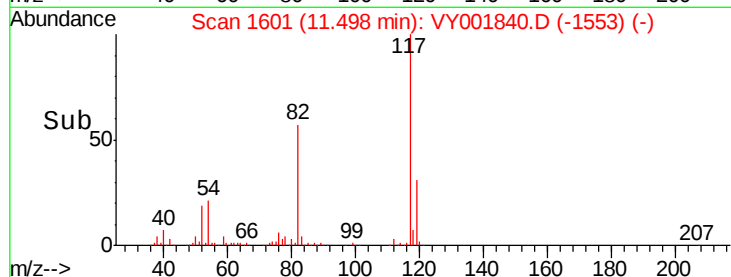
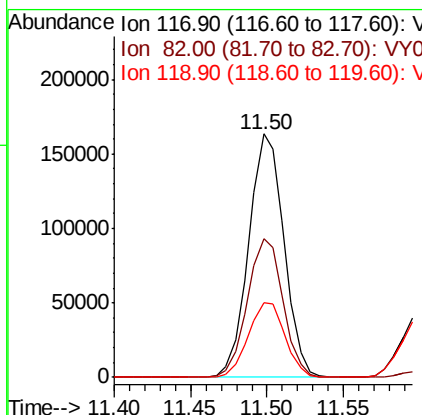
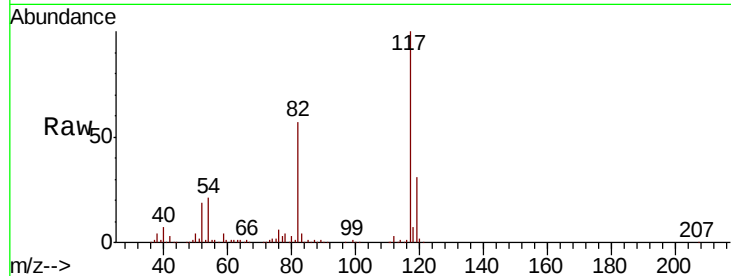




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

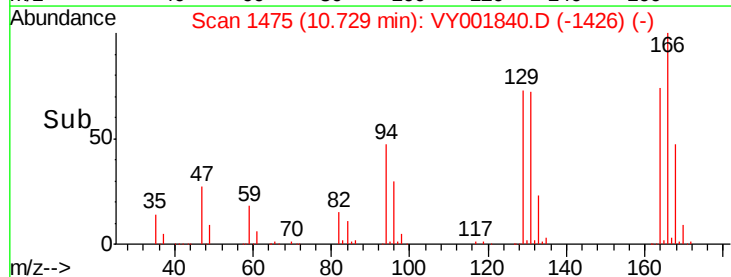
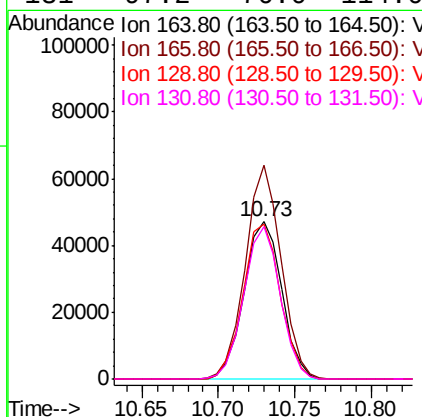
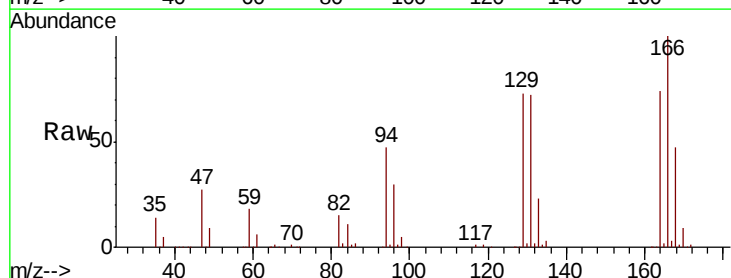
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

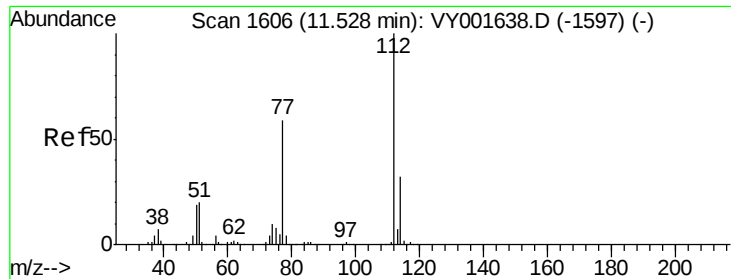
Tot Ion:117 Resp: 261919
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 30.6 25.8 38.6



#64
Tetrachloroethene
Concen: 48.946 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:164 Resp: 80478
Ion Ratio Lower Upper
164 100
166 135.7 101.4 152.0
129 98.6 78.7 118.1
131 97.2 76.0 114.0

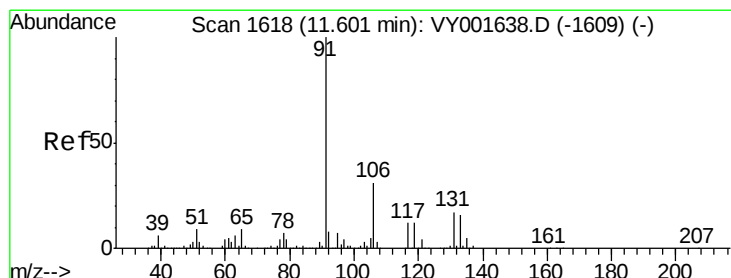
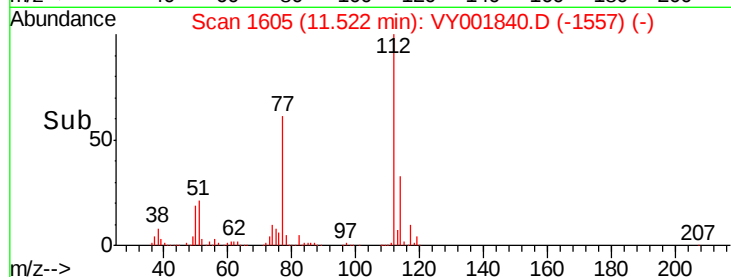
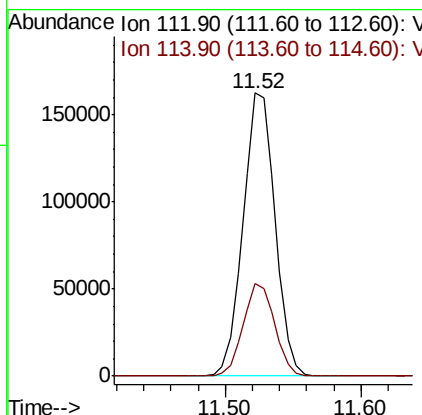
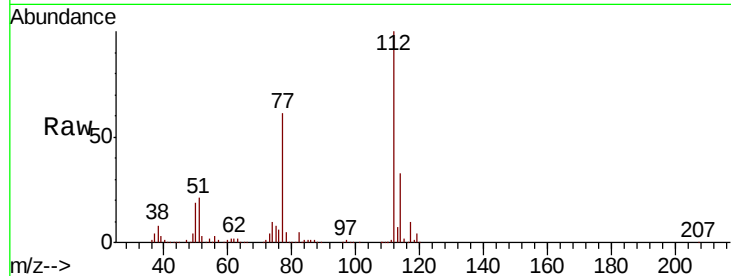




#65
Chlorobenzene
Concen: 51.155 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

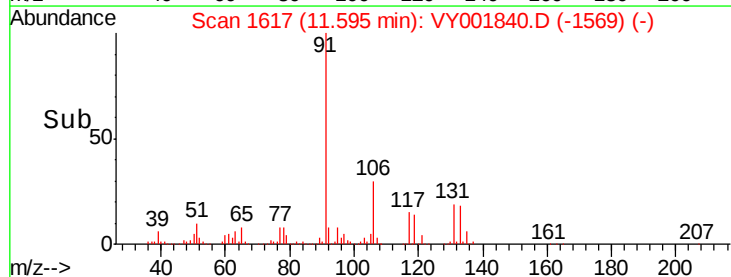
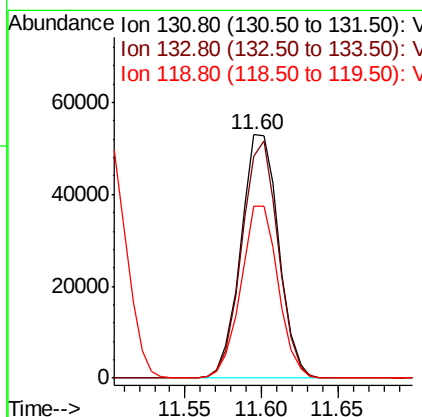
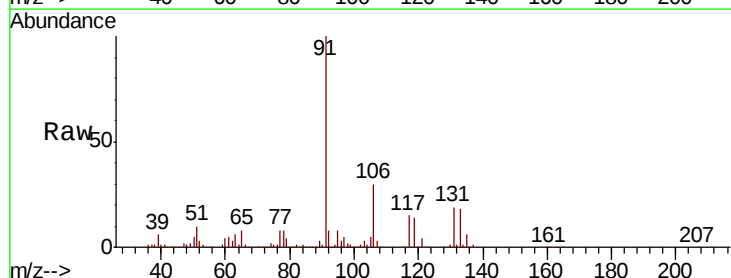
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

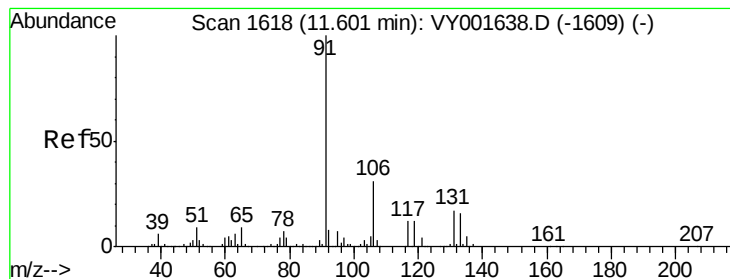
Tot Ion:112 Resp: 267499
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.580 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:131 Resp: 90986
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.2
119 69.5 34.4 103.1





#67

Ethyl Benzene

Concen: 51.509 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

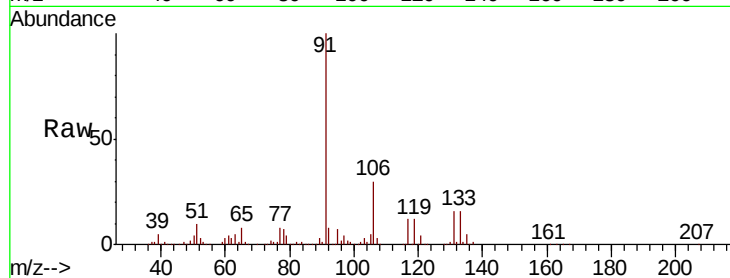
VSTDCCC050EC

Tot Ion: 91 Resp: 499852

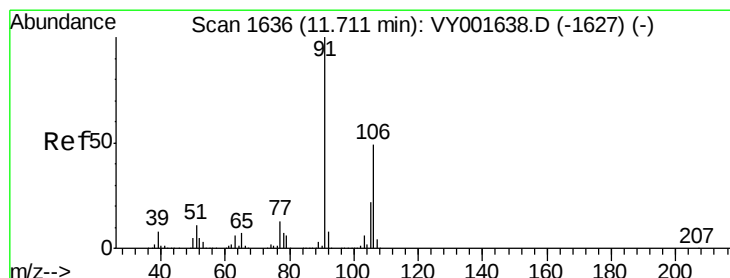
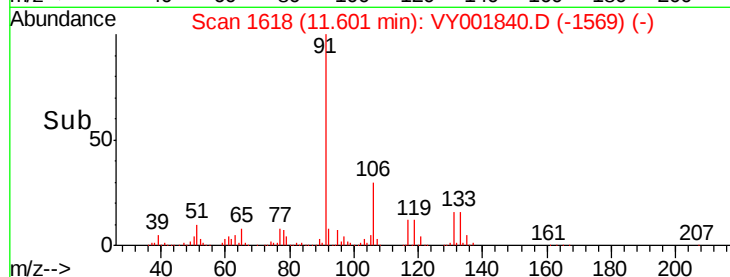
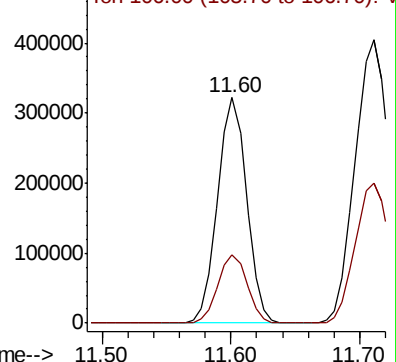
Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 103.257 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001840.D

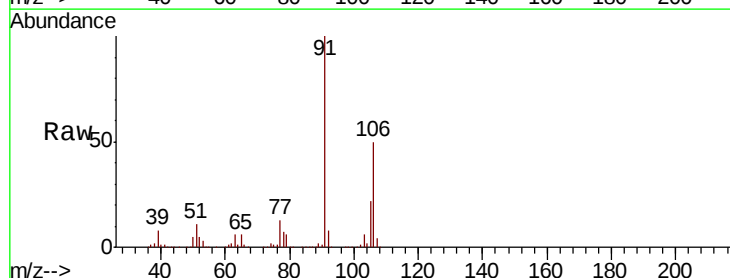
Acq: 03 Mar 2020 17:11

Tgt Ion: 106 Resp: 374299

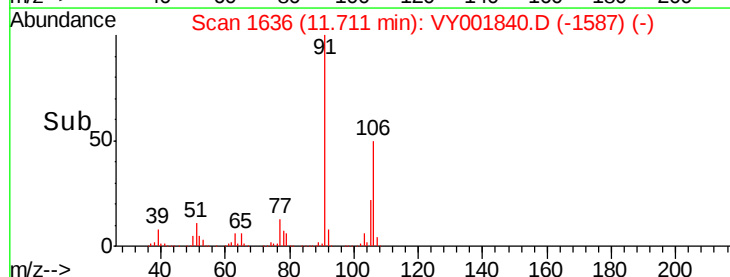
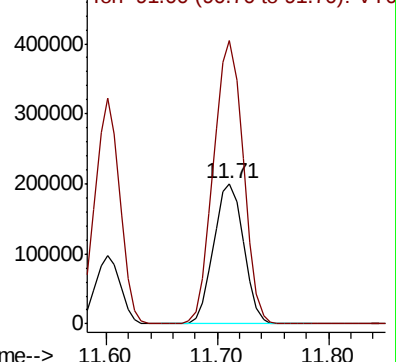
Ion Ratio Lower Upper

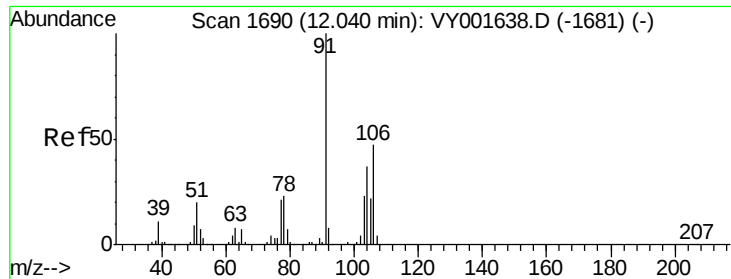
106 100

91 200.9 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

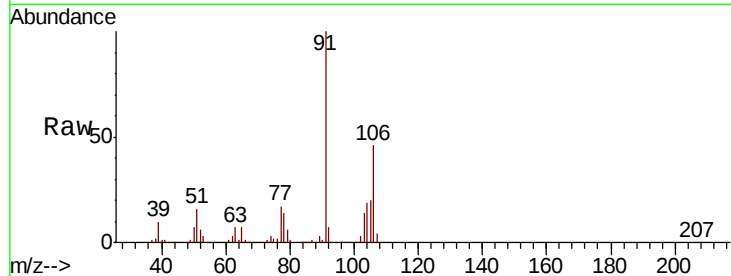




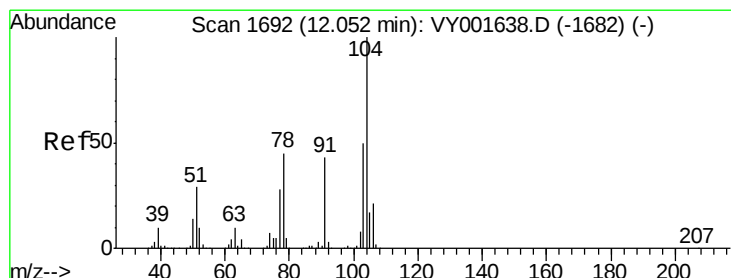
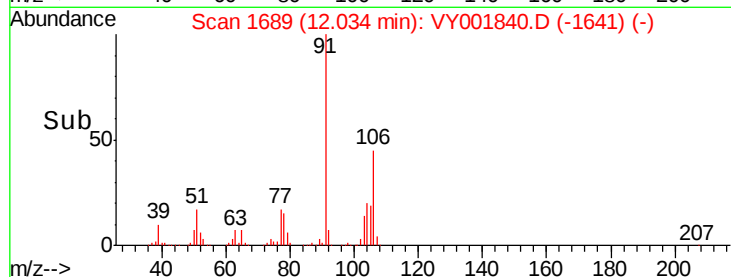
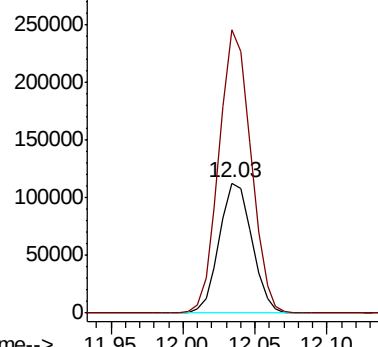
#69
o-Xylene
Concen: 51.345 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 176947
Ion Ratio Lower Upper
106 100
91 213.0 108.3 324.9

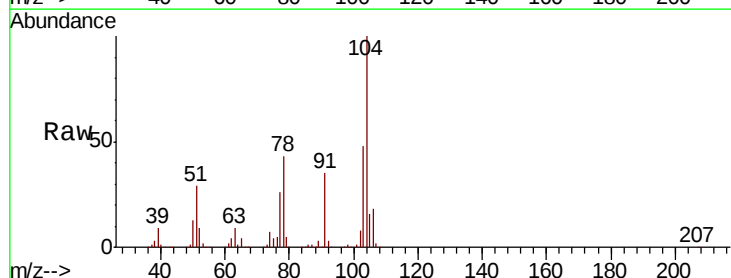


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

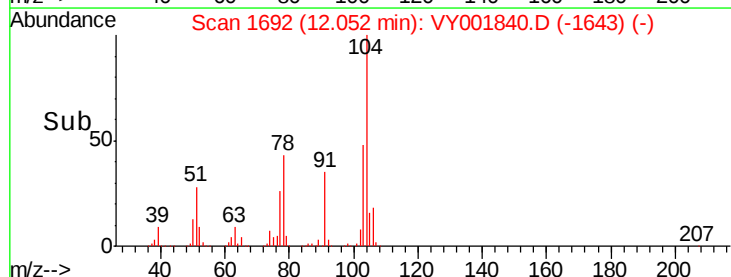
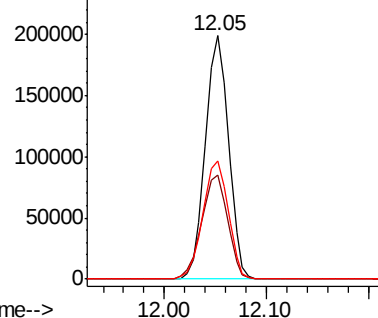


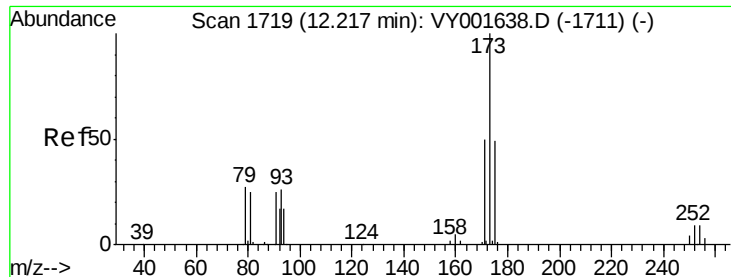
#70
Styrene
Concen: 52.000 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:104 Resp: 311438
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 53.4 43.0 64.6



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





#71

Bromoform

Concen: 52.038 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

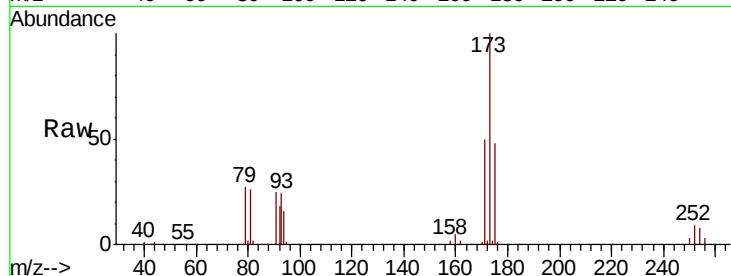
Tot Ion:173 Resp: 52458

Ion Ratio Lower Upper

173 100

175 46.9 24.3 73.0

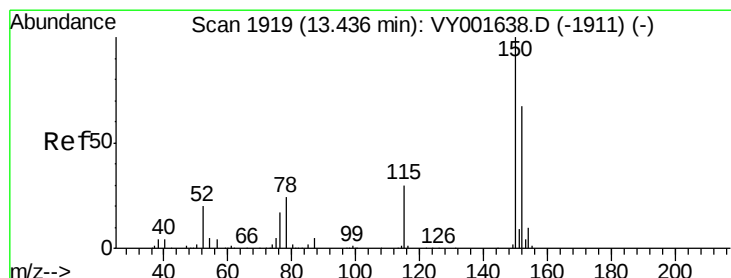
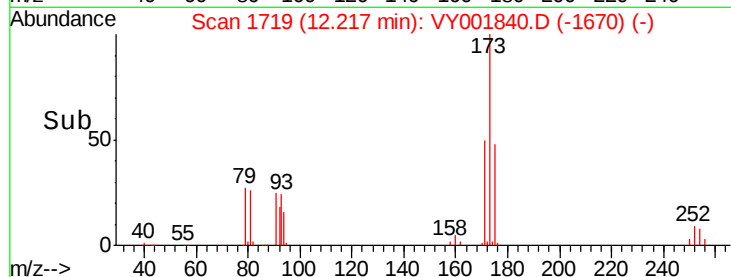
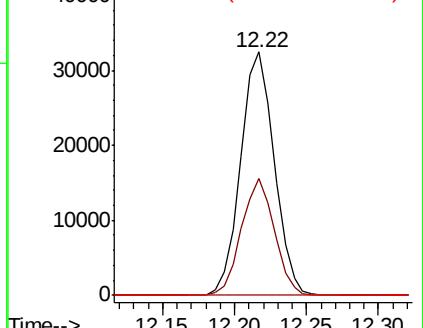
254 0.0 0.1 0.1#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

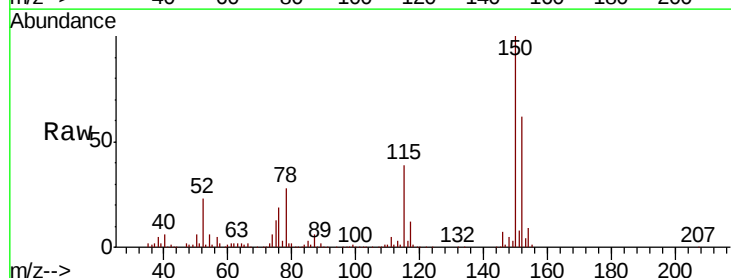
Tgt Ion:152 Resp: 121695

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

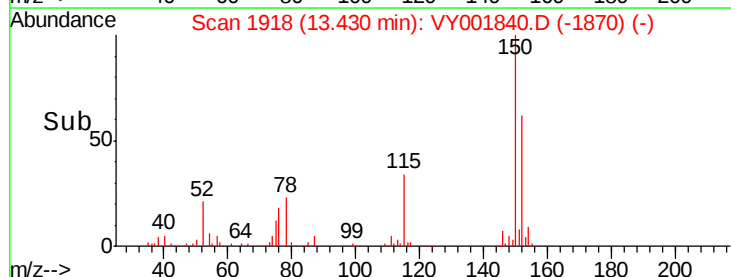
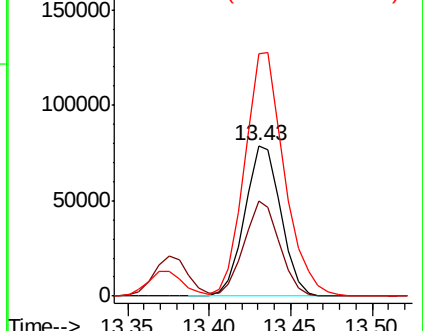
150 176.8 0.0 407.2

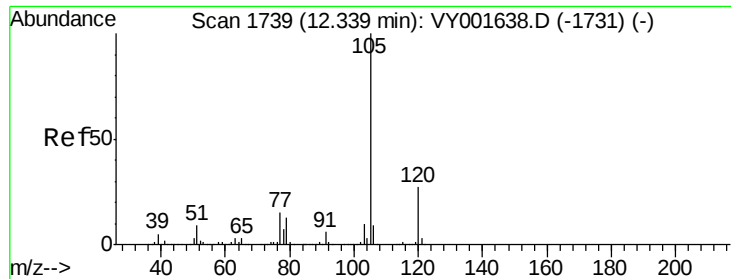


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.984 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

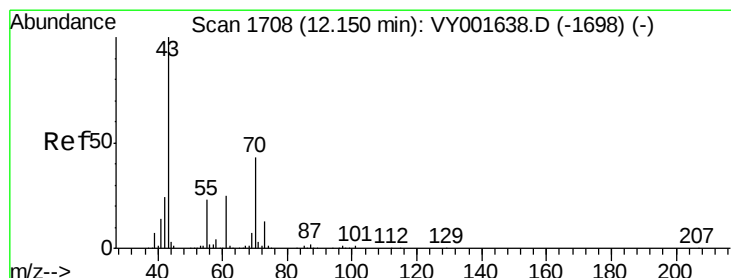
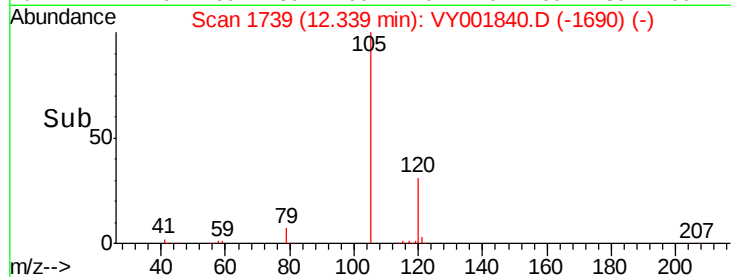
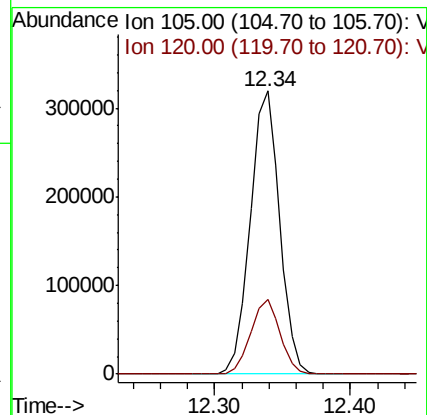
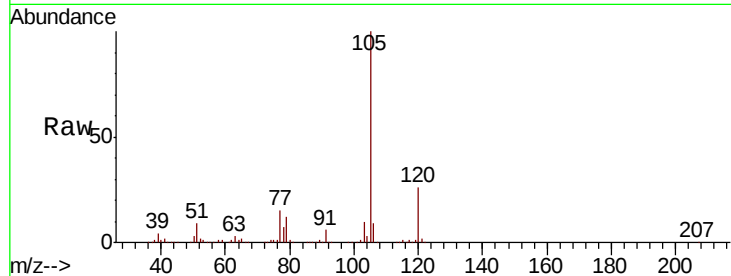
VSTDCCC050EC

Tot Ion:105 Resp: 481940

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.465 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion: 43 Resp: 158190

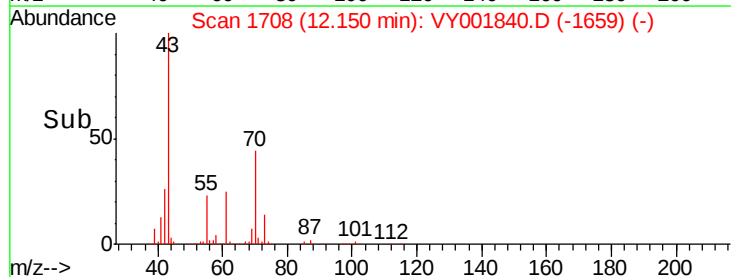
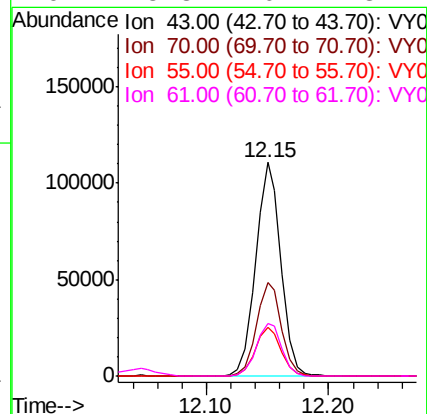
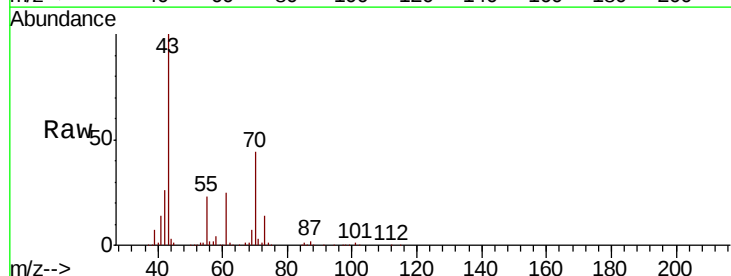
Ion Ratio Lower Upper

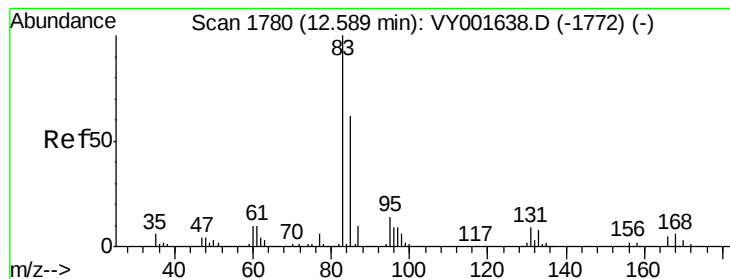
43 100

70 43.7 35.9 53.9

55 23.3 18.3 27.5

61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.922 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

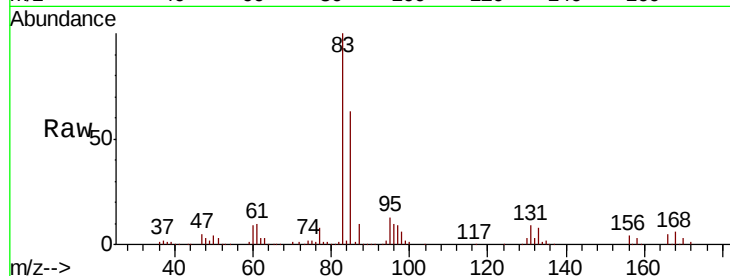
Tot Ion: 83 Resp: 108720

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.1

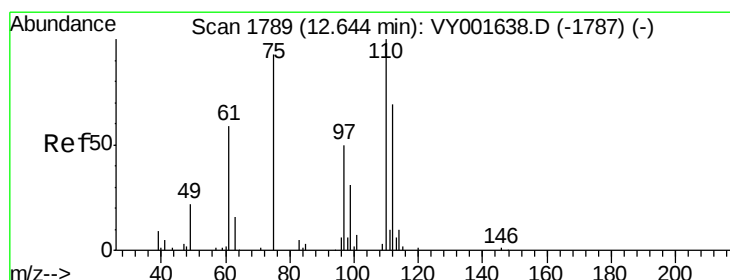
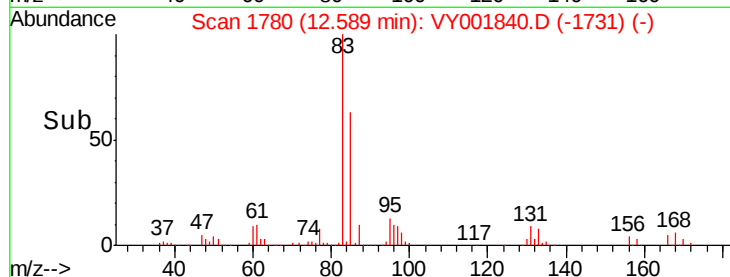
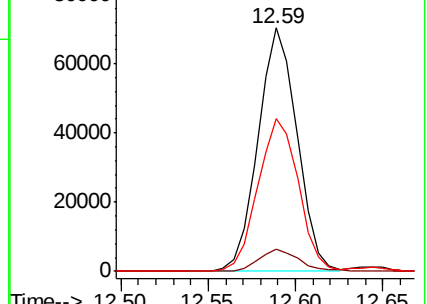
85 65.2 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001840.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001840.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001840.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 98.884 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001840.D

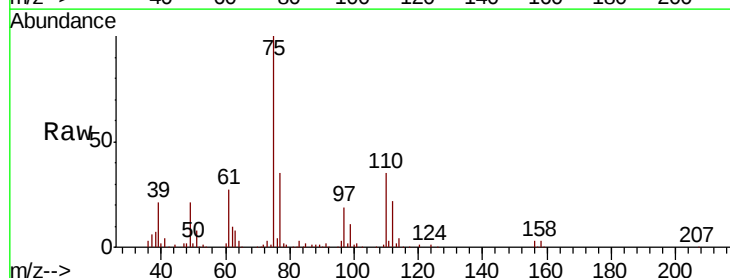
Acq: 03 Mar 2020 17:11

Tgt Ion: 75 Resp: 138042

Ion Ratio Lower Upper

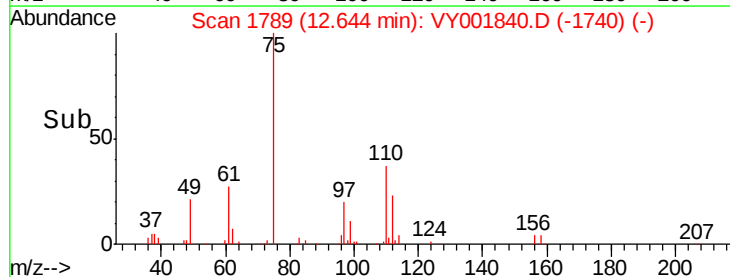
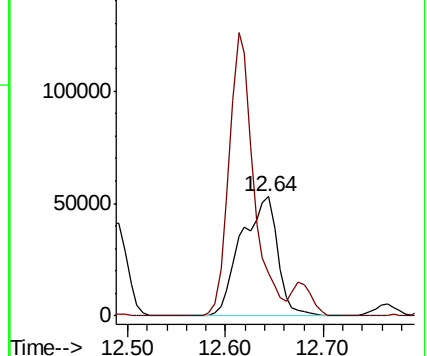
75 100

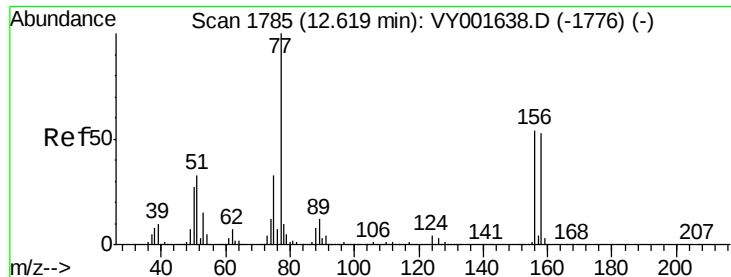
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001840.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001840.D (-1740) (-)





#77

Bromobenzene

Concen: 50.828 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

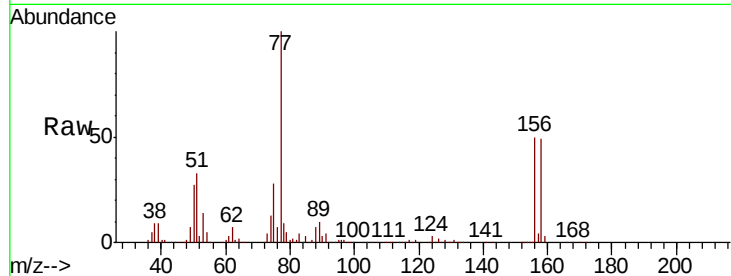
Tot Ion:156 Resp: 102153

Ion Ratio Lower Upper

156 100

77 217.1 110.1 330.1

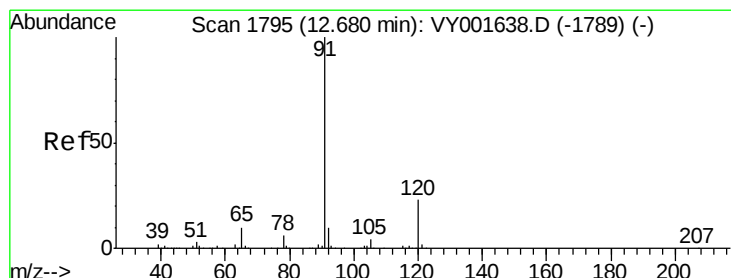
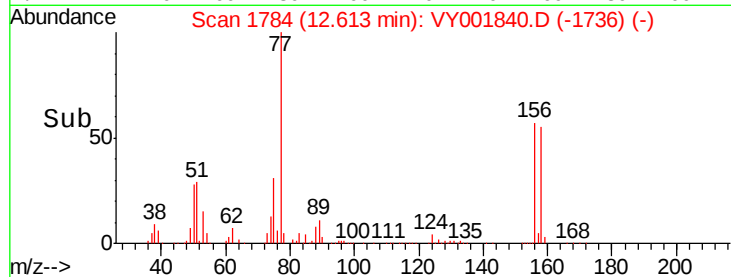
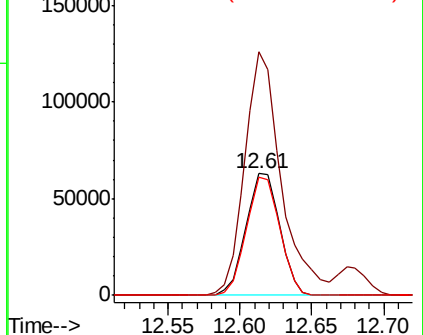
158 96.4 47.9 143.7



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: 52.568 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001840.D

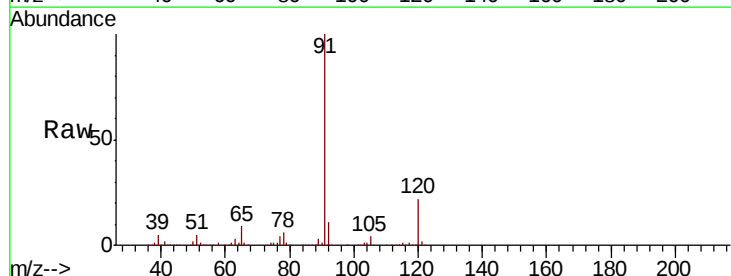
Acq: 03 Mar 2020 17:11

Tgt Ion: 91 Resp: 593553

Ion Ratio Lower Upper

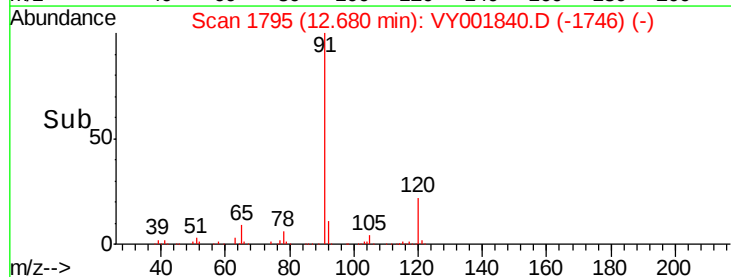
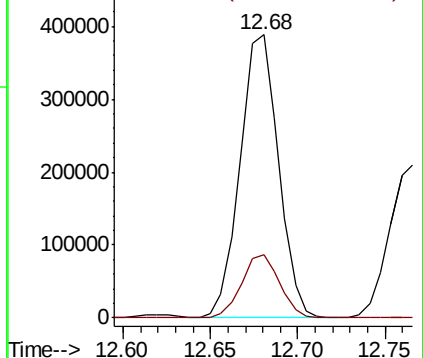
91 100

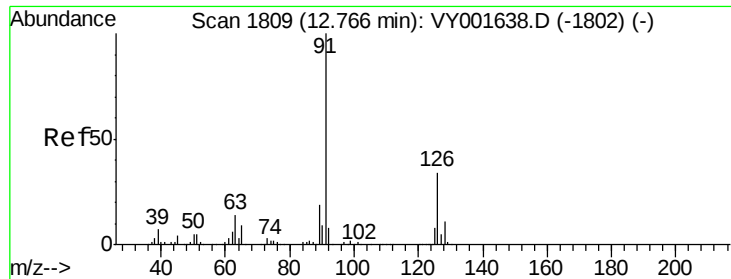
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.909 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

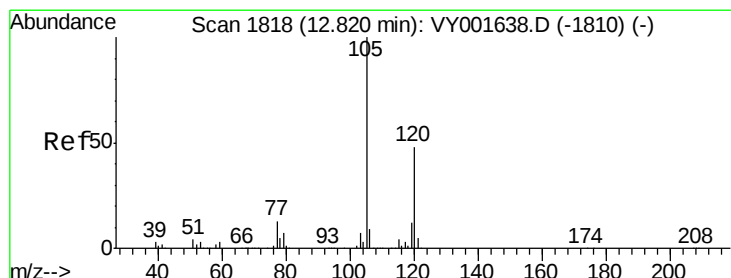
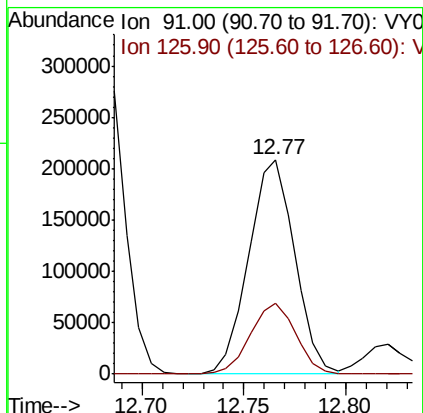
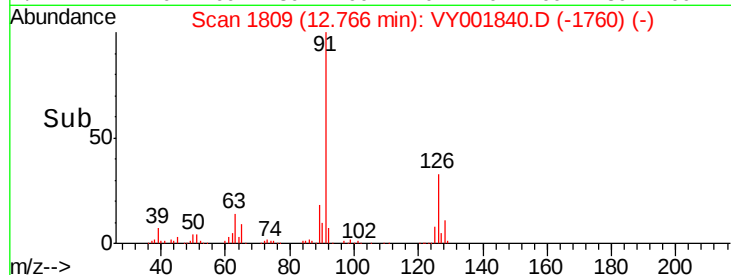
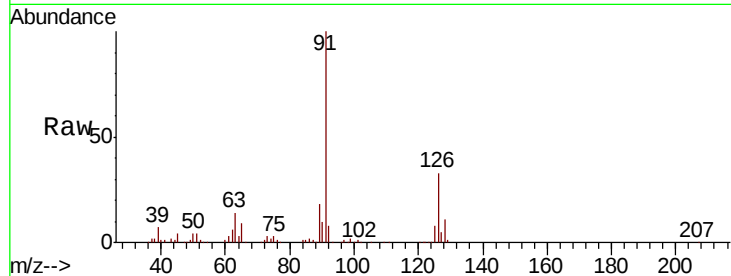
VSTDCCC050EC

Tot Ion: 91 Resp: 328733

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 51.736 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001840.D

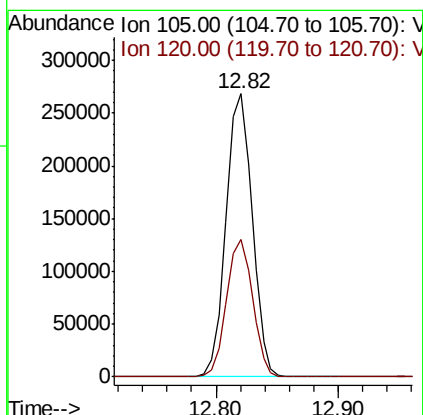
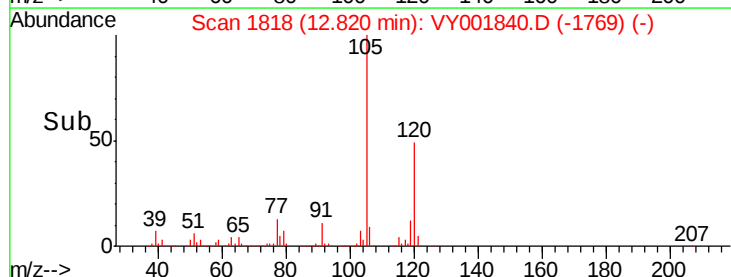
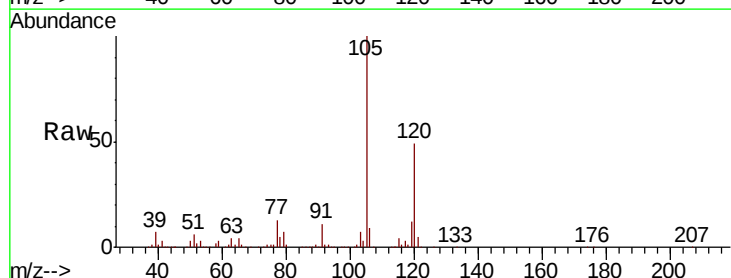
Acq: 03 Mar 2020 17:11

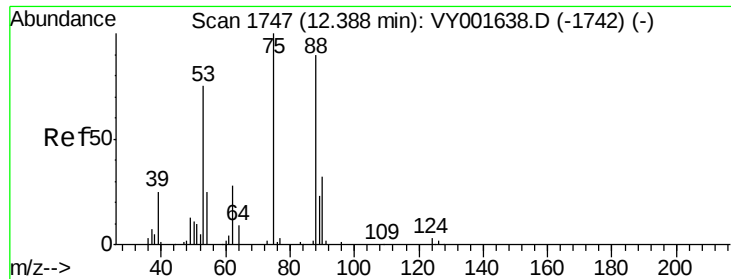
Tgt Ion: 105 Resp: 397038

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.9

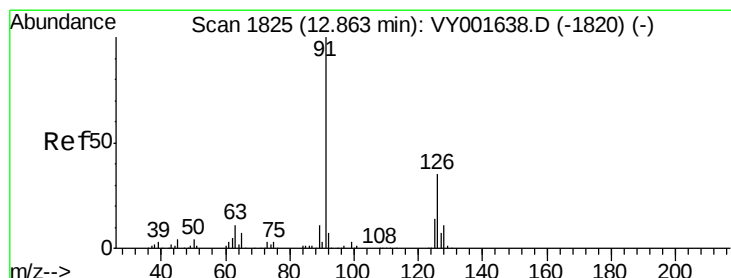
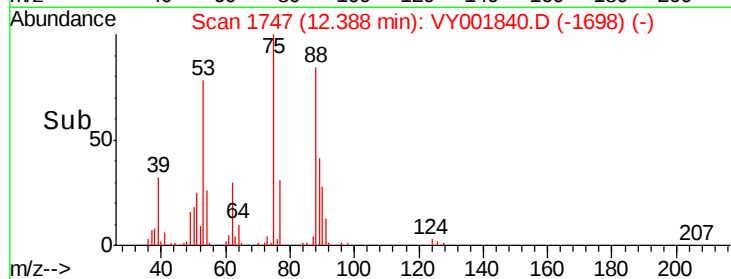
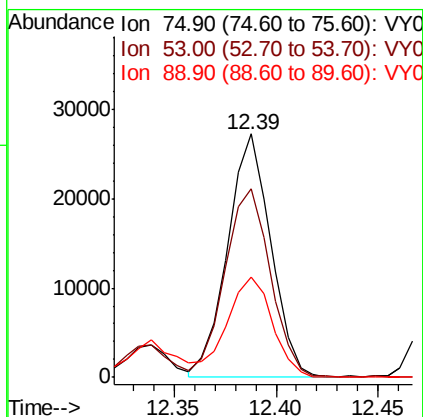
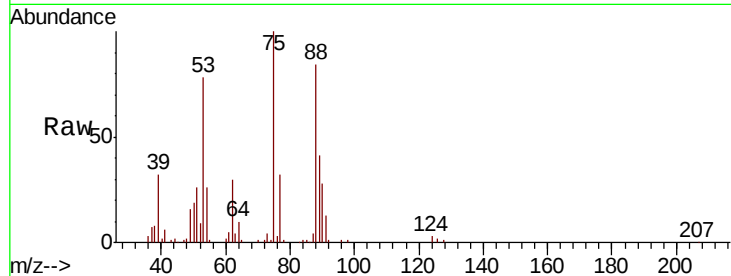




#81
trans-1,4-Dichloro-2-butene
Concen: 53.958 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

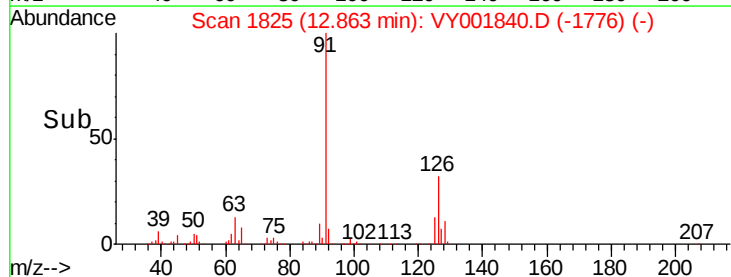
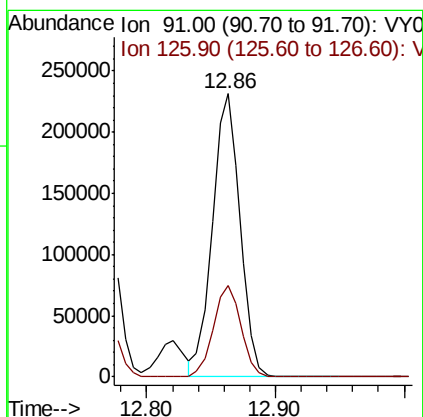
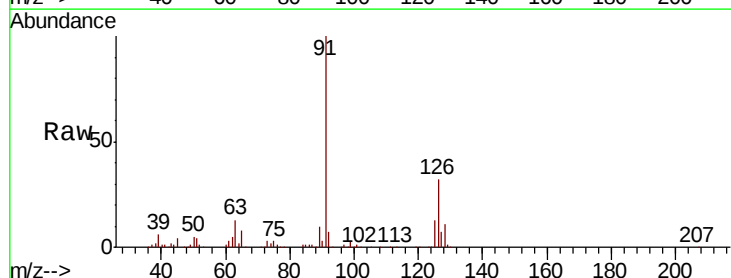
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

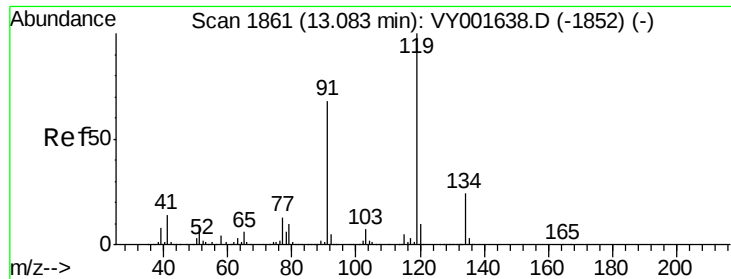
Tot Ion: 75 Resp: 39704
Ion Ratio Lower Upper
75 100
53 82.0 64.5 96.7
89 44.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.974 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 91 Resp: 347144
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

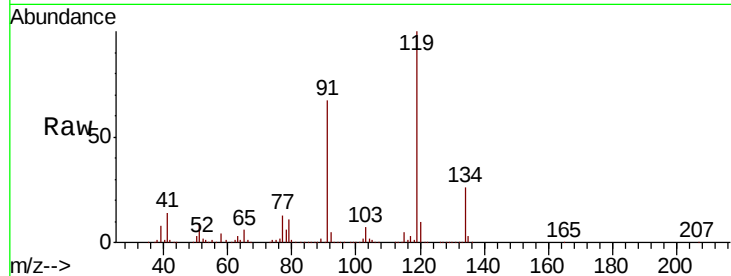




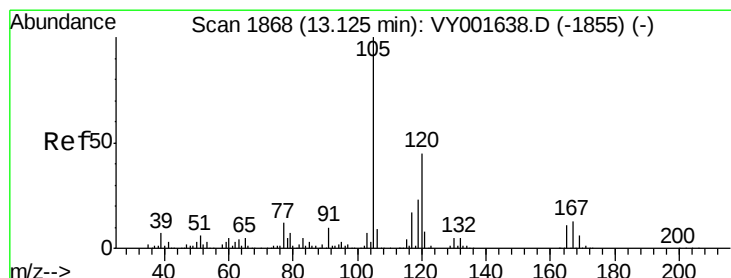
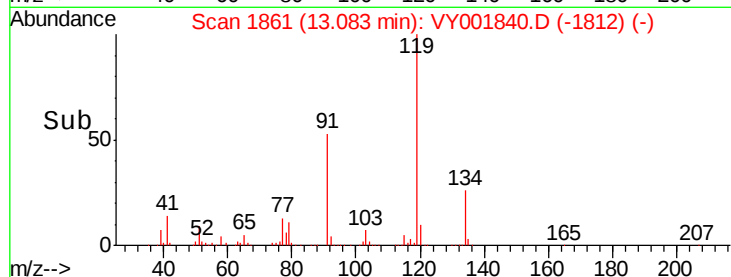
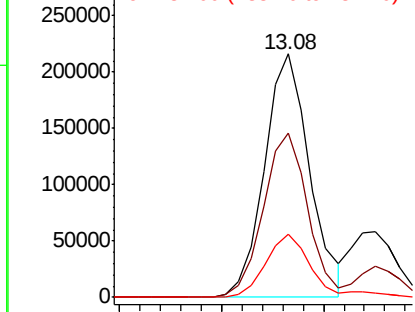
#83
tert-Butylbenzene
Concen: 51.989 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 333694
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.5
134 26.7 13.3 39.8

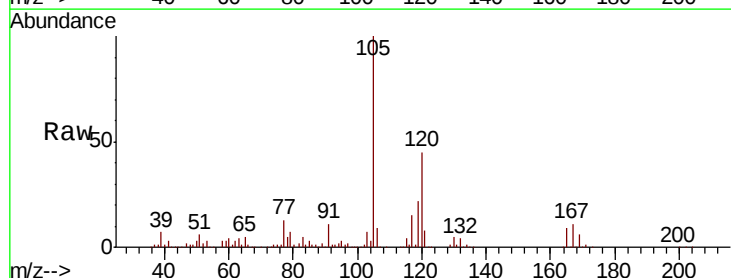


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

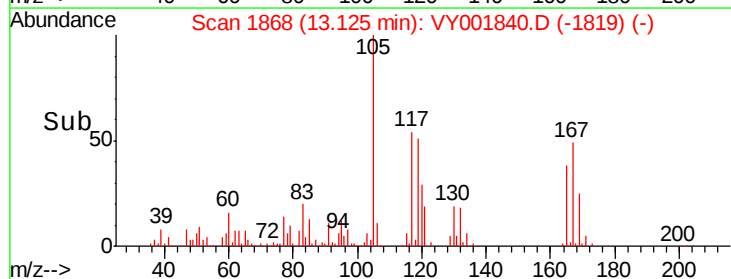
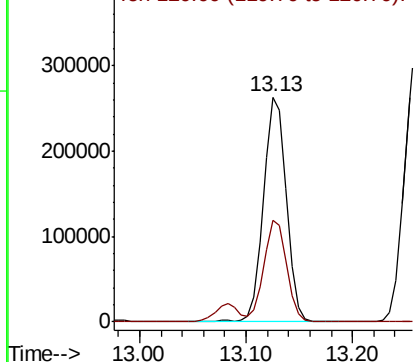


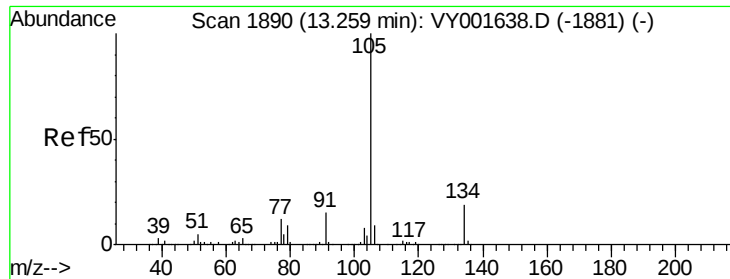
#84
1,2,4-Trimethylbenzene
Concen: 51.902 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion:105 Resp: 397102
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 52.290 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

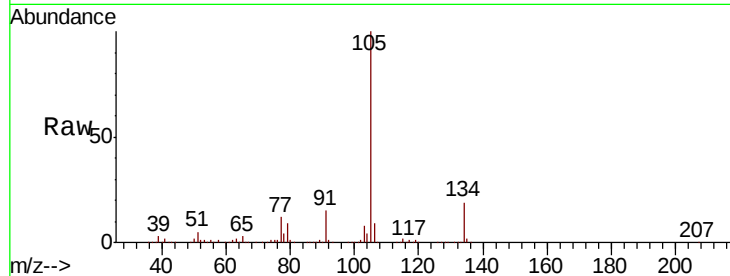
VSTDCCC050EC

Tot Ion:105 Resp: 493621

Ion Ratio Lower Upper

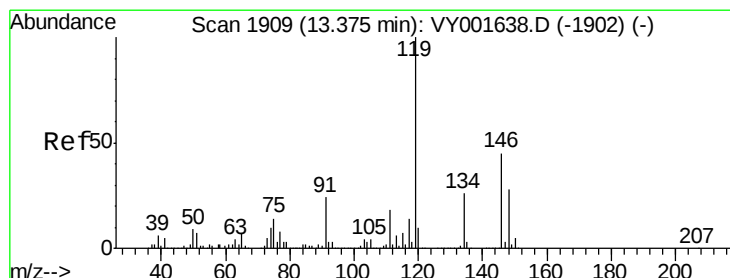
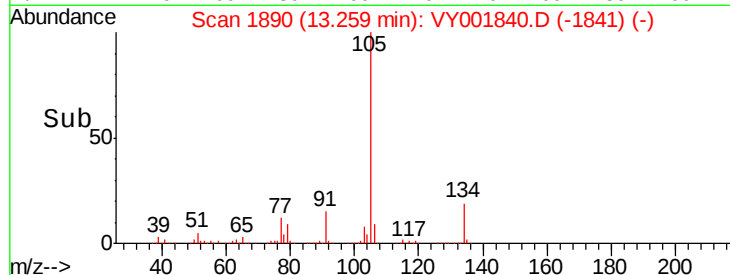
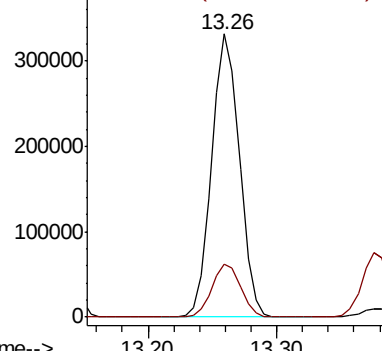
105 100

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: 51.837 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

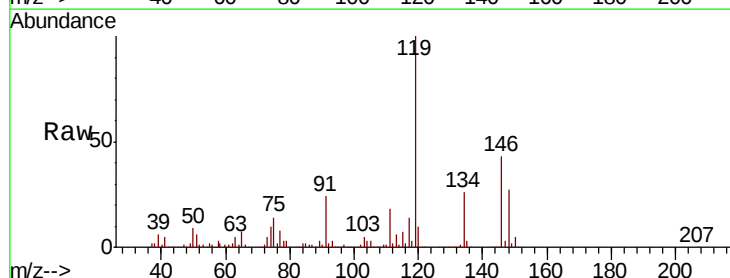
Tgt Ion:119 Resp: 425109

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

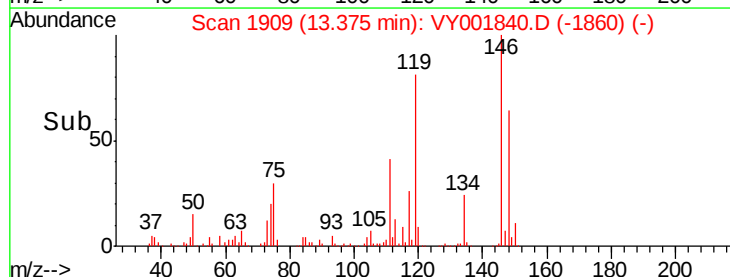
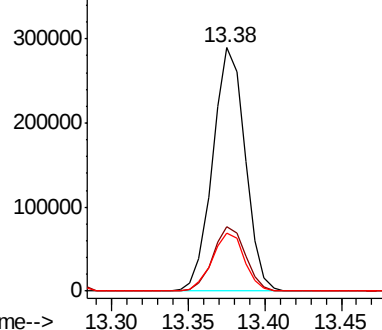
91 23.7 12.2 36.6

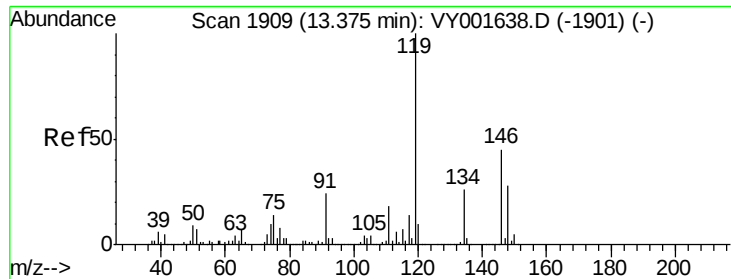


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.291 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

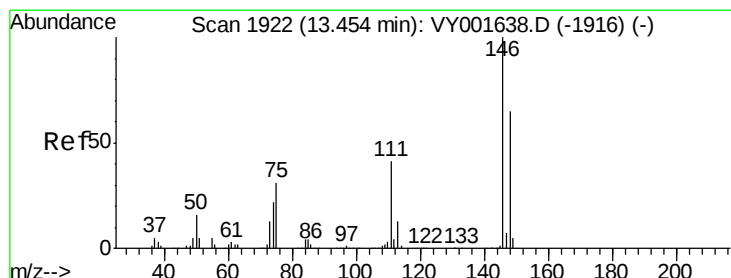
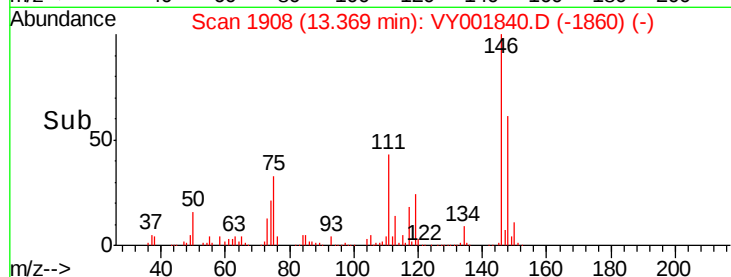
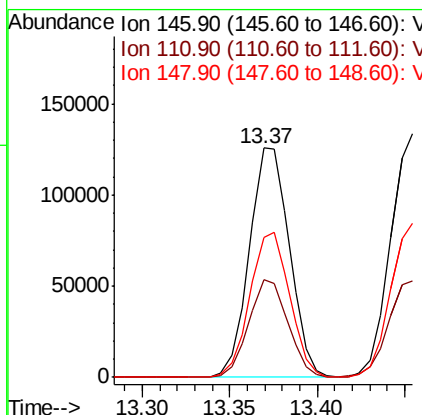
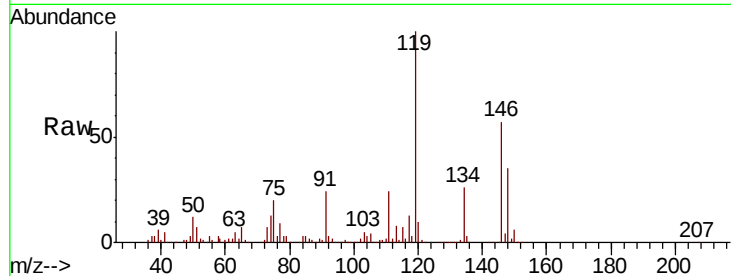
Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 199921

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	62.7	31.6	94.7



#88

1,4-Dichlorobenzene

Concen: 51.041 ug/l

RT: 13.45 min Scan# 1922

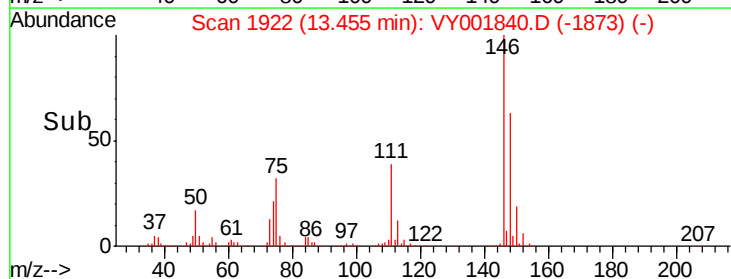
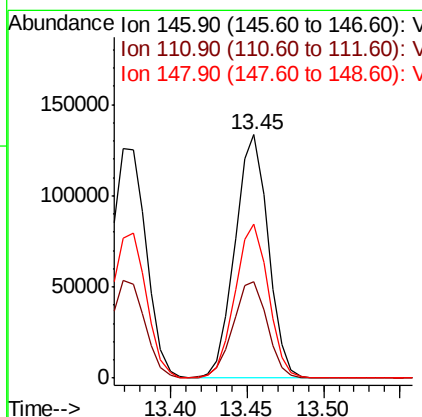
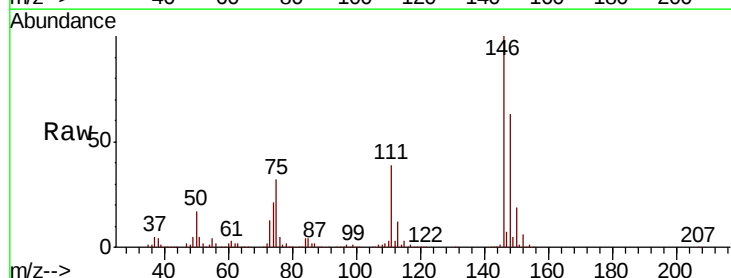
Delta R.T. 0.00 min

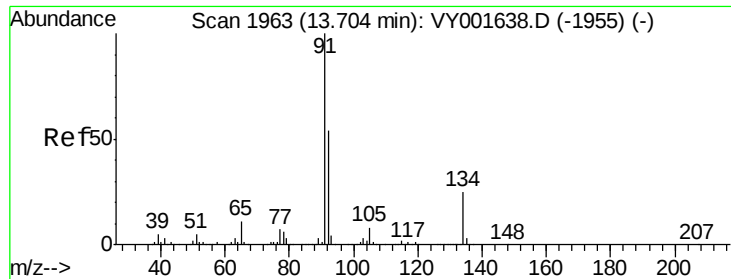
Lab File: VY001840.D

Acq: 03 Mar 2020 17:11

Tgt Ion:146 Resp: 201100

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.6	31.6	94.7

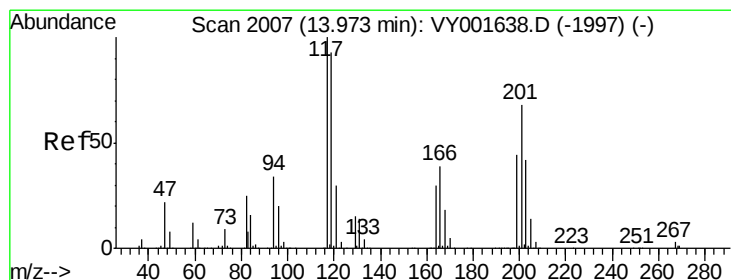
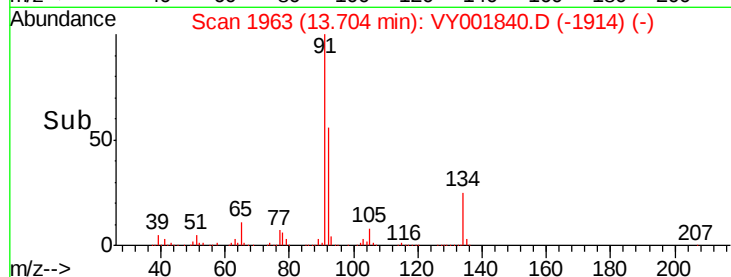
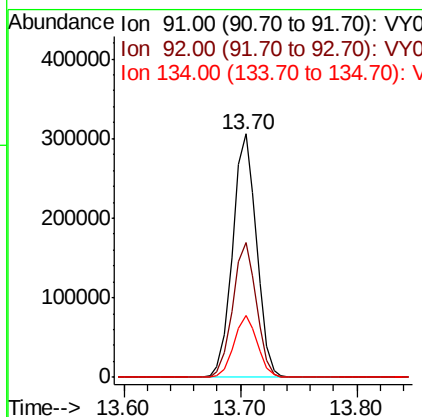
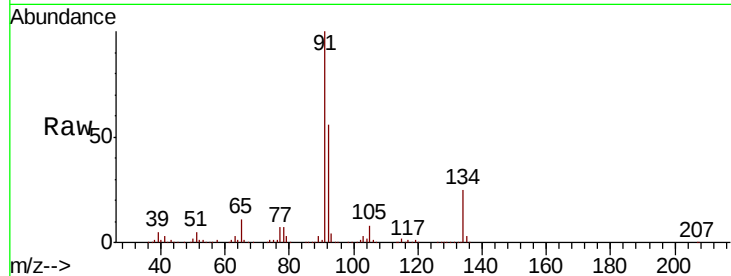




#89
n-Butylbenzene
Concen: 52.014 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

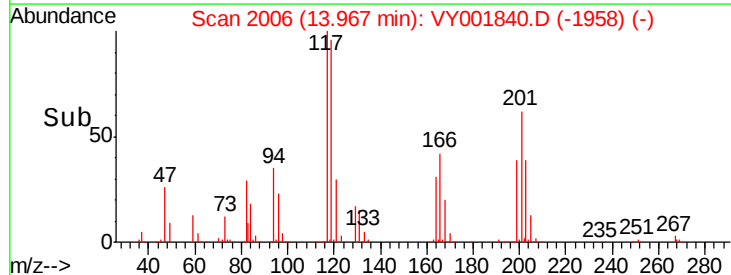
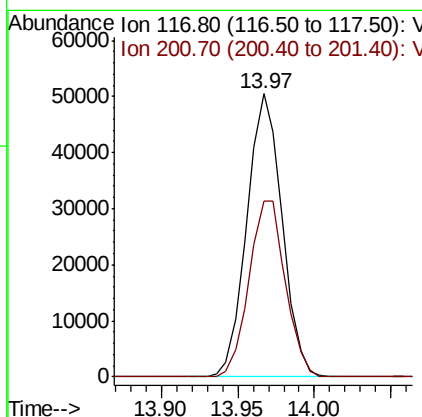
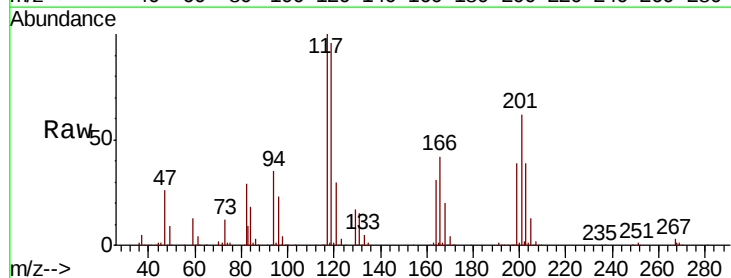
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

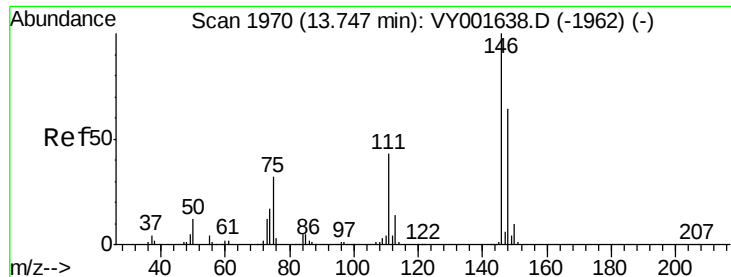
Tot Ion: 91 Resp: 435863
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 52.264 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion: 117 Resp: 80754
Ion Ratio Lower Upper
117 100
201 64.5 32.5 97.4

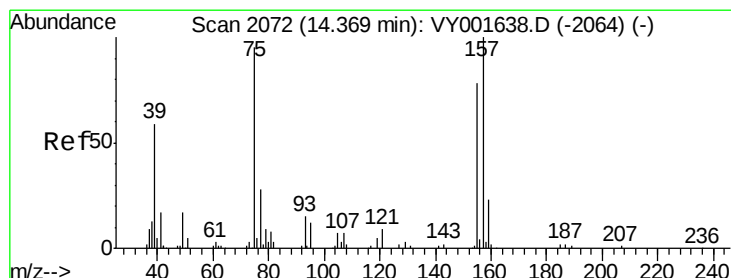
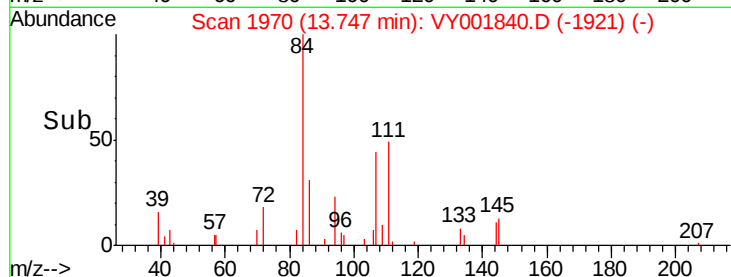
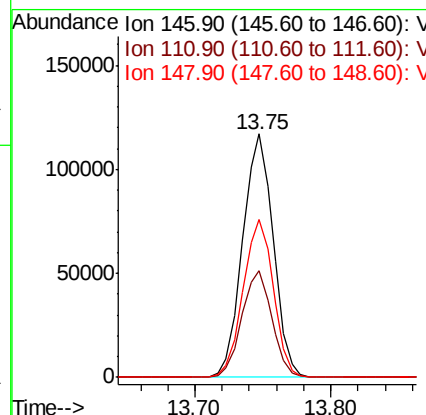
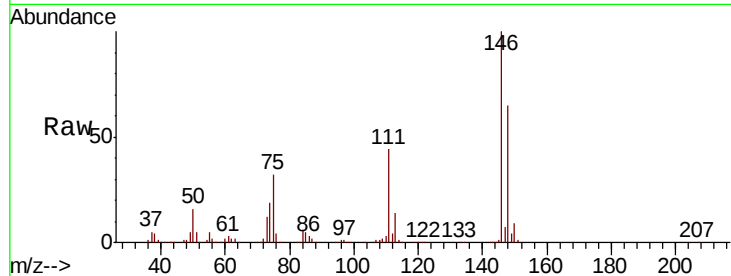




#91
 1,2-Dichlorobenzene
 Concen: 50.916 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

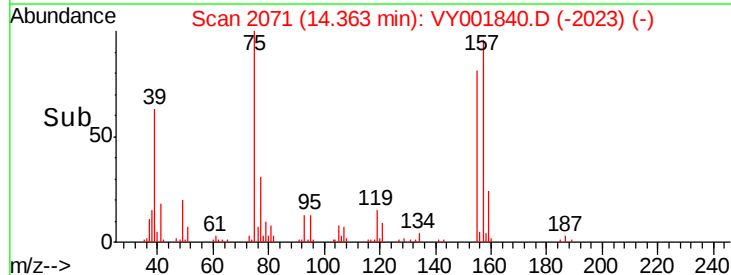
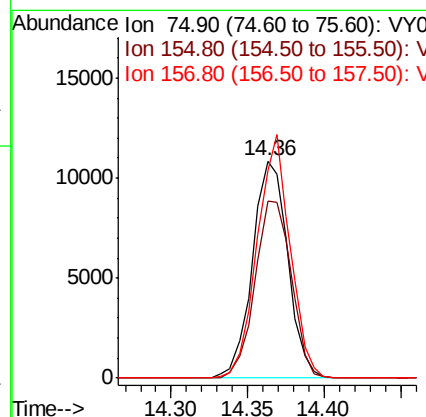
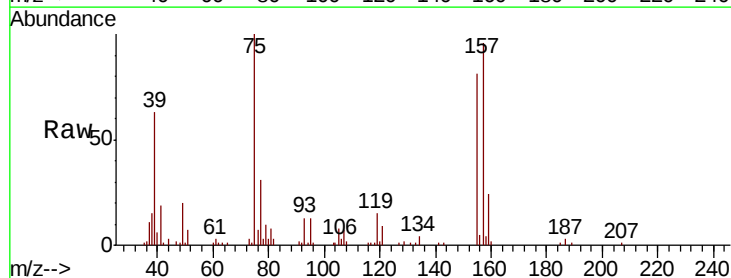
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

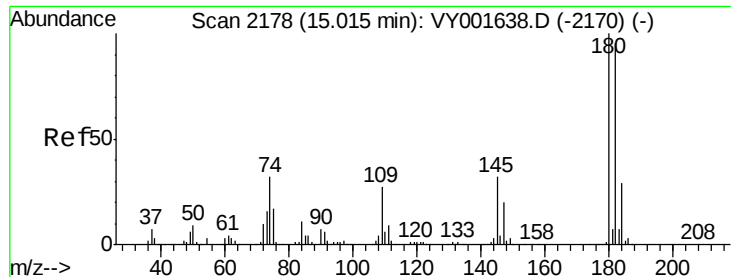
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.9	65.7
148	64.4	31.5	94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.598 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	40.8	122.4
157	104.2	52.1	156.4

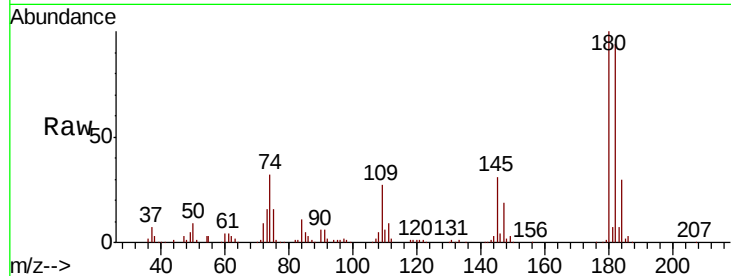




#93
 1,2,4-Trichlorobenzene
 Concen: 49.817 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.8	140.3
145	32.3	16.2	48.5

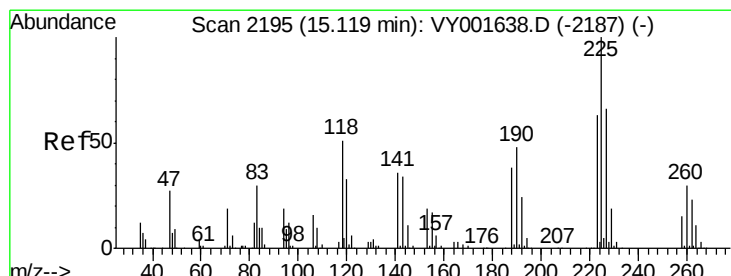
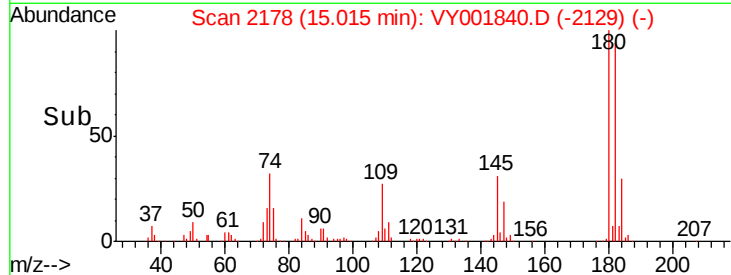
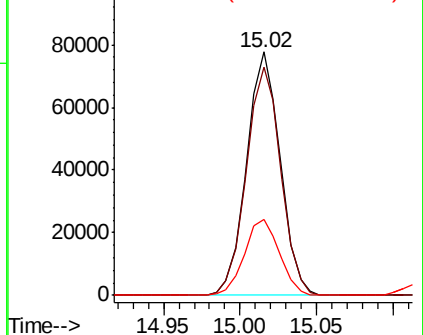


Abundance

Ion 179.80 (179.50 to 180.50): V

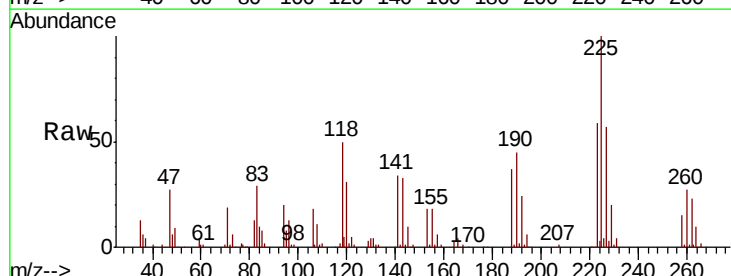
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.074 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001840.D
 Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.4	94.0
227	62.7	31.6	94.8

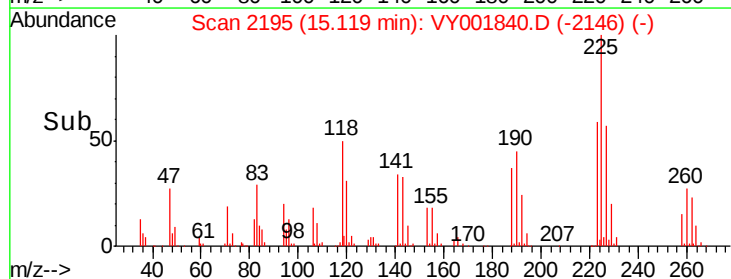
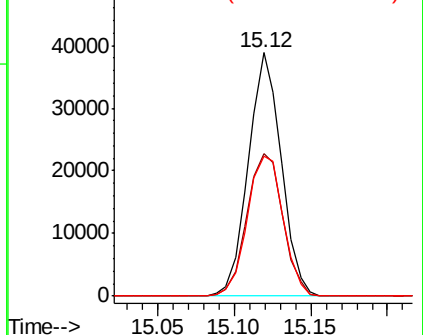


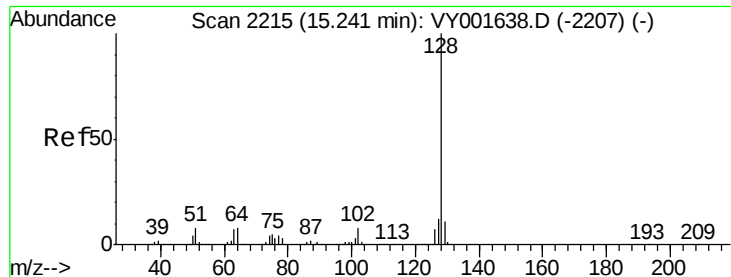
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

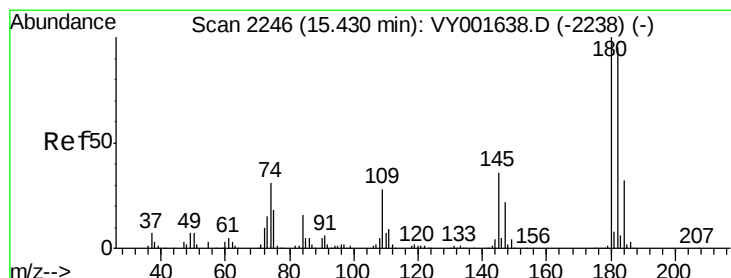
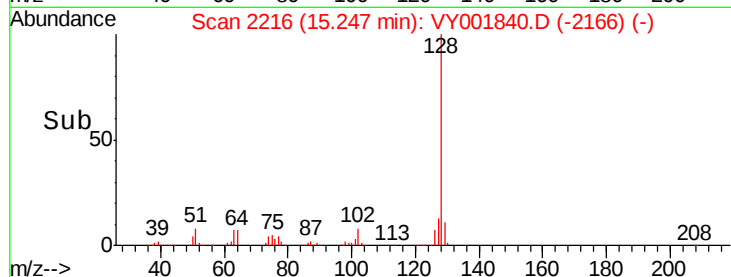
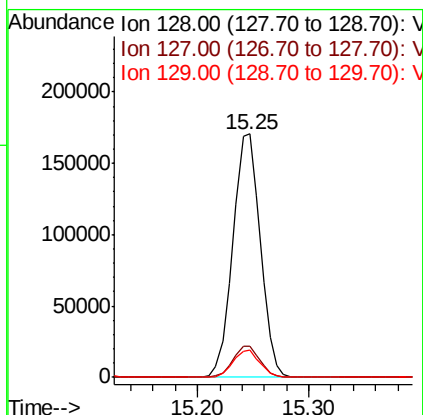
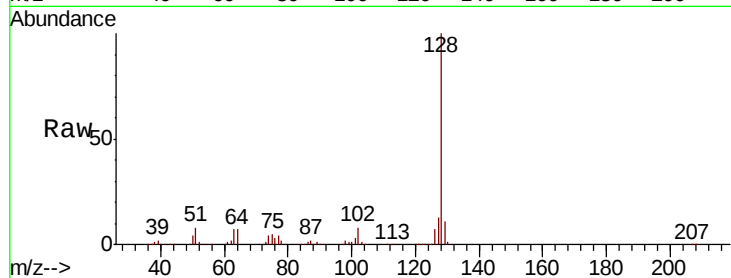




#95
Naphthalene
Concen: 52.929 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.954 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001840.D
Acq: 03 Mar 2020 17:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	34.1	17.3	52.0

