

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002323.D
 Acq On : 14 Apr 2020 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 15 05:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	142487	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	266713	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	238701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	104735	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77363	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.74	113	81977	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.19	98	334840	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.49	95	107342	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	73355	50.939	ug/l	96
3) Chloromethane	2.13	50	94350	52.058	ug/l	98
4) Vinyl Chloride	2.26	62	98698	51.163	ug/l	99
5) Bromomethane	2.66	94	65591	55.060	ug/l	99
6) Chloroethane	2.81	64	59221	53.231	ug/l	100
7) Trichlorofluoromethane	3.15	101	127756	51.281	ug/l	100
8) Diethyl Ether	3.55	74	60264	56.901	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.92	101	89321	52.781	ug/l	98
10) Methyl Iodide	4.11	142	104291	53.018	ug/l	98
11) Tert butyl alcohol	4.99	59	46128	276.877	ug/l	99
12) 1,1-Dichloroethene	3.90	96	92764	53.917	ug/l	95
13) Acrolein	3.76	56	46154	225.904	ug/l	100
14) Allyl chloride	4.51	41	143651	51.705	ug/l	97
15) Acrylonitrile	5.20	53	146529	270.547	ug/l	99
16) Acetone	3.97	43	92443	221.503	ug/l	96
17) Carbon Disulfide	4.22	76	302795	52.993	ug/l	99
18) Methyl Acetate	4.51	43	68184	52.671	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	250552	55.394	ug/l	95
20) Methylene Chloride	4.75	84	111640	54.424	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	104433	54.078	ug/l	94
22) Diisopropyl ether	6.15	45	301246	53.879	ug/l	96
23) Vinyl Acetate	6.10	43	945564	265.381	ug/l	98
24) 1,1-Dichloroethane	6.05	63	175522	55.192	ug/l	99
25) 2-Butanone	7.02	43	163251	247.174	ug/l	96
26) 2,2-Dichloropropane	7.01	77	127664	47.989	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	117975	56.042	ug/l	95
28) Bromochloromethane	7.36	49	66843	48.690	ug/l	96
29) Tetrahydrofuran	7.38	42	110949	254.129	ug/l	95
30) Chloroform	7.54	83	166166	55.429	ug/l	98
31) Cyclohexane	7.81	56	165904	49.698	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	133344	53.440	ug/l	99
36) 1,1-Dichloropropene	7.94	75	134514	51.203	ug/l	99
37) Ethyl Acetate	7.10	43	74186	49.431	ug/l	98
38) Carbon Tetrachloride	7.93	117	112224	49.941	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002323.D
 Acq On : 14 Apr 2020 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 15 05:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.20	83	182167	50.975	ug/l	94
40) Benzene	8.18	78	425353	53.366	ug/l	100
41) Methacrylonitrile	7.36	41	97431	110.049	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	99555	50.422	ug/l	98
43) Isopropyl Acetate	8.30	43	135945	49.667	ug/l	97
44) Trichloroethene	8.96	130	122099	52.104	ug/l	94
45) 1,2-Dichloropropane	9.23	63	105814	53.505	ug/l	99
46) Dibromomethane	9.32	93	56257	54.406	ug/l	99
47) Bromodichloromethane	9.51	83	128178	54.024	ug/l	98
48) Methyl methacrylate	9.31	41	59498	48.478	ug/l	92
49) 1,4-Dioxane	9.32	88	16061	1098.048	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	364189	255.344	ug/l	98
52) Toluene	10.25	92	257405	53.587	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	136948	52.977	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	165009	53.094	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	82920	54.774	ug/l	98
56) Ethyl methacrylate	10.52	69	116420	53.882	ug/l	93
57) 1,3-Dichloropropane	10.80	76	141499	53.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	282808	252.758	ug/l	100
59) 2-Hexanone	10.84	43	239236	241.684	ug/l	96
60) Dibromochloromethane	10.99	129	88241	54.664	ug/l	99
61) 1,2-Dibromoethane	11.10	107	77638	53.870	ug/l	100
64) Tetrachloroethene	10.73	164	126669	52.487	ug/l	98
65) Chlorobenzene	11.52	112	264320	53.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	89065	54.367	ug/l	97
67) Ethyl Benzene	11.60	91	481827	53.043	ug/l	99
68) m/p-Xylenes	11.71	106	360901	106.078	ug/l	97
69) o-Xylene	12.03	106	170964	53.524	ug/l	97
70) Styrene	12.05	104	299101	53.973	ug/l	98
71) Bromoform	12.21	173	48899	54.888	ug/l #	98
73) Isopropylbenzene	12.33	105	447141	54.343	ug/l	99
74) N-amyl acetate	12.15	43	117110	50.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	57669	57.930	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	118991	97.838	ug/l #	100
77) Bromobenzene	12.61	156	98340	54.324	ug/l	98
78) n-propylbenzene	12.67	91	537966	52.570	ug/l	98
79) 2-Chlorotoluene	12.76	91	296932	53.393	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	363045	53.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32072	51.290	ug/l	96
82) 4-Chlorotoluene	12.86	91	303409	52.053	ug/l	98
83) tert-Butylbenzene	13.08	119	308076	54.049	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	360845	53.103	ug/l	99
85) sec-Butylbenzene	13.25	105	445909	52.515	ug/l	100
86) p-Isopropyltoluene	13.38	119	382434	52.331	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	188262	53.662	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	186001	52.230	ug/l	100
89) n-Butylbenzene	13.70	91	378933	50.586	ug/l	99
90) Hexachloroethane	13.97	117	73768	52.972	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	171967	53.944	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11751	48.807	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002323.D
Acq On : 14 Apr 2020 20:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 15 05:38:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

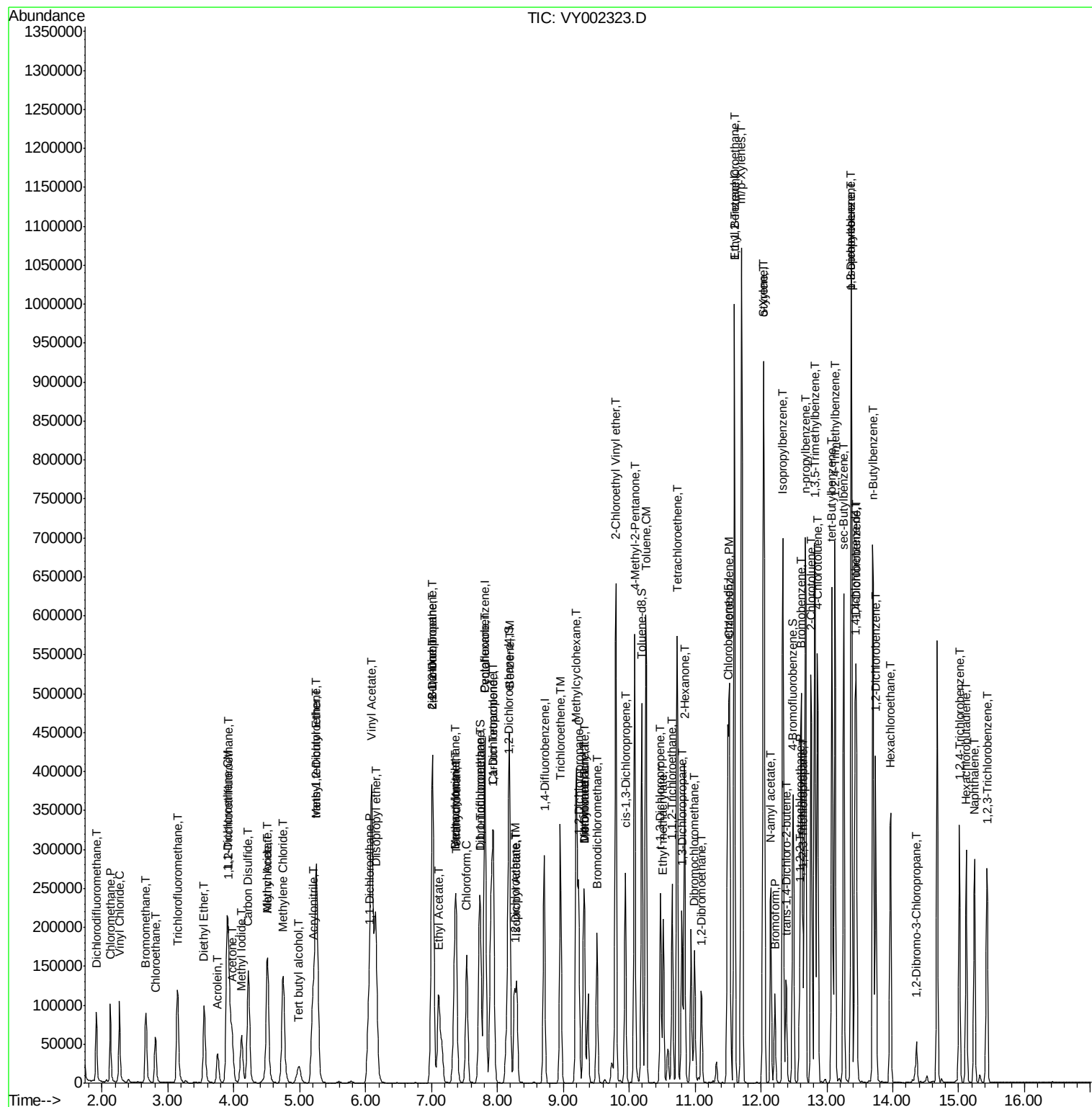
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100221	48.098	ug/l	99
94) Hexachlorobutadiene	15.12	225	51430	49.005	ug/l	98
95) Naphthalene	15.24	128	231759	50.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	87774	48.512	ug/l	99

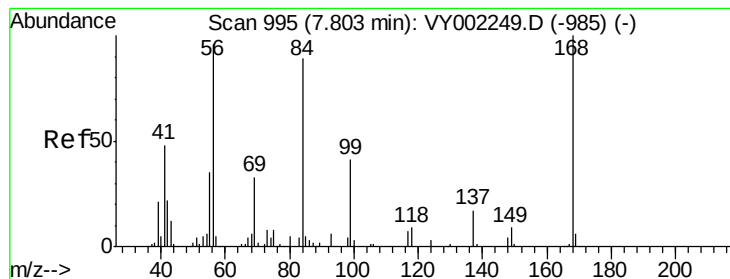
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002323.D
Acq On : 14 Apr 2020 20:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC

Quant Time: Apr 15 05:38:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

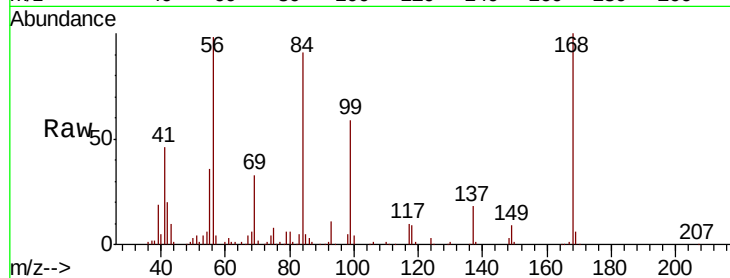
VSTDCCC050EC

Tot Ion:168 Resp: 142487

Ion Ratio Lower Upper

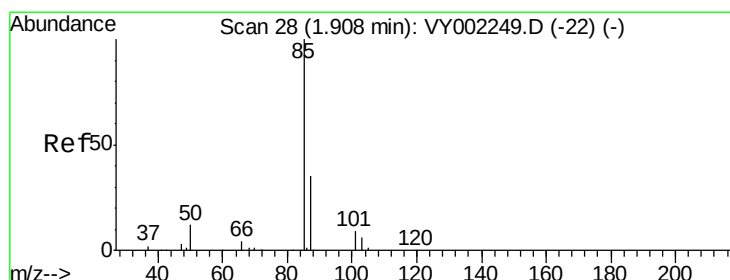
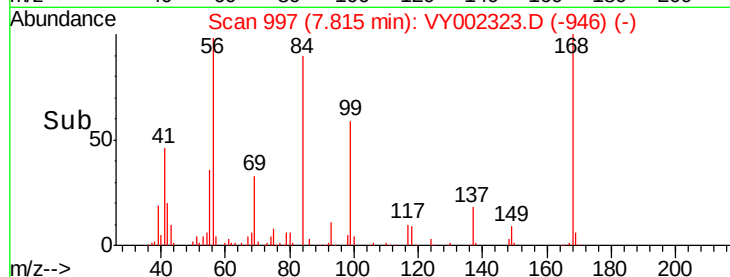
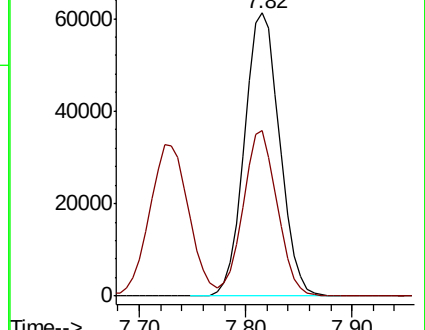
168 100

99 58.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 50.939 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002323.D

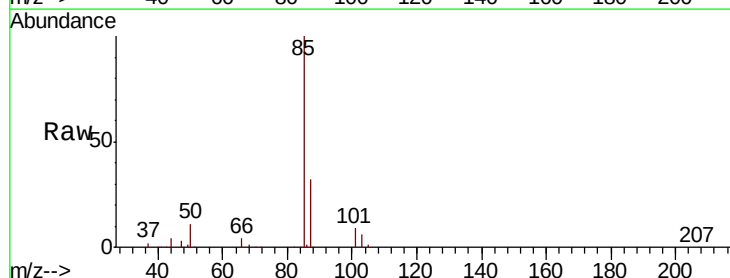
Acq: 14 Apr 2020 20:38

Tgt Ion: 85 Resp: 73355

Ion Ratio Lower Upper

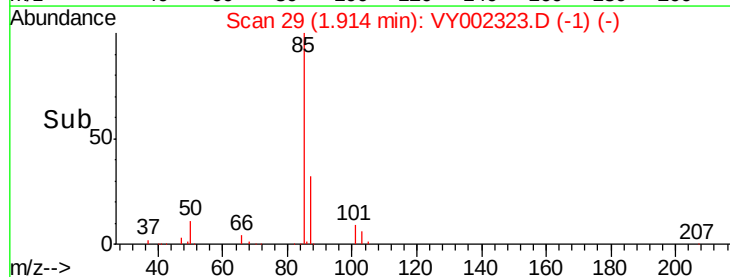
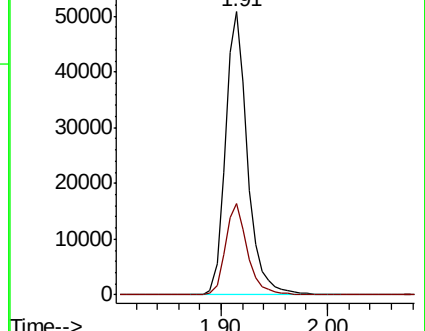
85 100

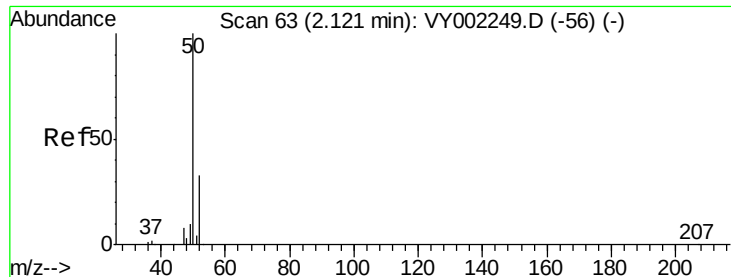
87 32.2 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 52.058 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

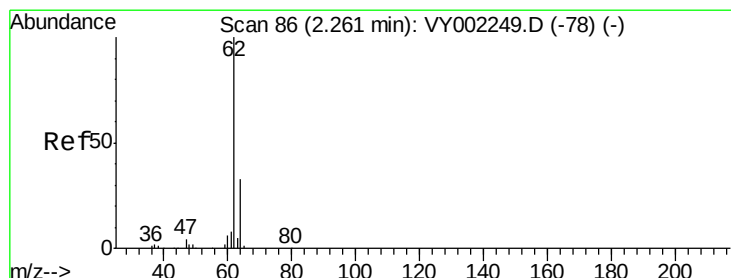
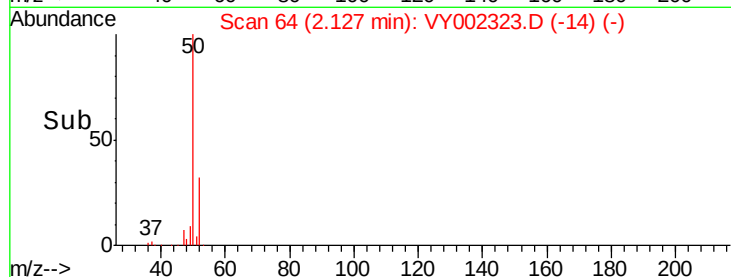
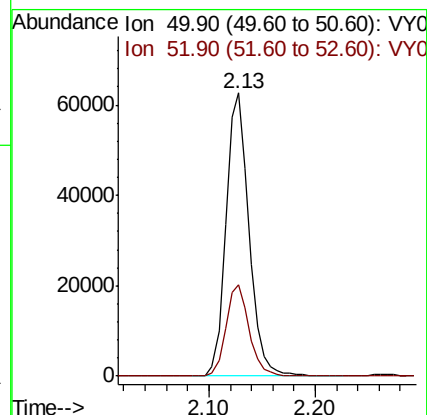
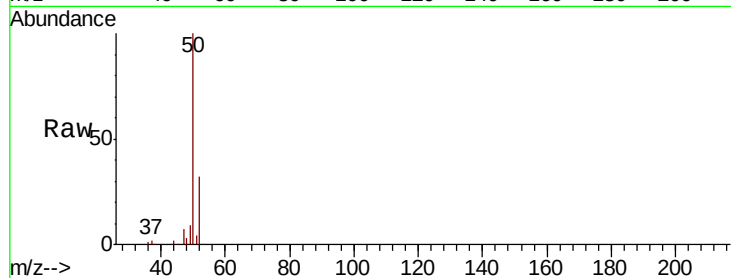
VSTDCCC050EC

Tot Ion: 50 Resp: 94350

Ion Ratio Lower Upper

50 100

52 32.1 26.6 39.8



#4

Vinyl Chloride

Concen: 51.163 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002323.D

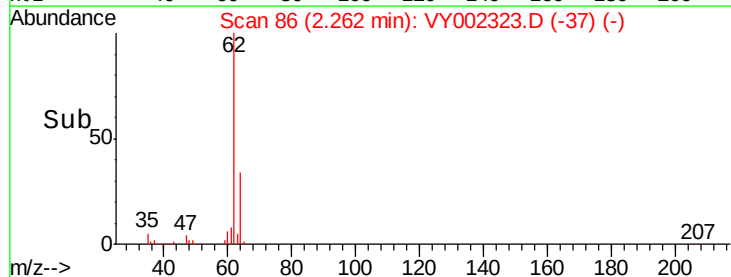
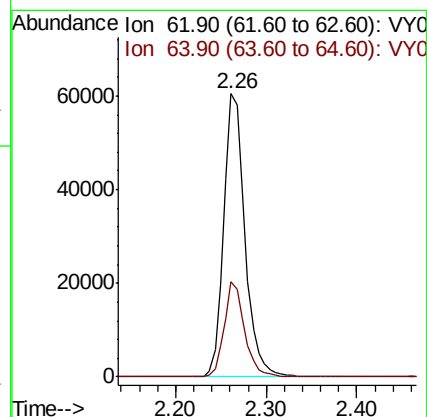
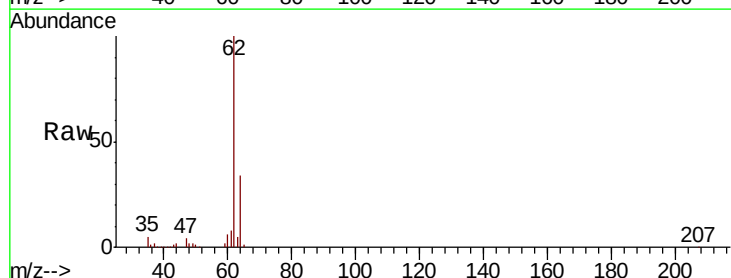
Acq: 14 Apr 2020 20:38

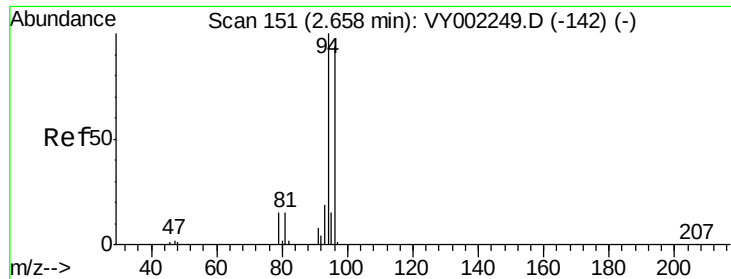
Tgt Ion: 62 Resp: 98698

Ion Ratio Lower Upper

62 100

64 33.5 26.2 39.2





#5

Bromomethane

Concen: 55.060 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

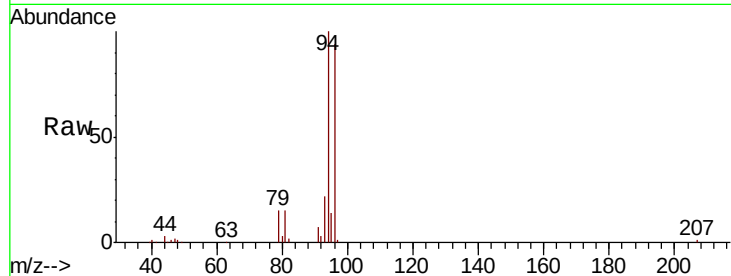
VSTDCCC050EC

Tot Ion: 94 Resp: 65591

Ion Ratio Lower Upper

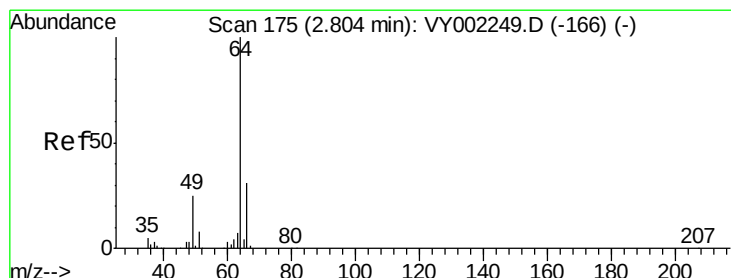
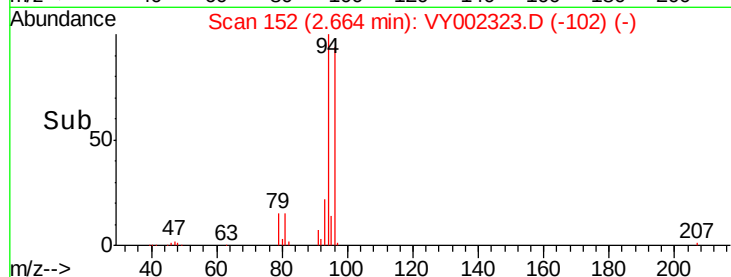
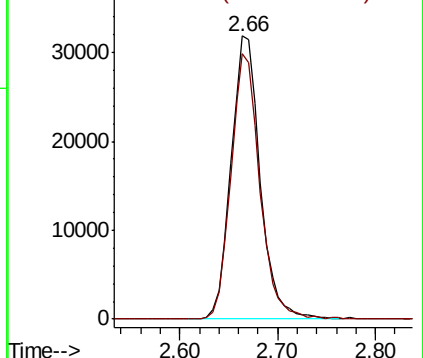
94 100

96 93.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.231 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002323.D

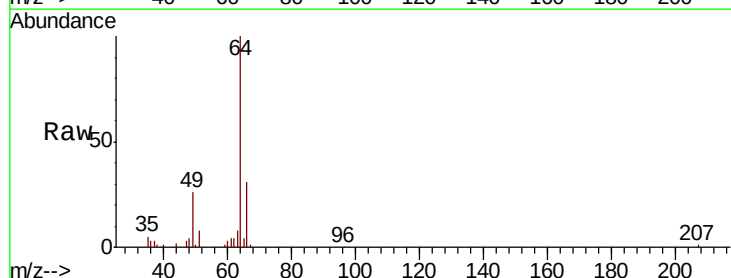
Acq: 14 Apr 2020 20:38

Tgt Ion: 64 Resp: 59221

Ion Ratio Lower Upper

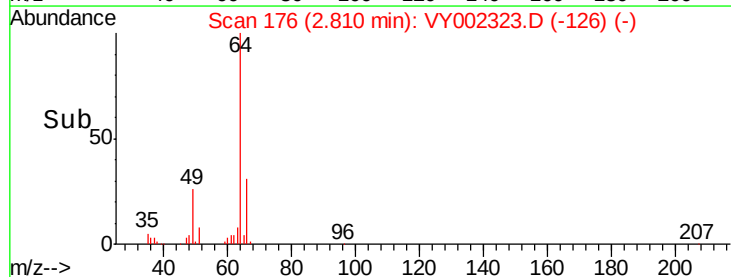
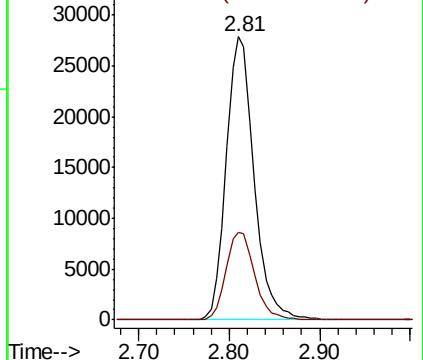
64 100

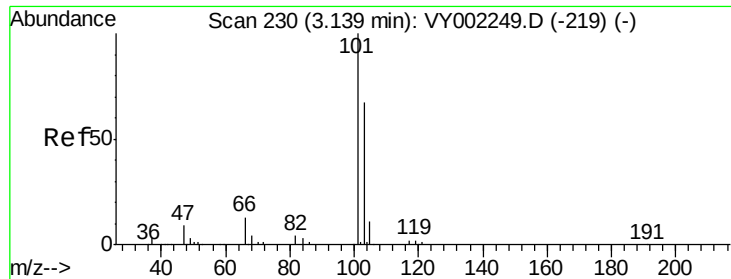
66 30.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



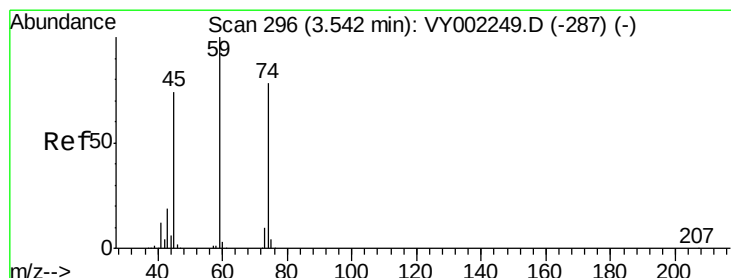
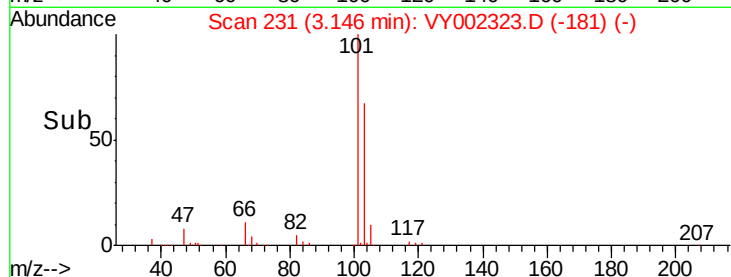
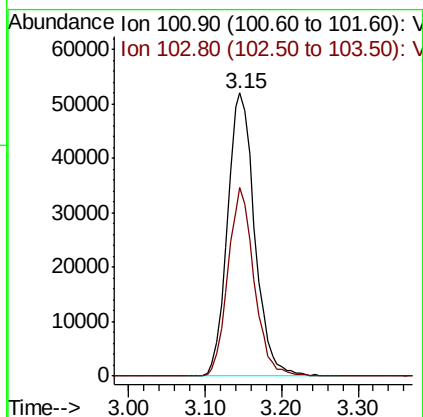
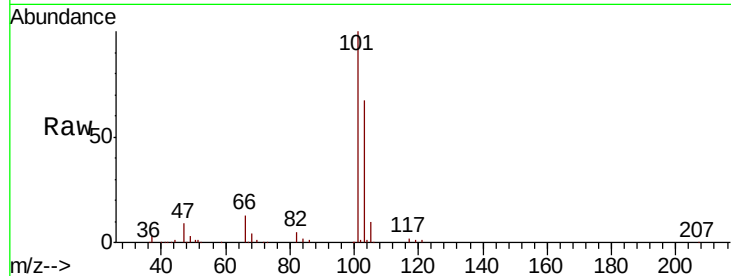


#7

Trichlorofluoromethane
 Concen: 51.281 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

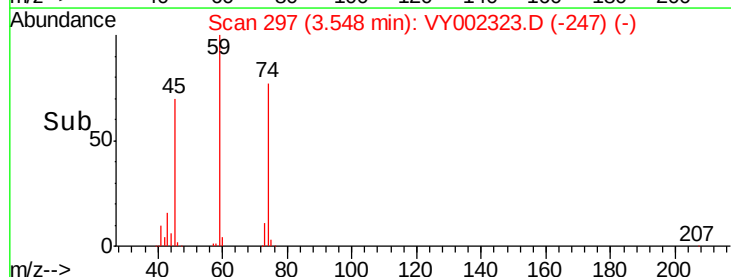
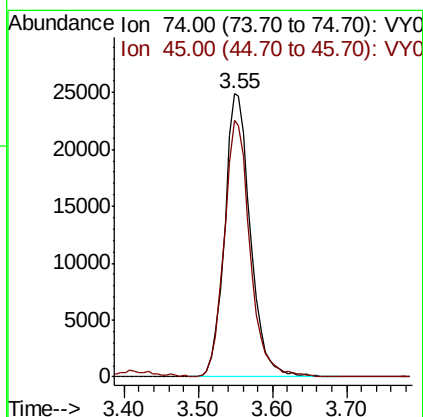
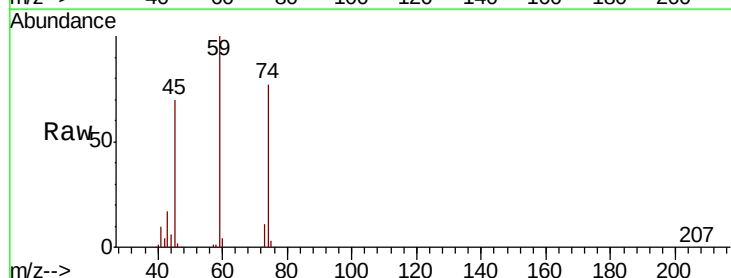
Tot Ion:101 Resp: 127756
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.3 79.9

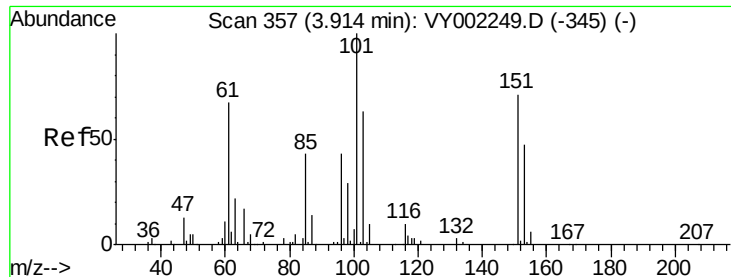


#8

Diethyl Ether
 Concen: 56.901 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 74 Resp: 60264
 Ion Ratio Lower Upper
 74 100
 45 90.9 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.781 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

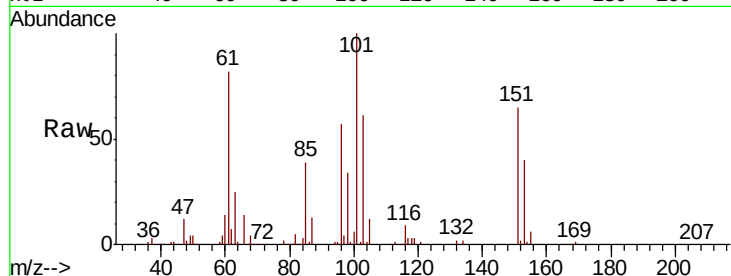
Tot Ion:101 Resp: 89321

Ion Ratio Lower Upper

101 100

85 42.1 34.6 52.0

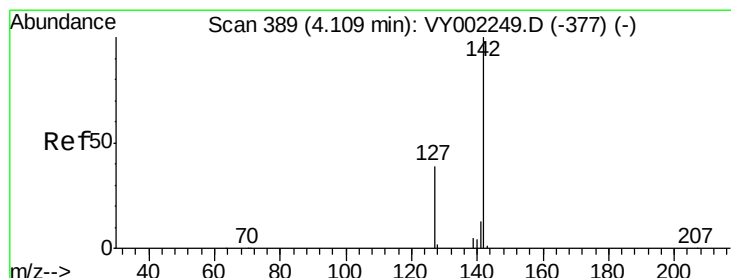
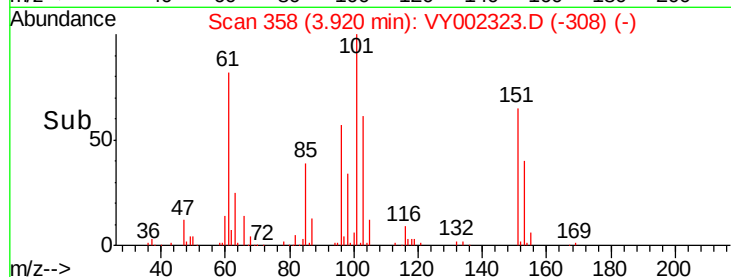
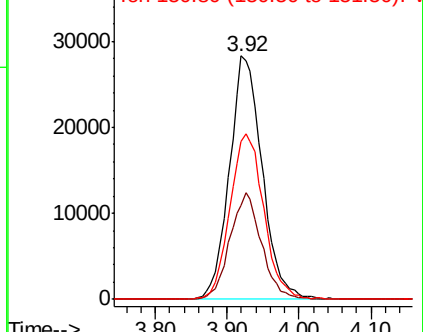
151 70.4 57.6 86.4



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: 53.018 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

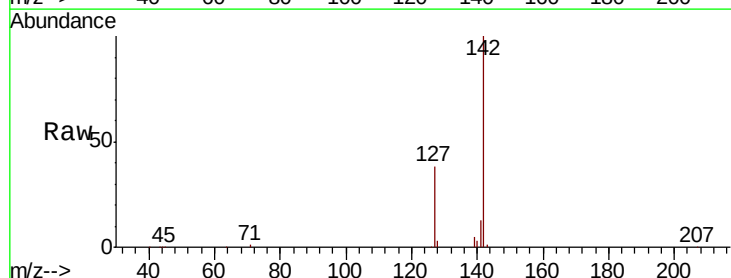
Tgt Ion:142 Resp: 104291

Ion Ratio Lower Upper

142 100

127 38.6 32.4 48.6

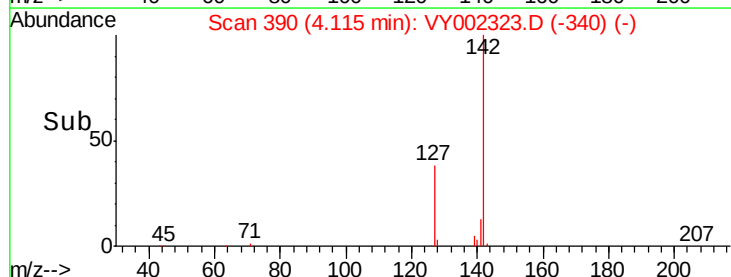
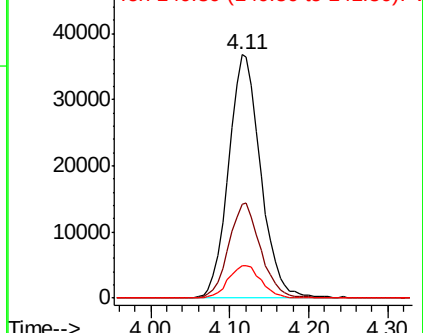
141 13.8 11.2 16.8

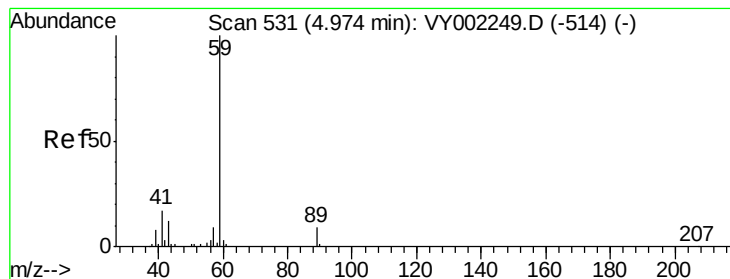


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



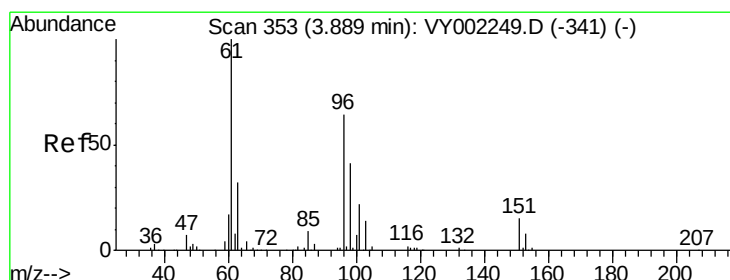
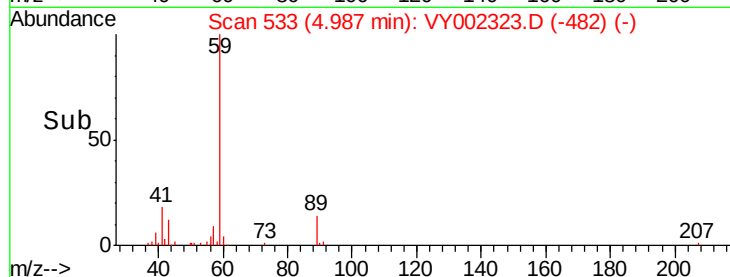
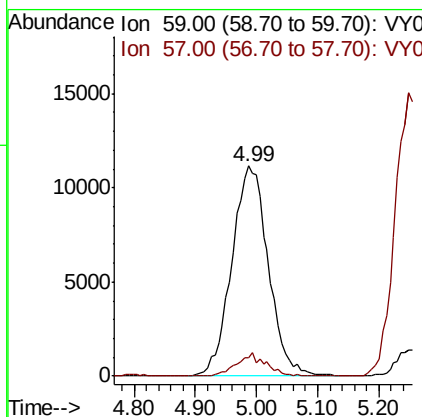
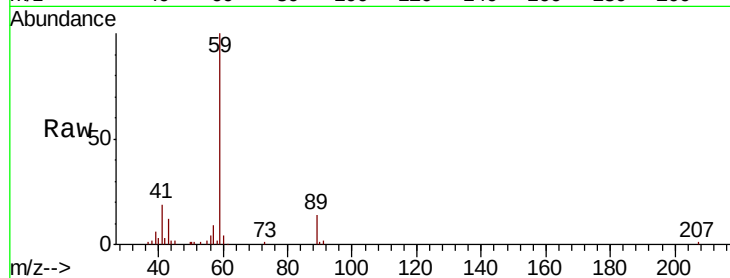


#11

Tert butyl alcohol
 Concen: 276.877 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

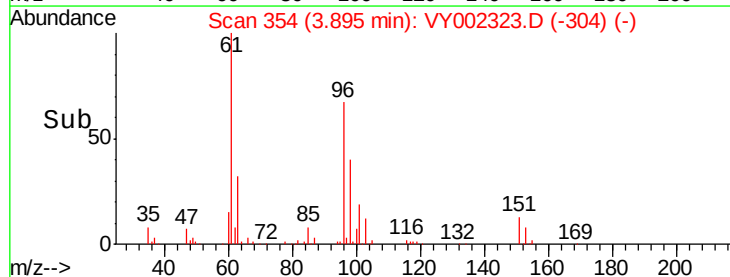
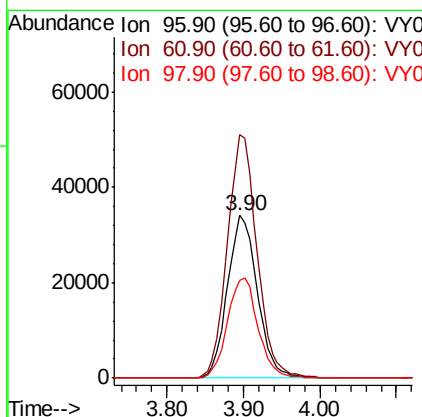
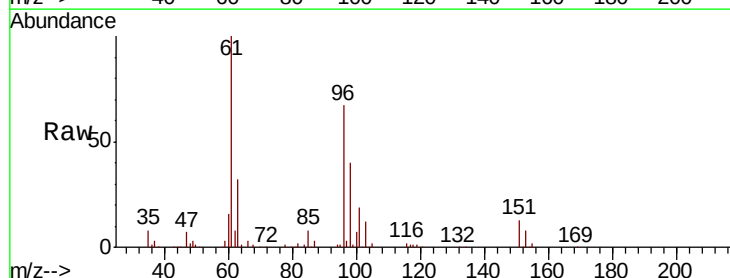
Tot Ion: 59 Resp: 46128
 Ion Ratio Lower Upper
 59 100
 57 8.6 6.6 9.8

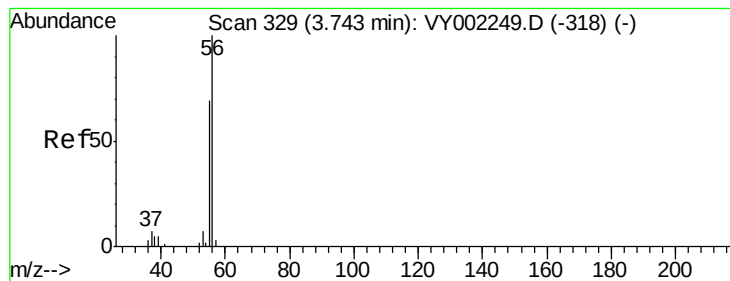


#12

1,1-Dichloroethene
 Concen: 53.917 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 96 Resp: 92764
 Ion Ratio Lower Upper
 96 100
 61 149.9 125.9 188.9
 98 60.4 51.1 76.7





#13

Acrolein

Concen: 225.904 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

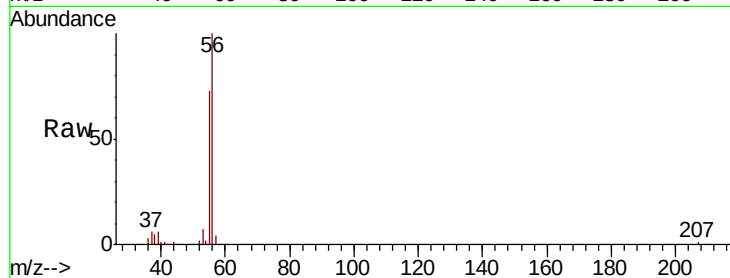
VSTDCCC050EC

Tot Ion: 56 Resp: 46154

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

20000

15000

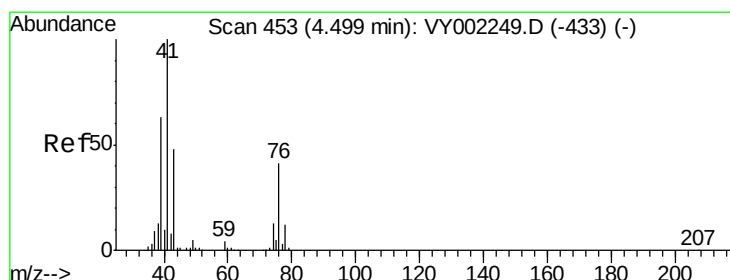
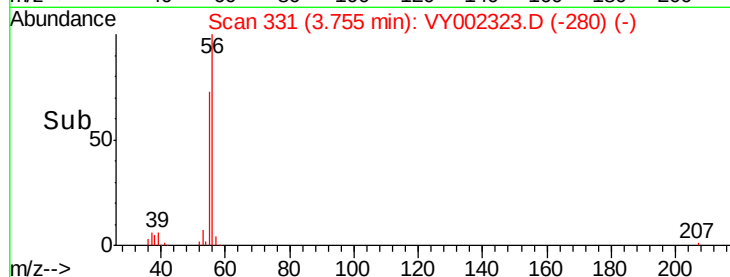
10000

5000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 51.705 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

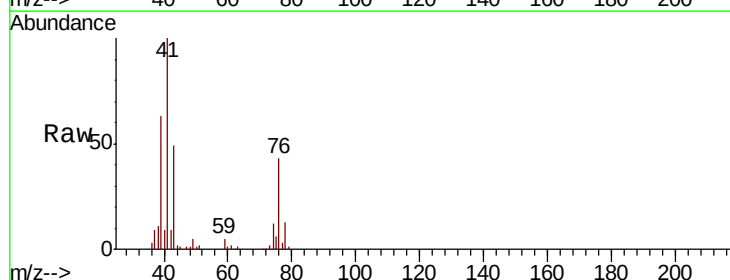
Tgt Ion: 41 Resp: 143651

Ion Ratio Lower Upper

41 100

39 58.2 48.0 72.0

76 41.3 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.51

60000

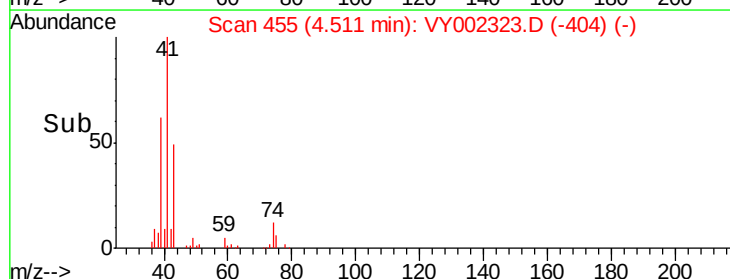
40000

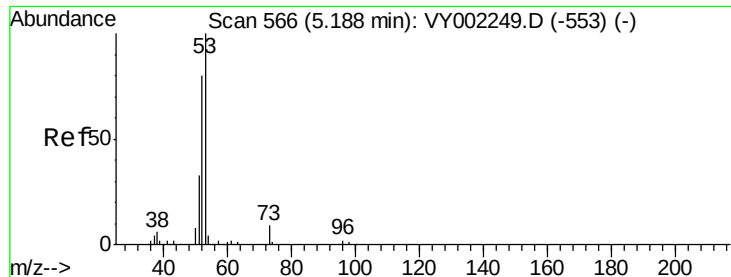
20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 270.547 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

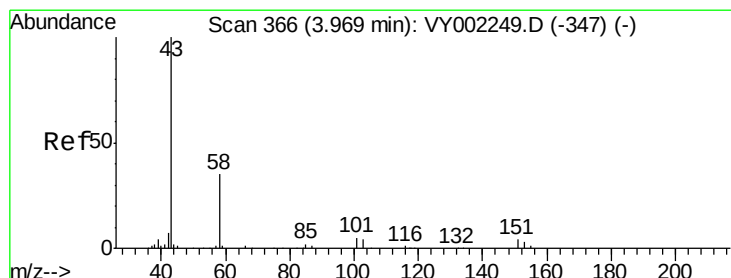
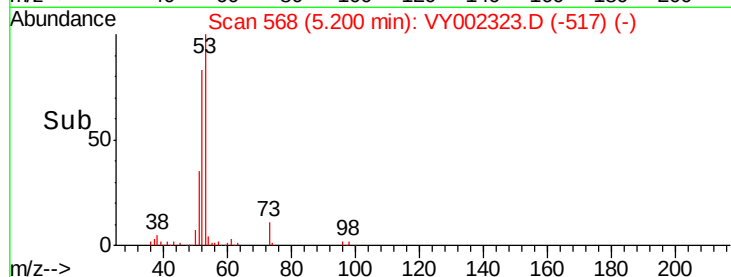
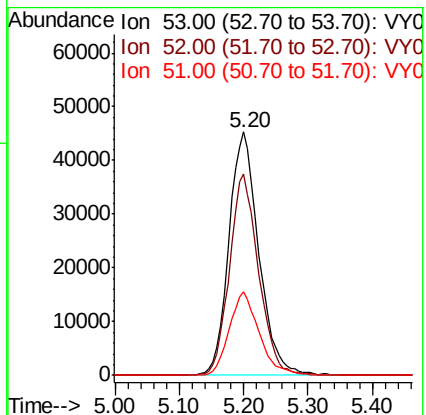
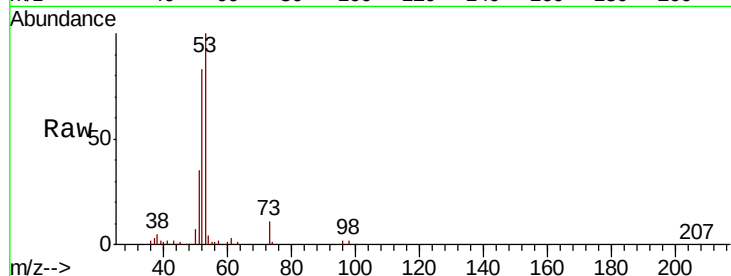
Tot Ion: 53 Resp: 146529

Ion Ratio Lower Upper

53 100

52 80.4 65.1 97.7

51 34.5 27.1 40.7



#16

Acetone

Concen: 221.503 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002323.D

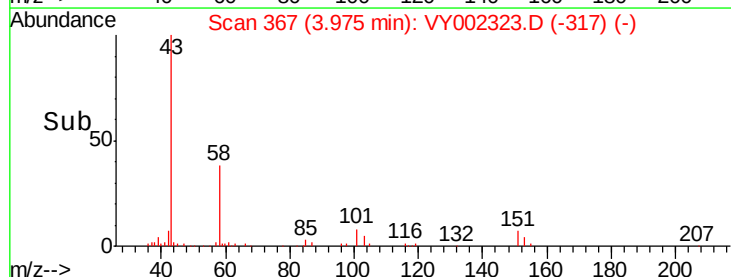
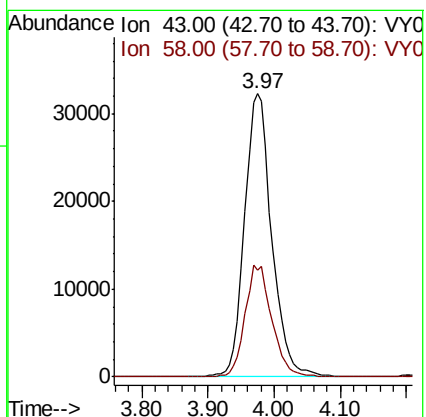
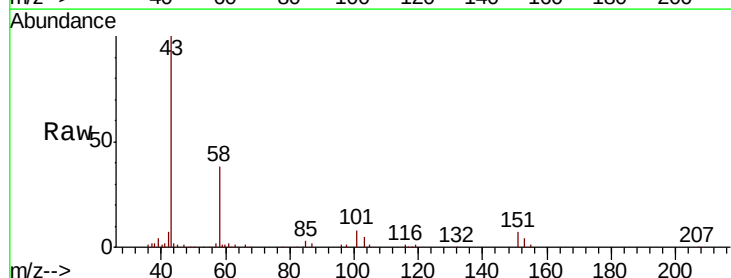
Acq: 14 Apr 2020 20:38

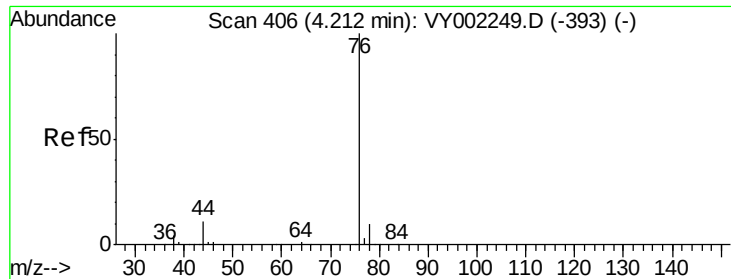
Tgt Ion: 43 Resp: 92443

Ion Ratio Lower Upper

43 100

58 37.8 28.5 42.7





#17

Carbon Disulfide

Concen: 52.993 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

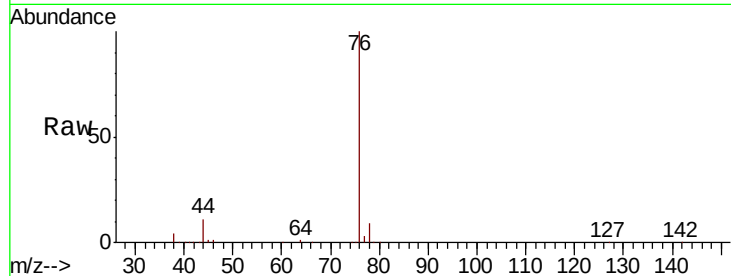
VSTDCCC050EC

Tot Ion: 76 Resp: 302795

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY002249.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002249.D (-393) (-)

4.22

120000

100000

80000

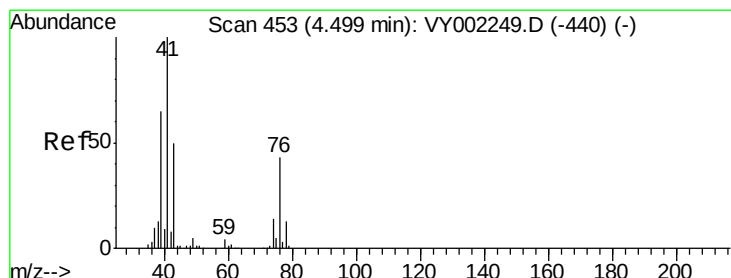
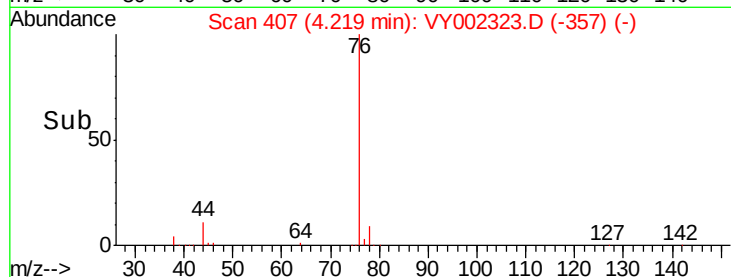
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 52.671 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002323.D

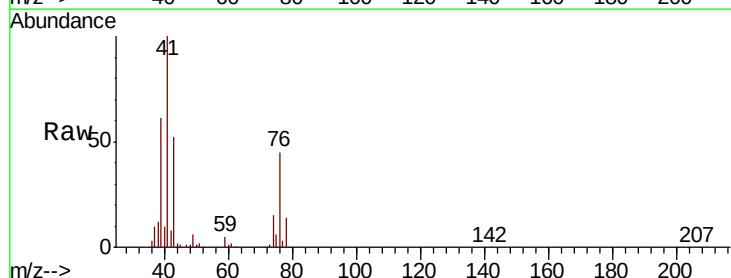
Acq: 14 Apr 2020 20:38

Tgt Ion: 43 Resp: 68184

Ion Ratio Lower Upper

43 100

74 26.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-440) (-)

Ion 74.00 (73.70 to 74.70): VY002249.D (-440) (-)

4.51

25000

20000

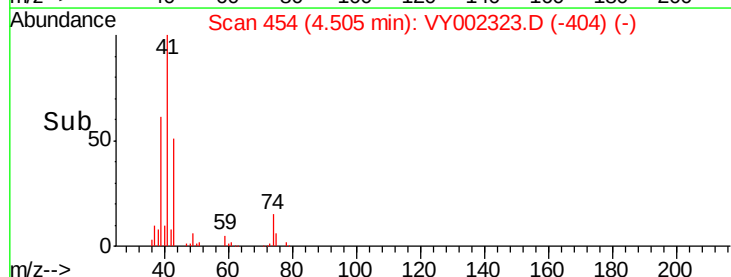
15000

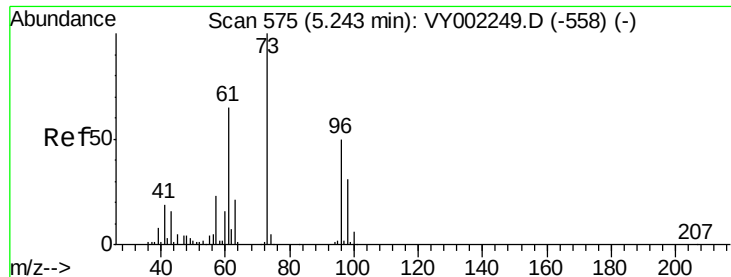
10000

5000

0

Time-->

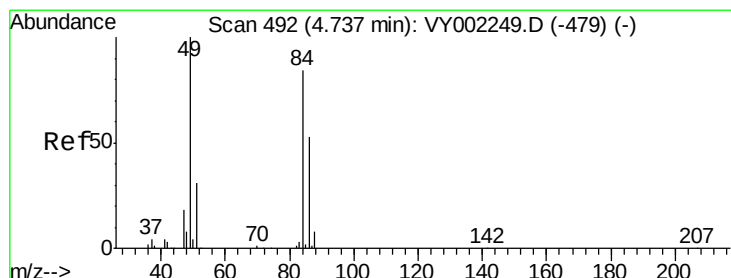
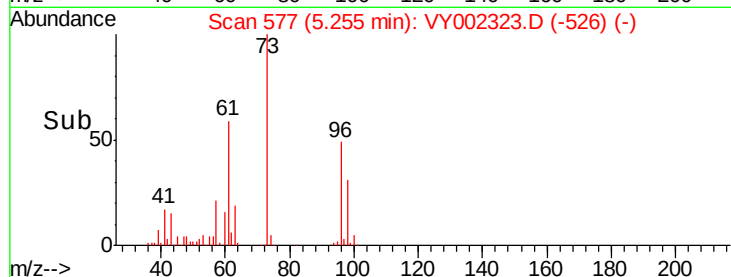
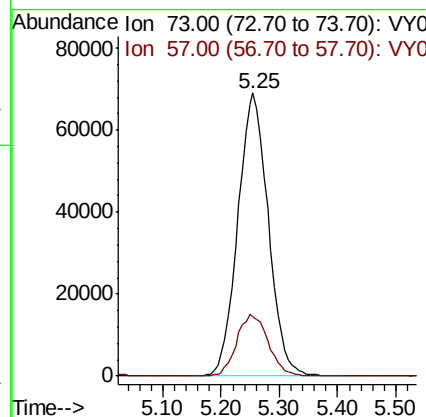
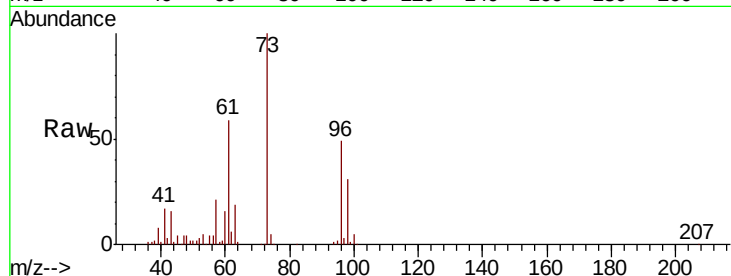




#19
Methyl tert-butyl Ether
Concen: 55.394 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

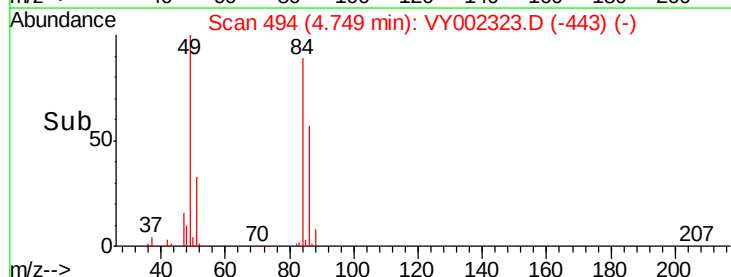
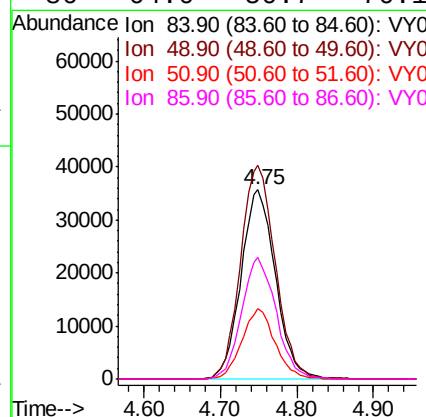
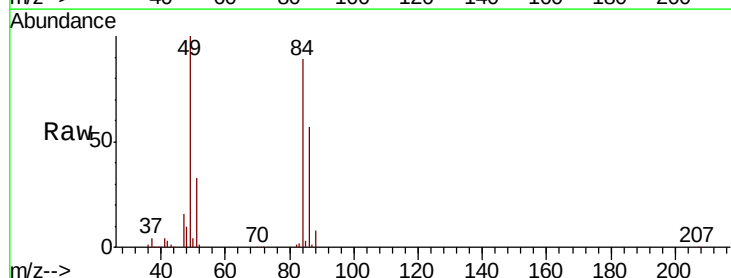
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

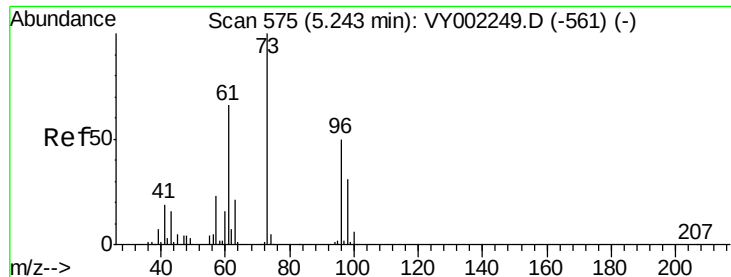
Tot Ion: 73 Resp: 250552
Ion Ratio Lower Upper
73 100
57 21.1 18.7 28.1



#20
Methylene Chloride
Concen: 54.424 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 84 Resp: 111640
Ion Ratio Lower Upper
84 100
49 112.9 95.5 143.3
51 37.3 29.5 44.3
86 64.0 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 54.078 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

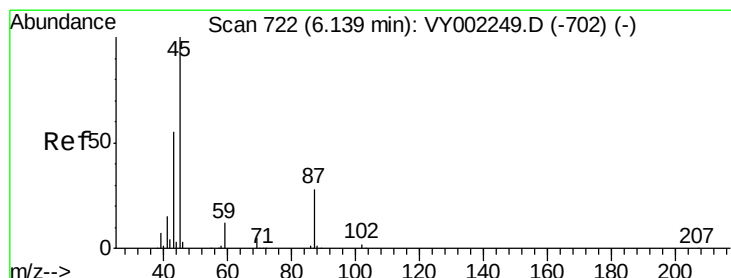
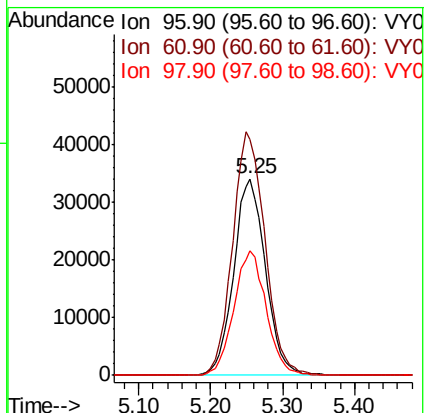
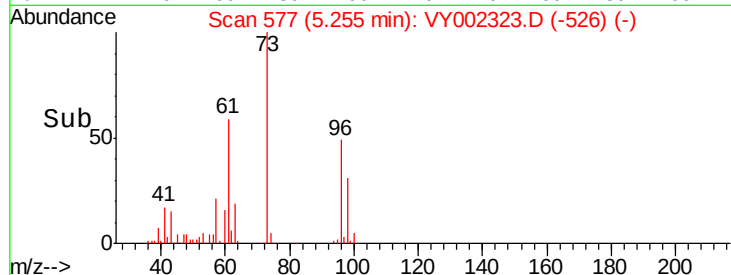
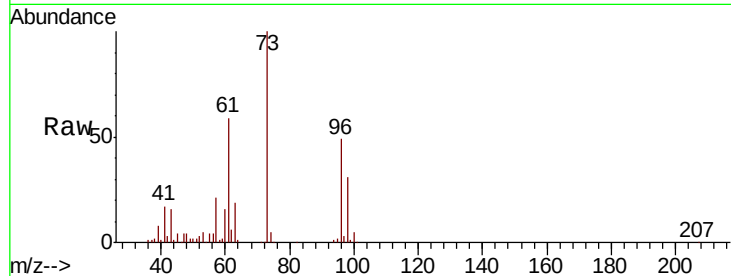
Tot Ion: 96 Resp: 104433

Ion Ratio Lower Upper

96 100

61 120.3 104.6 157.0

98 63.4 50.1 75.1



#22

Diisopropyl ether

Concen: 53.879 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Tgt Ion: 45 Resp: 301246

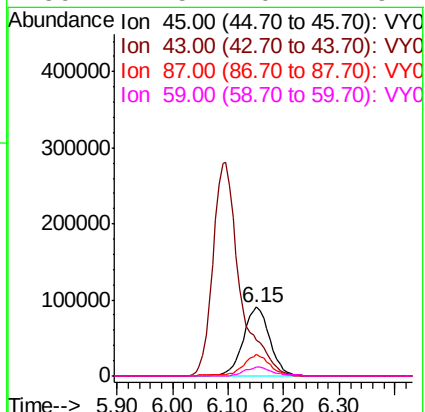
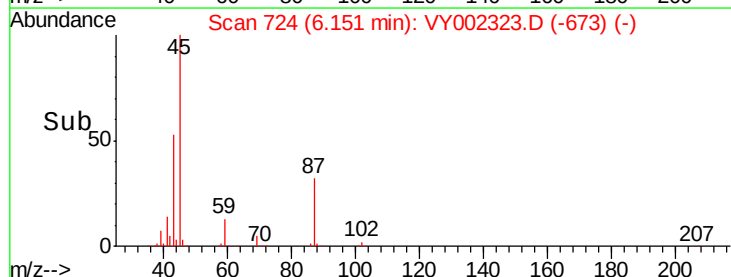
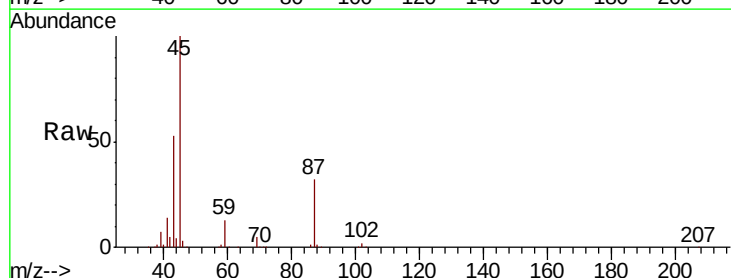
Ion Ratio Lower Upper

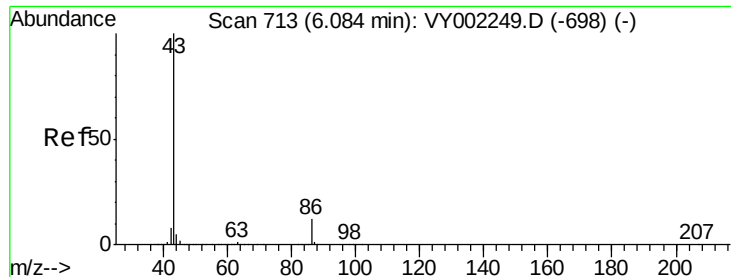
45 100

43 52.7 44.7 67.1

87 32.1 23.0 34.4

59 12.5 10.1 15.1





#23

Vinyl Acetate

Concen: 265.381 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

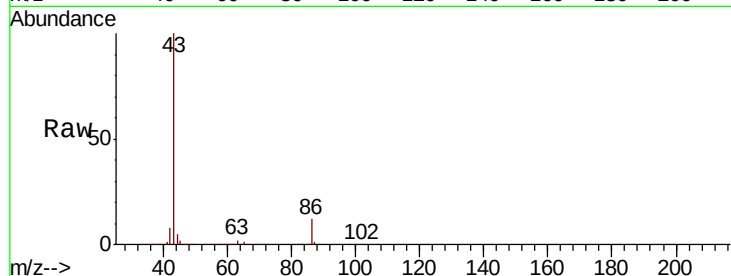
VSTDCCC050EC

Tot Ion: 43 Resp: 945564

Ion Ratio Lower Upper

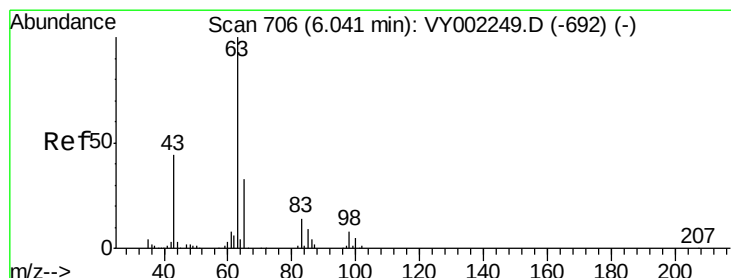
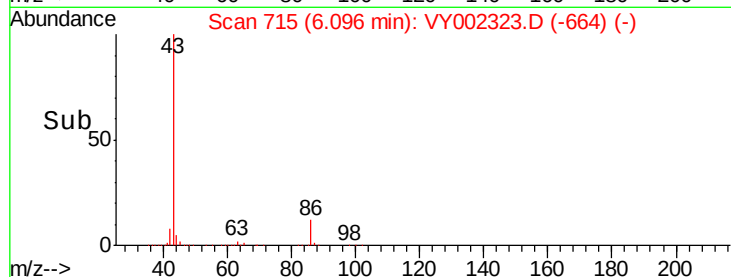
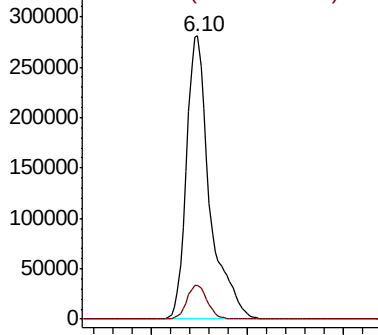
43 100

86 12.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.192 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

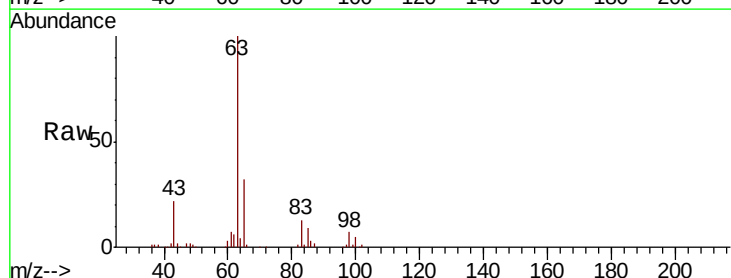
Tgt Ion: 63 Resp: 175522

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

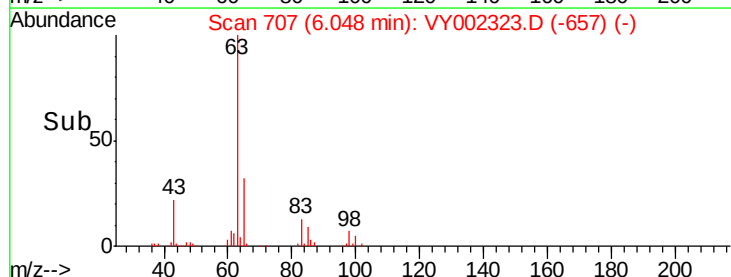
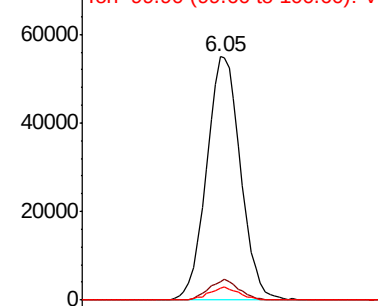
100 4.7 2.4 7.1

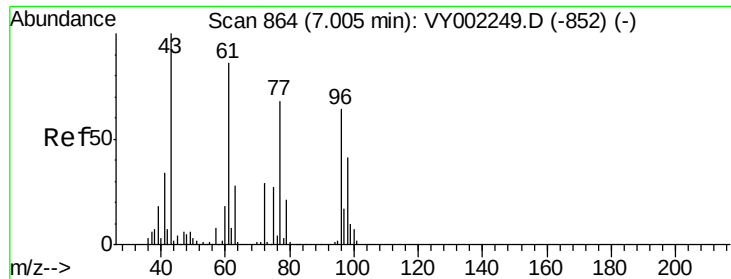


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 247.174 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

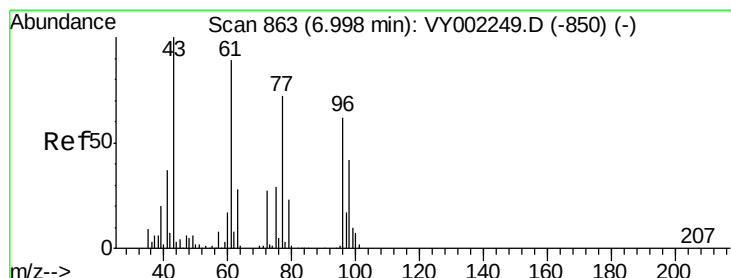
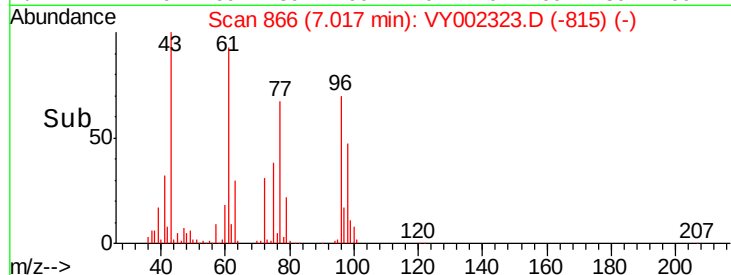
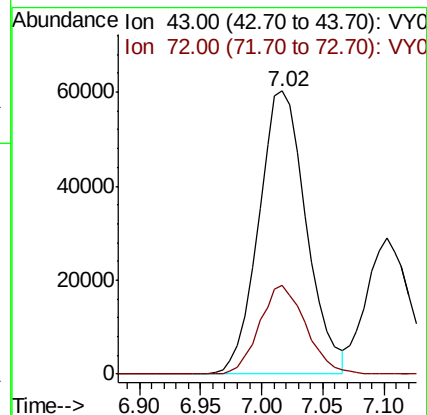
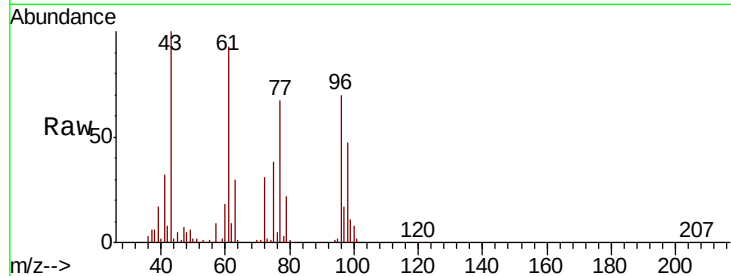
VSTDCCC050EC

Tot Ion: 43 Resp: 163251

Ion Ratio Lower Upper

43 100

72 31.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 47.989 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002323.D

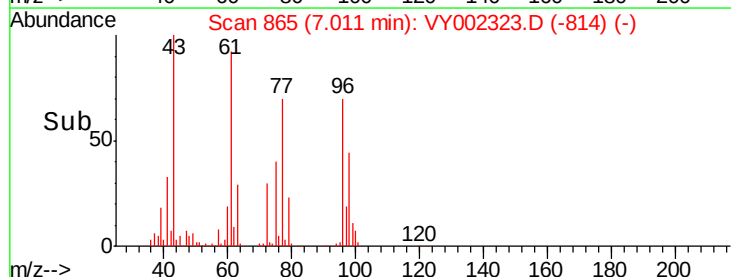
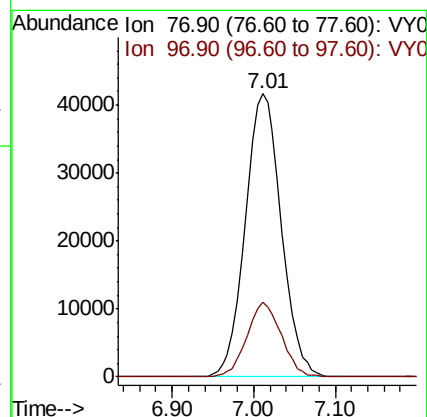
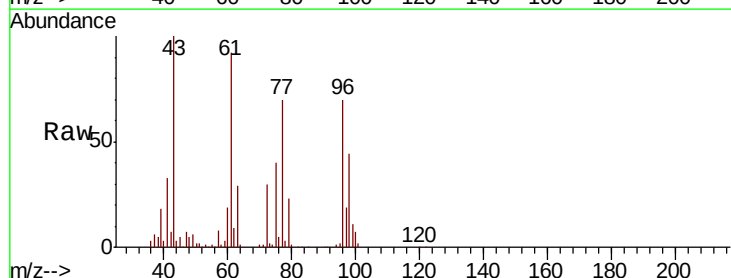
Acq: 14 Apr 2020 20:38

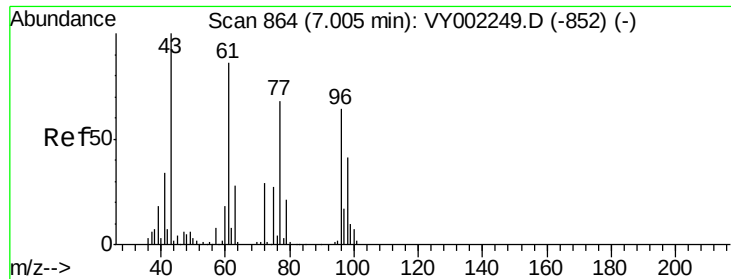
Tgt Ion: 77 Resp: 127664

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



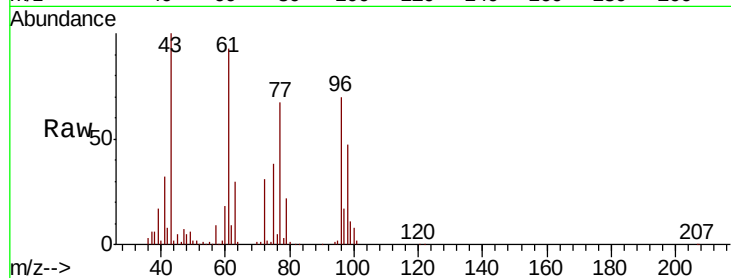


#27

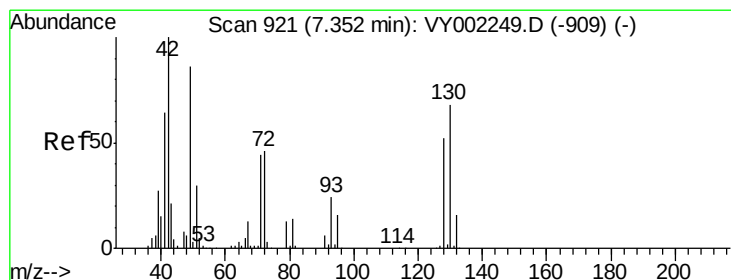
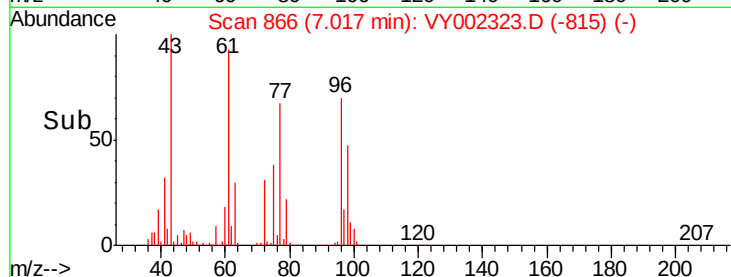
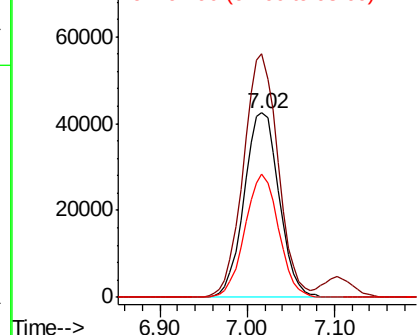
cis-1,2-Dichloroethene
 Concen: 56.042 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 117975
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 278.0
 98 64.5 0.0 128.6



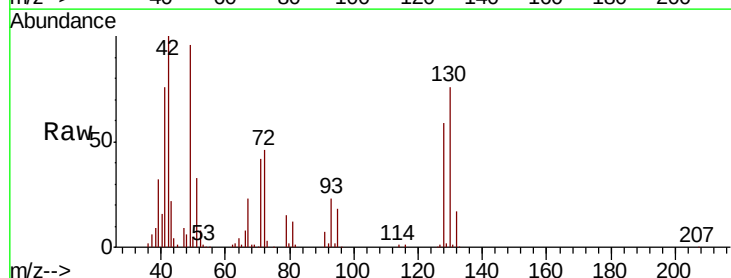
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



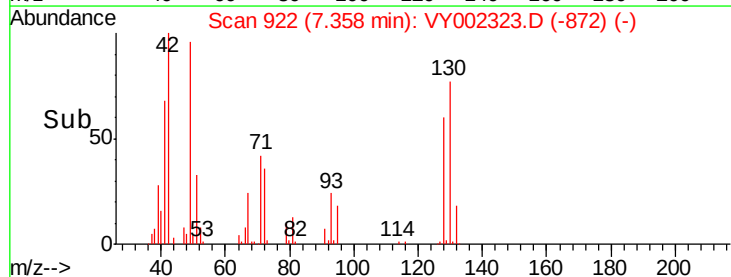
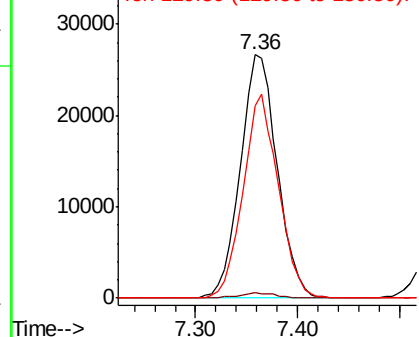
#28

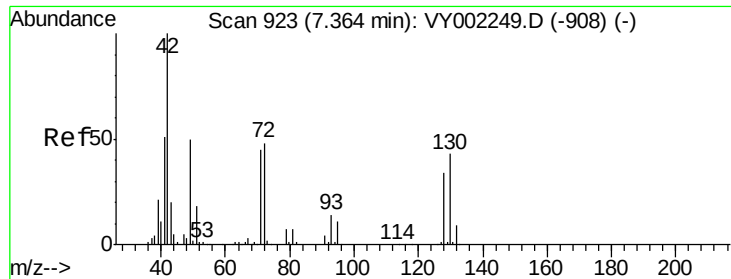
Bromochloromethane
 Concen: 48.690 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 49 Resp: 66843
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 80.0 60.9 91.3



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

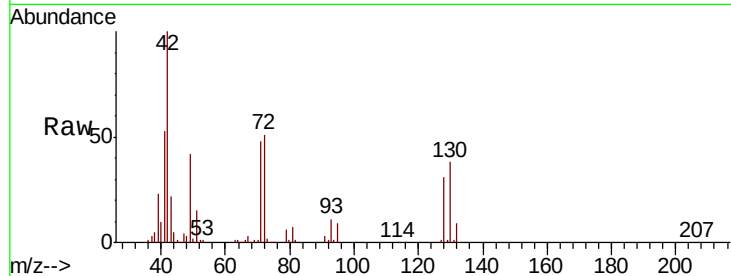




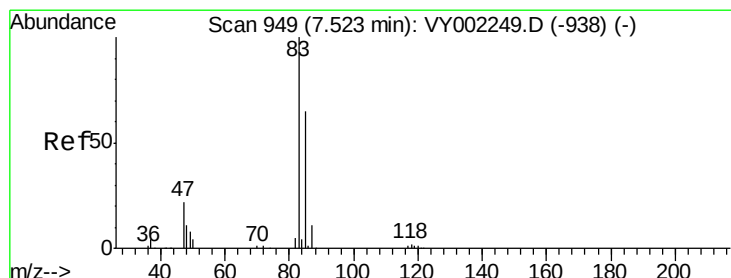
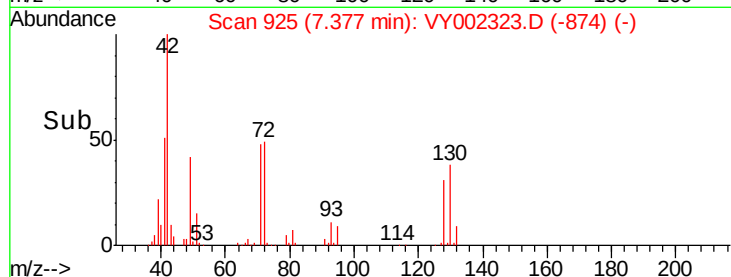
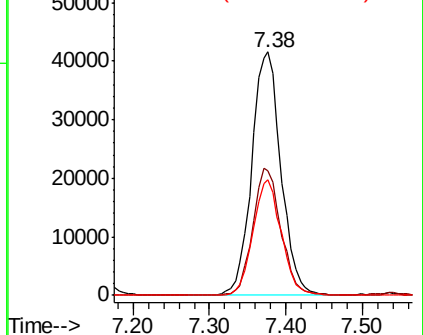
#29
Tetrahydrofuran
Concen: 254.129 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 110949
Ion Ratio Lower Upper
42 100
72 50.1 36.7 55.1
71 45.9 34.7 52.1

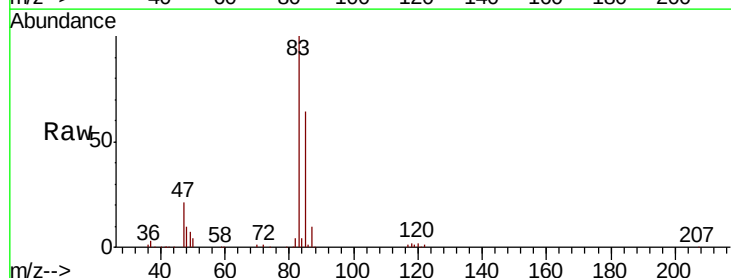


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

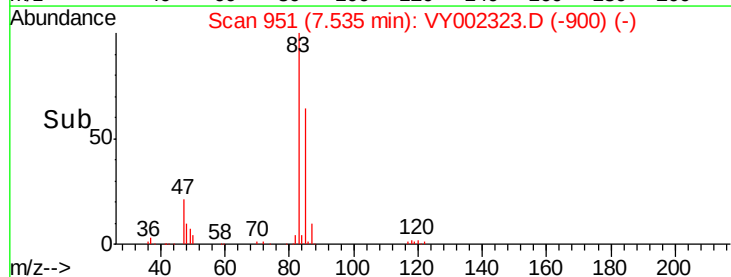
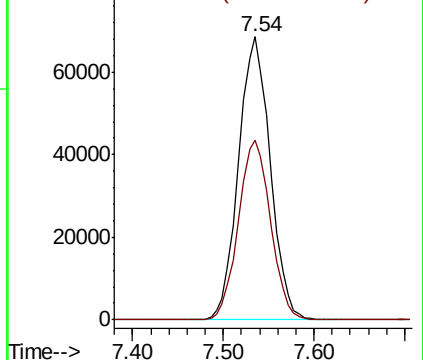


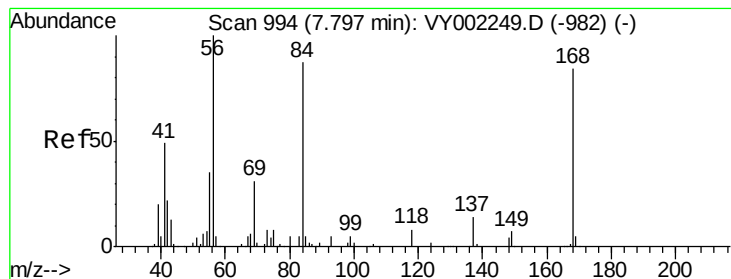
#30
Chloroform
Concen: 55.429 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 83 Resp: 166166
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0



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





#31

Cyclohexane

Concen: 49.698 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

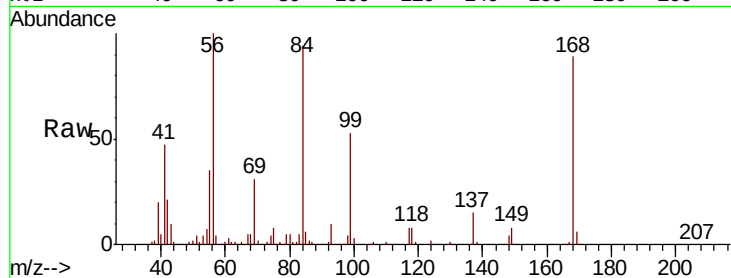
Tot Ion: 56 Resp: 165904

Ion Ratio Lower Upper

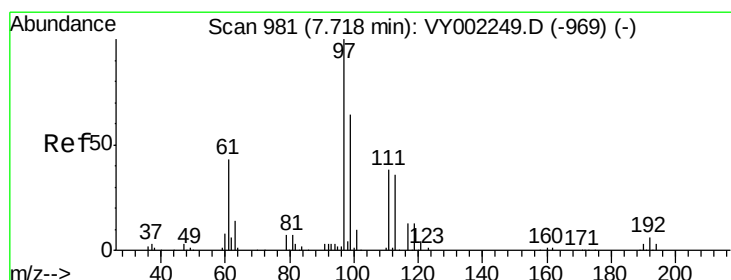
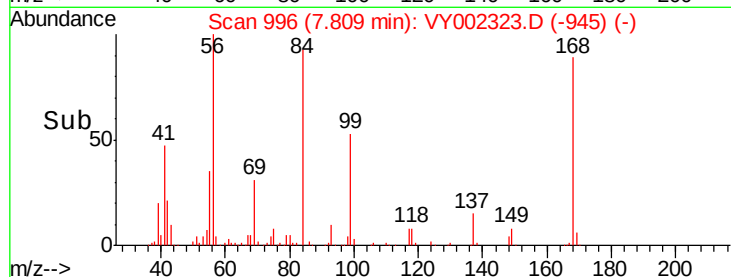
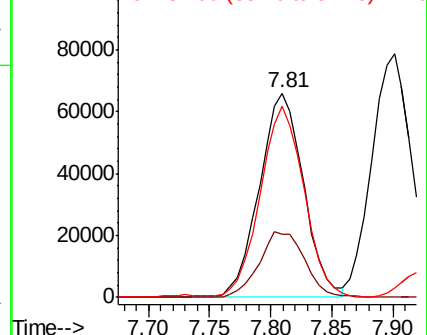
56 100

69 31.1 25.0 37.6

84 92.7 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 53.440 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

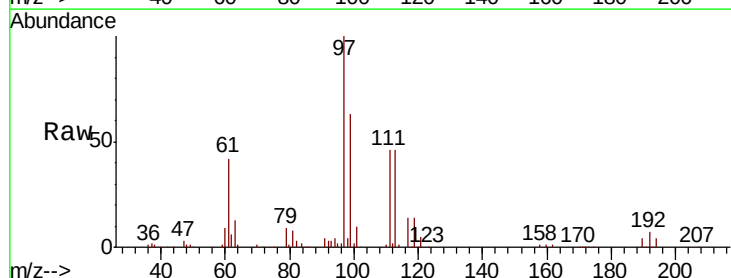
Tgt Ion: 97 Resp: 133344

Ion Ratio Lower Upper

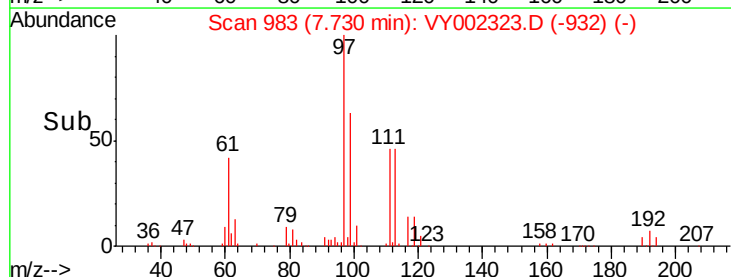
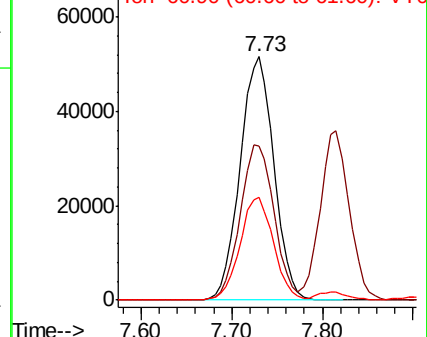
97 100

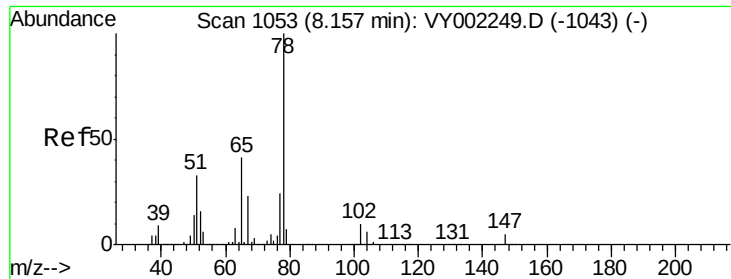
99 63.9 51.3 76.9

61 41.8 34.3 51.5



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

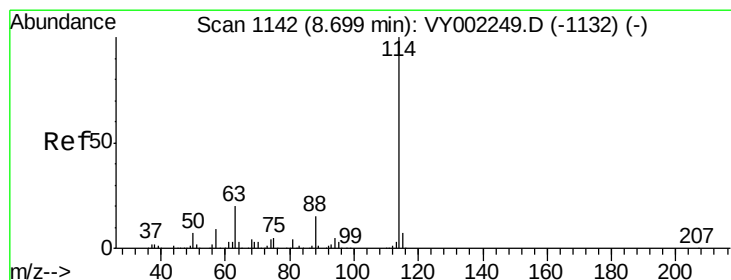
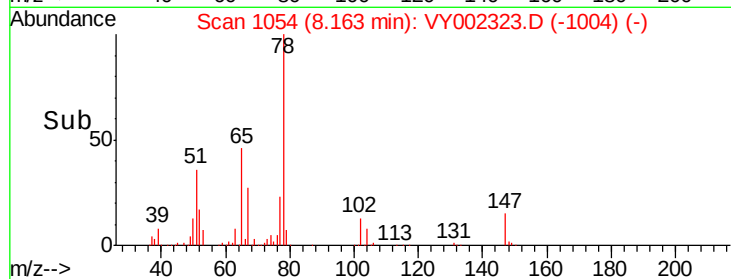
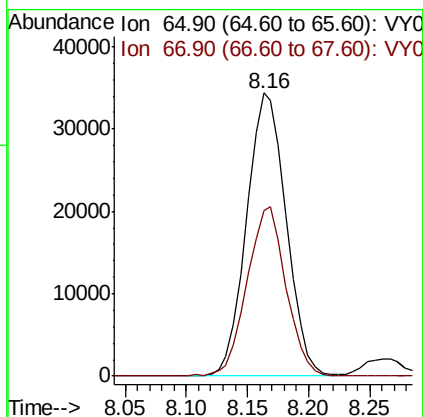
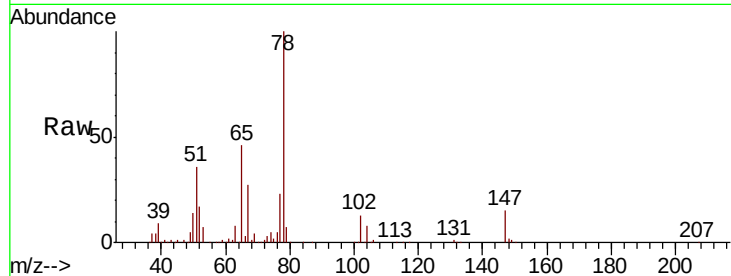




#33
 1,2-Dichloroethane-d4
 Concen: 48.823 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

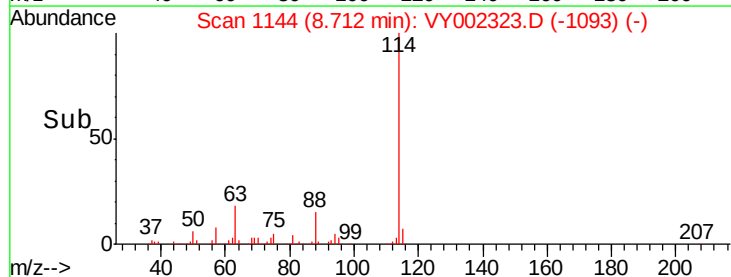
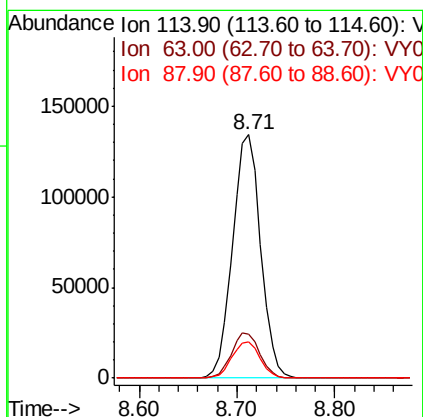
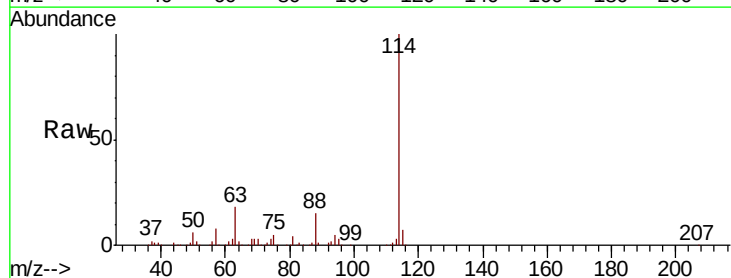
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

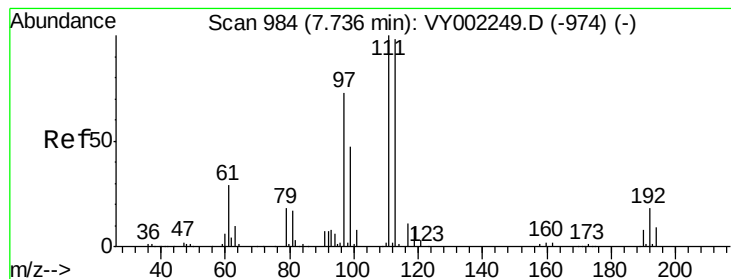
Tot Ion: 65 Resp: 77363
 Ion Ratio Lower Upper
 65 100
 67 58.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 114 Resp: 266713
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.0
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.654 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

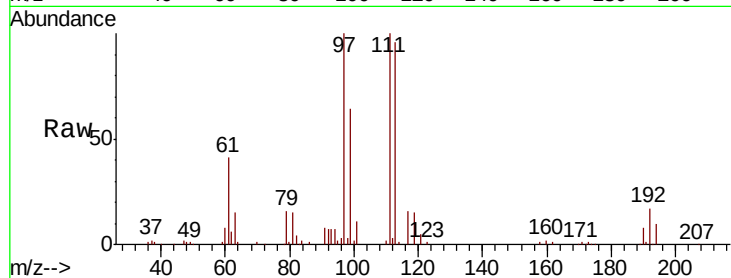
Tot Ion:113 Resp: 81977

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

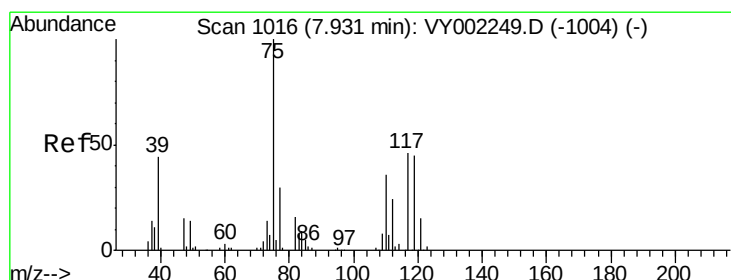
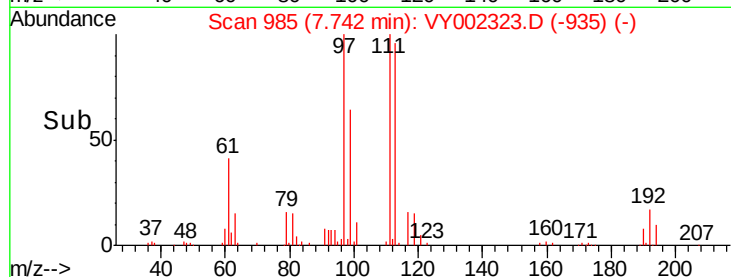
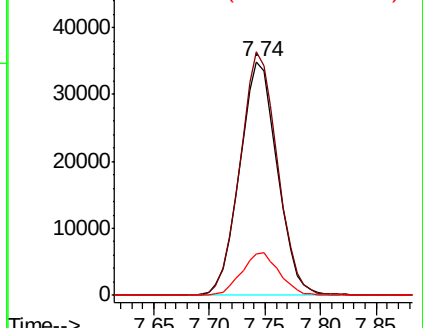
192 18.2 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.203 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

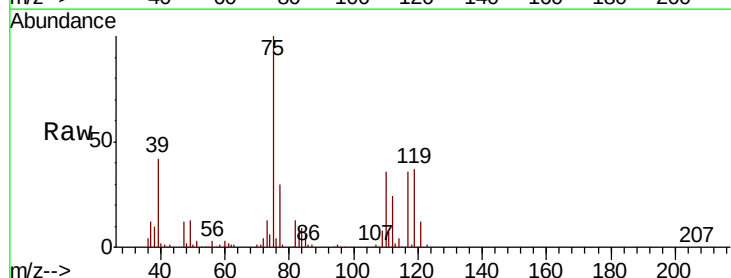
Tgt Ion: 75 Resp: 134514

Ion Ratio Lower Upper

75 100

110 36.7 17.8 53.3

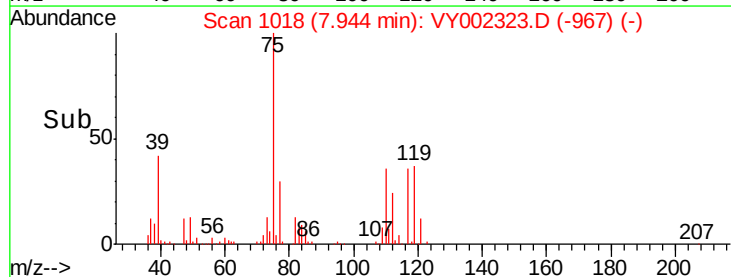
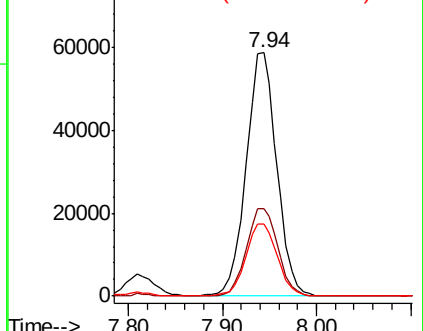
77 30.4 24.4 36.6

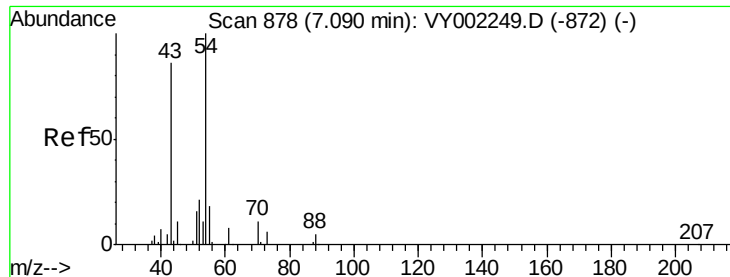


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

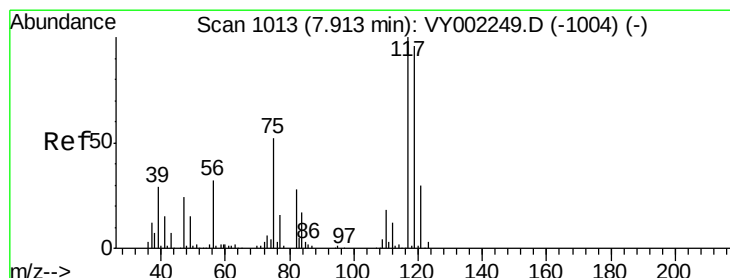
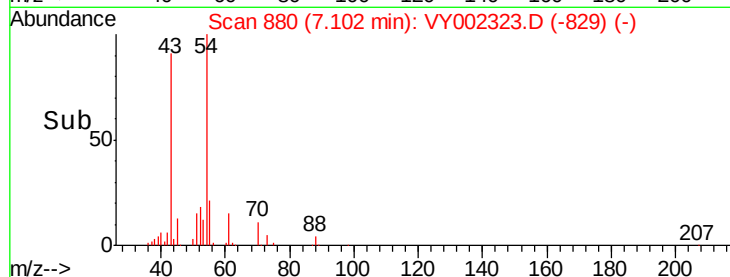
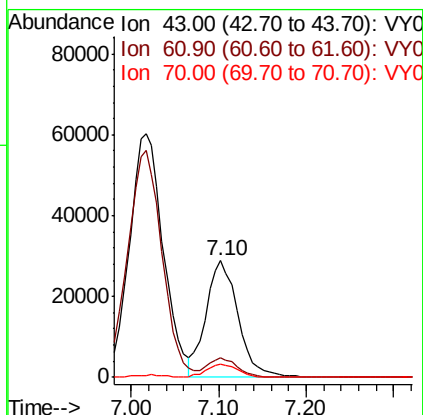
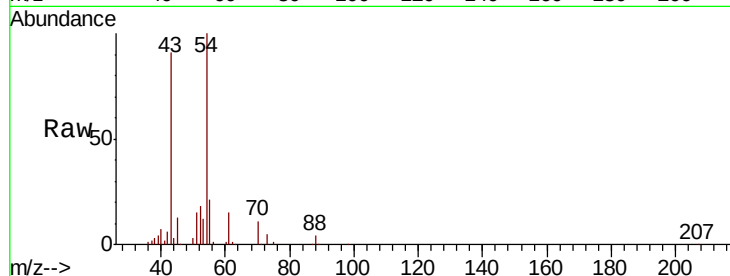




#37
Ethyl Acetate
Concen: 49.431 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

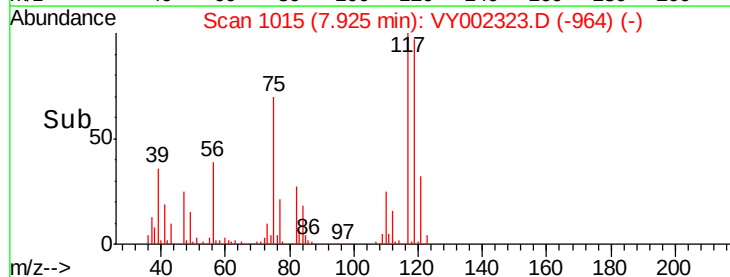
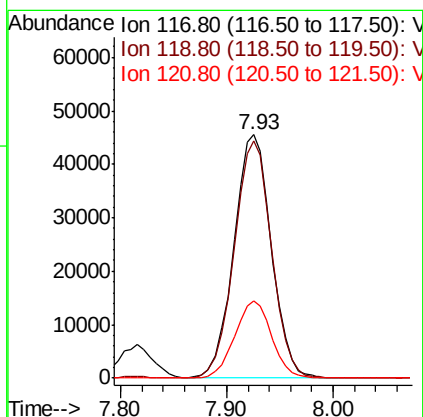
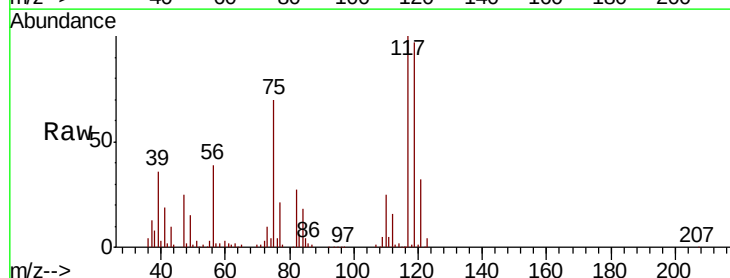
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

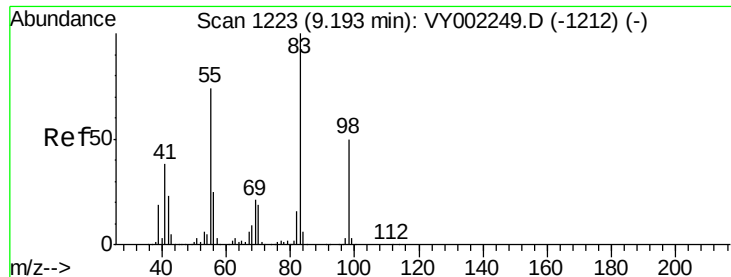
Tot Ion: 43 Resp: 74186
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.941 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 117 Resp: 112224
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7
121 31.8 23.9 35.9

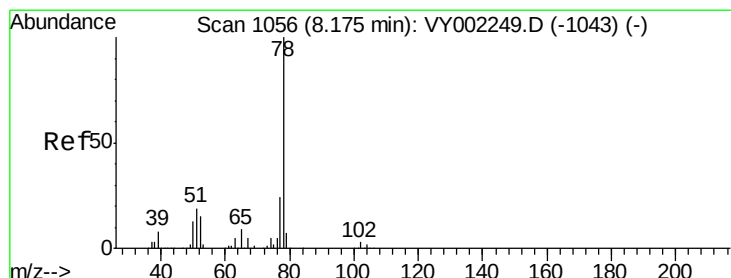
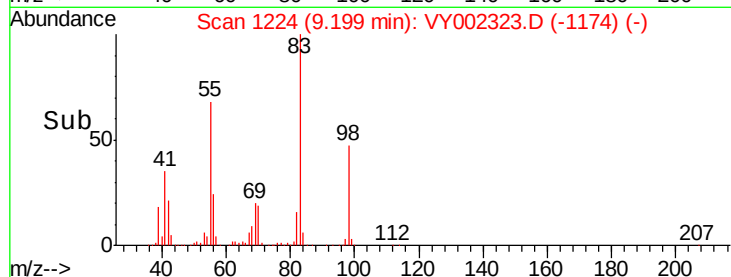
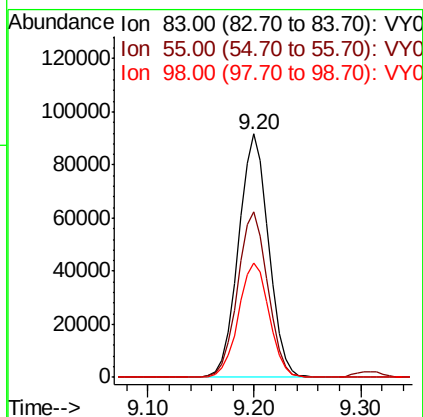
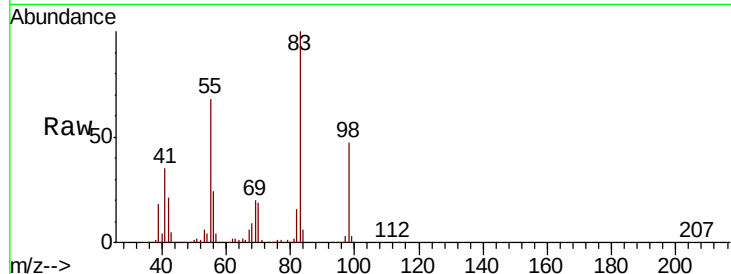




#39
Methylvlcyclohexane
Concen: 50.975 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

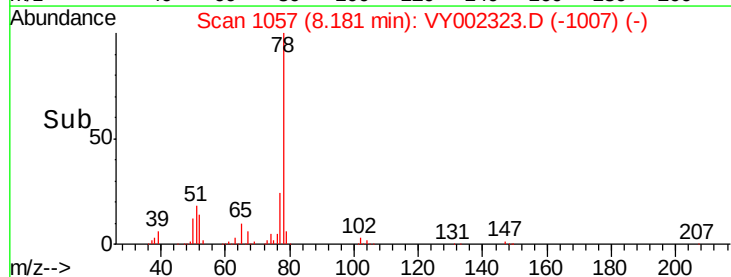
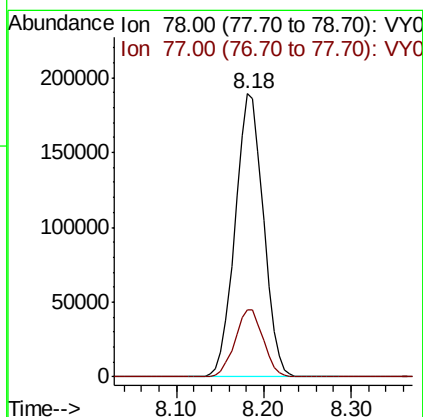
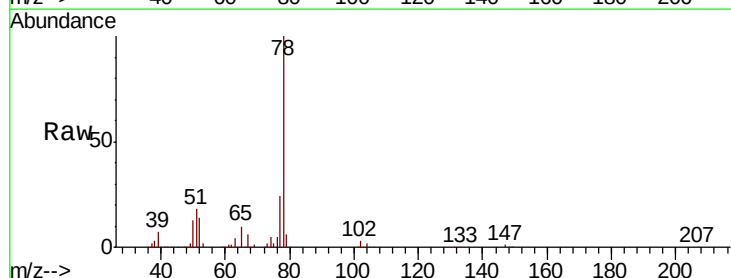
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

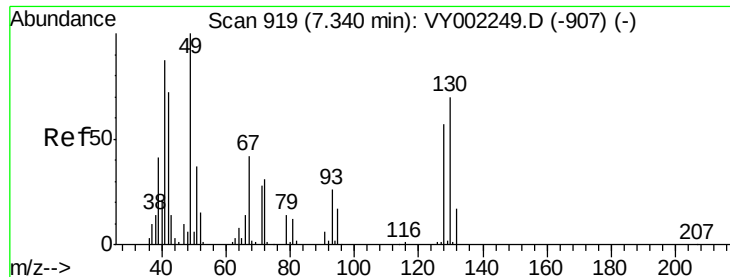
Tot Ion: 83 Resp: 182167
Ion Ratio Lower Upper
83 100
55 68.0 59.3 88.9
98 47.0 39.6 59.4



#40
Benzene
Concen: 53.366 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 78 Resp: 425353
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

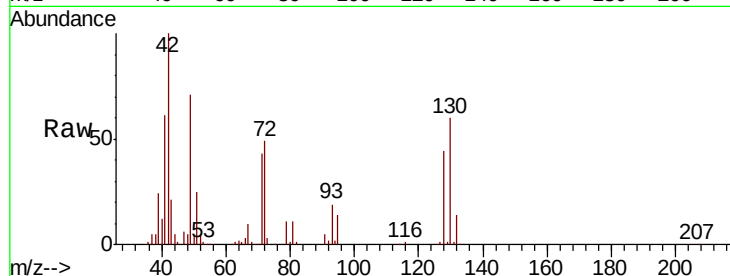




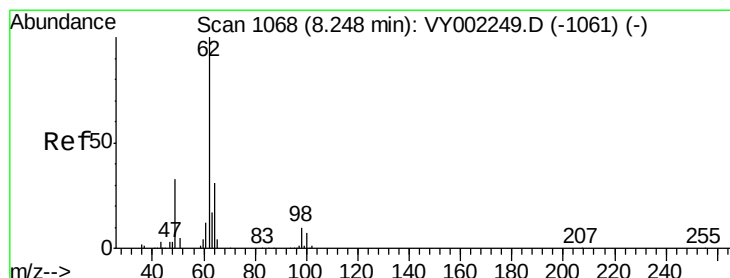
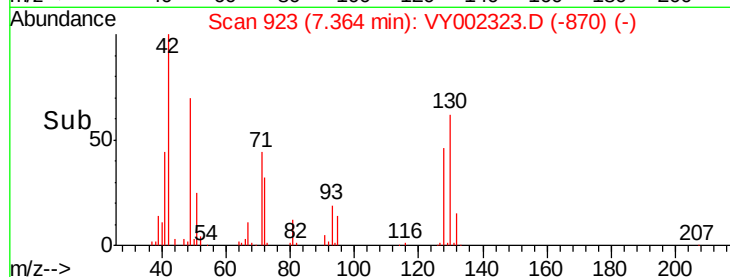
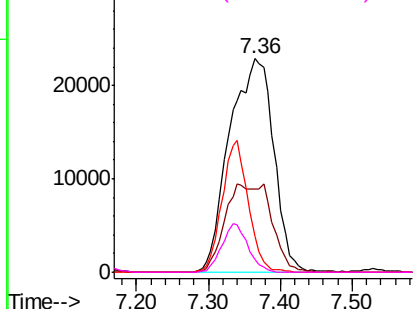
#41
Methacrylonitrile
Concen: 110.049 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	97431
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

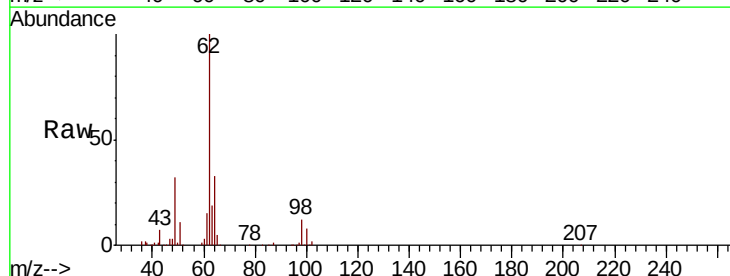


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

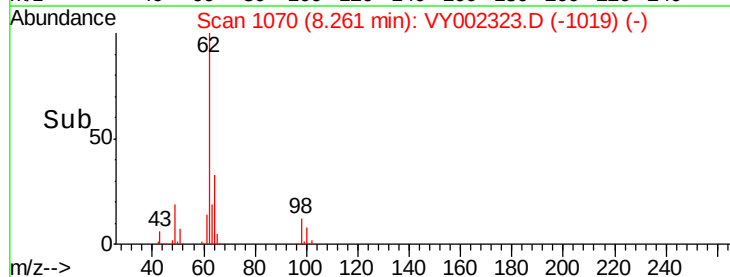
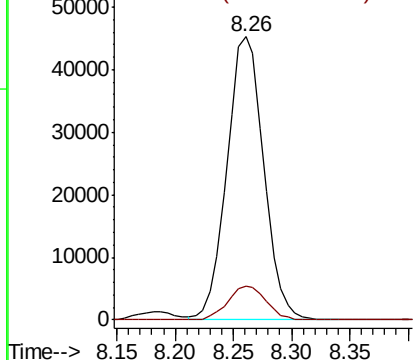


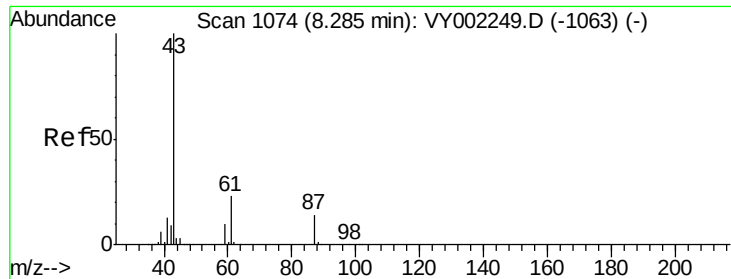
#42
1,2-Dichloroethane
Concen: 50.422 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion:	62	Resp:	99555
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 49.667 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

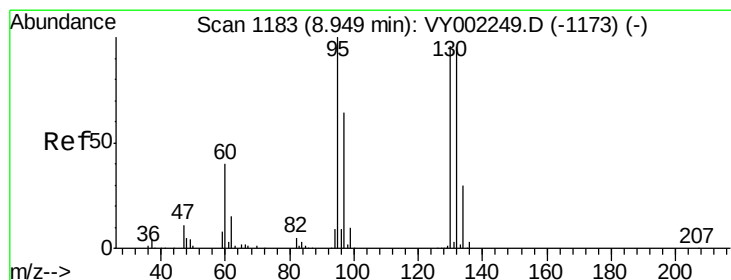
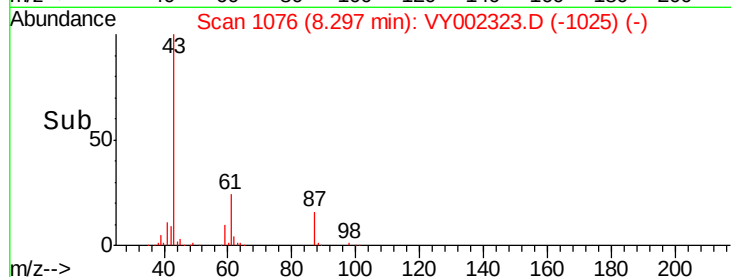
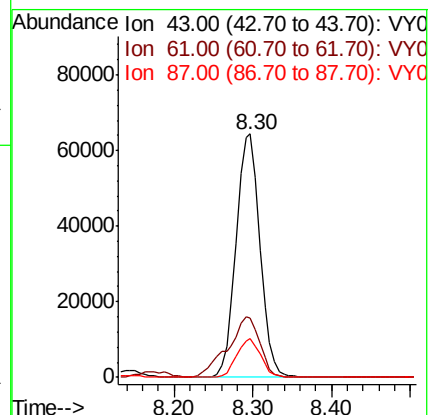
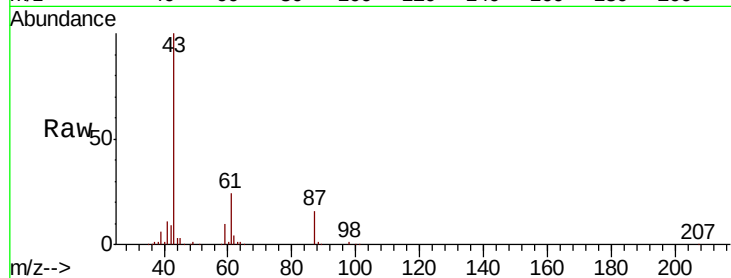
Tot Ion: 43 Resp: 135945

Ion Ratio Lower Upper

43 100

61 33.1 24.9 37.3

87 15.8 11.7 17.5



#44

Trichloroethene

Concen: 52.104 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY002323.D

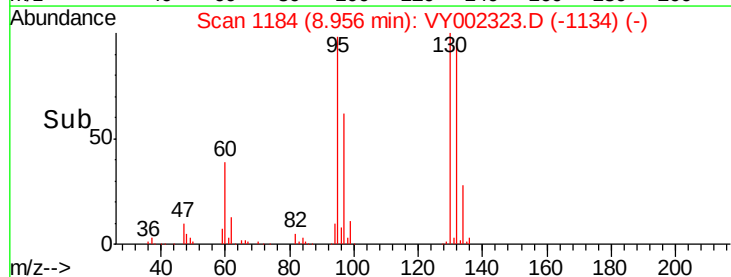
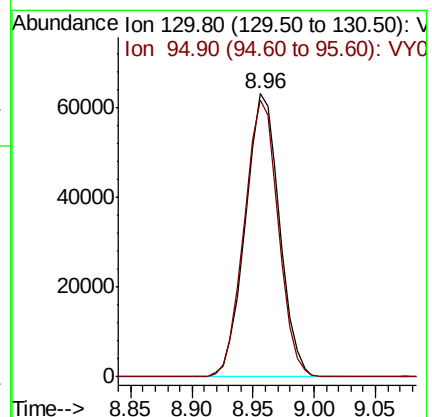
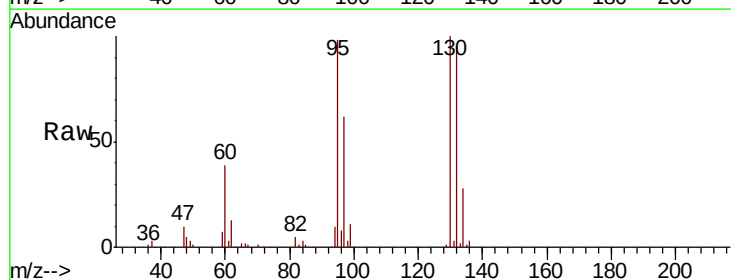
Acq: 14 Apr 2020 20:38

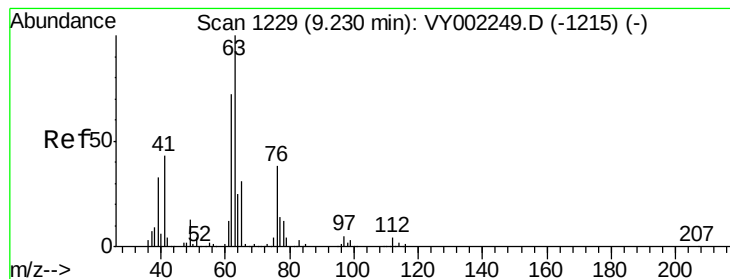
Tgt Ion:130 Resp: 122099

Ion Ratio Lower Upper

130 100

95 98.0 0.0 208.2





#45

1,2-Dichloropropane

Concen: 53.505 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

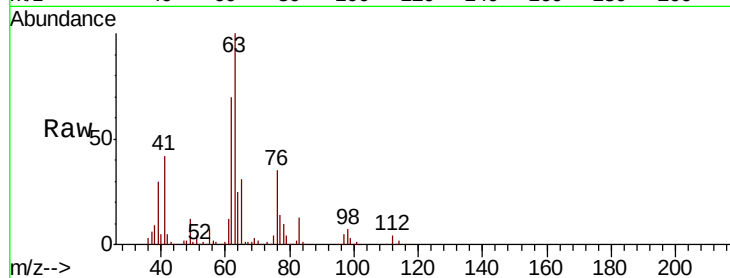
VSTDCCC050EC

Tot Ion: 63 Resp: 105814

Ion Ratio Lower Upper

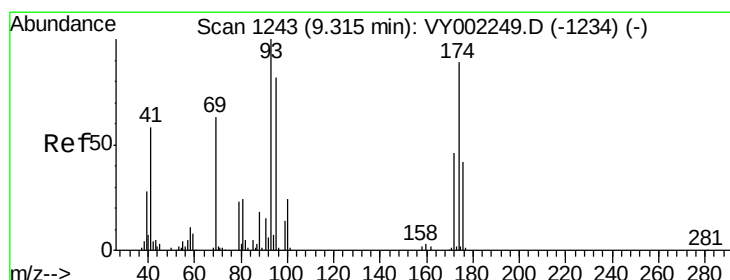
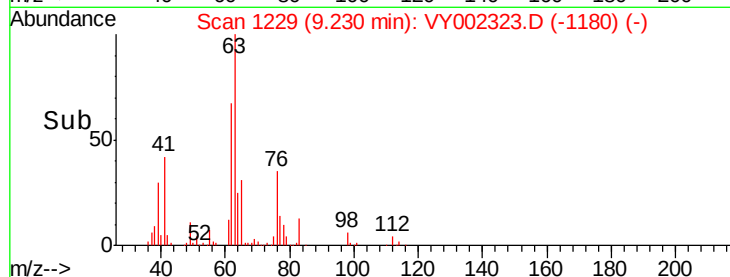
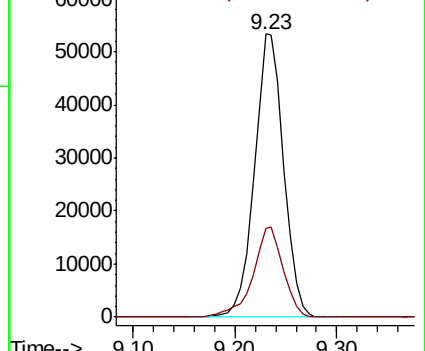
63 100

65 31.2 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 54.406 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

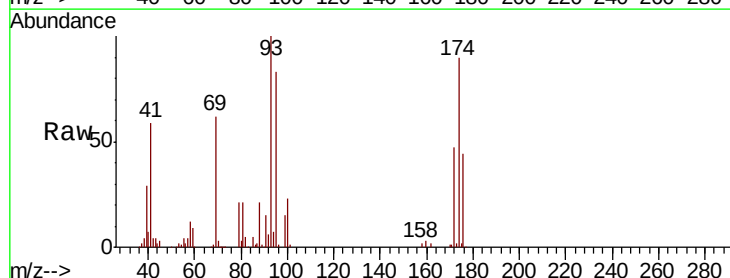
Tgt Ion: 93 Resp: 56257

Ion Ratio Lower Upper

93 100

95 82.6 67.3 100.9

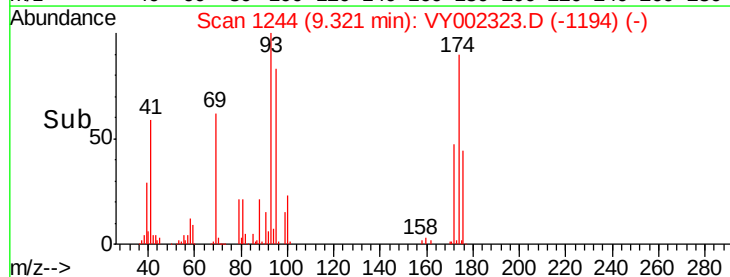
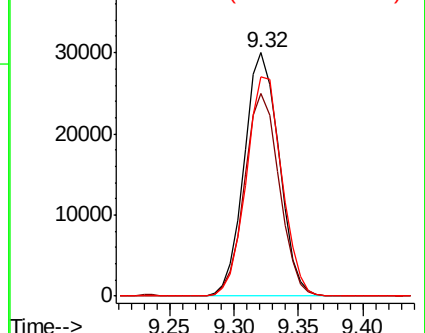
174 91.6 72.5 108.7

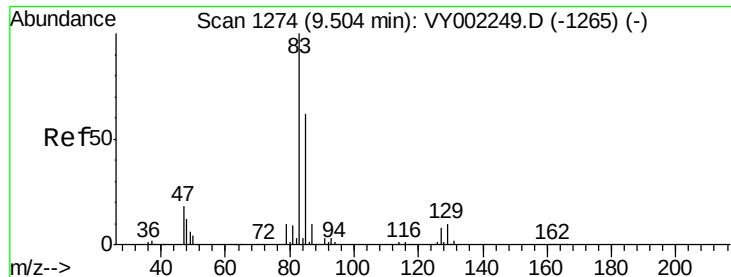


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

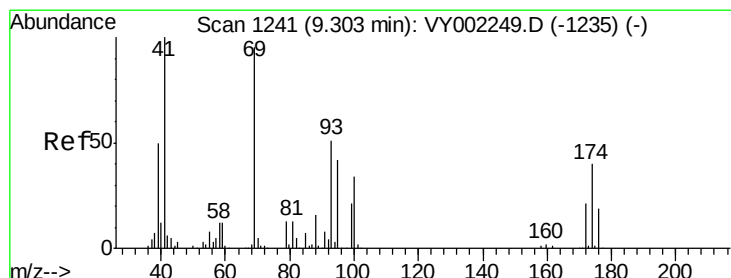
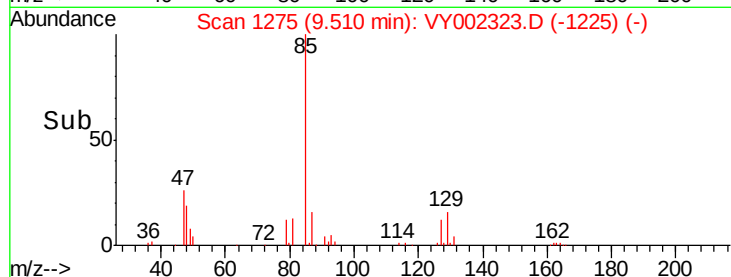
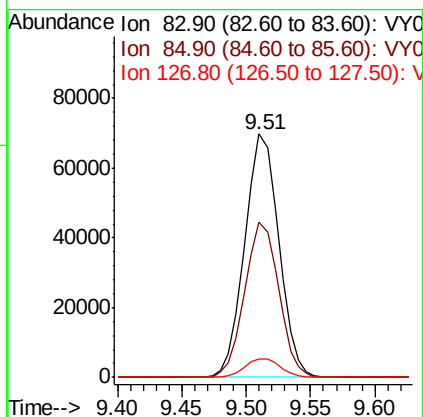
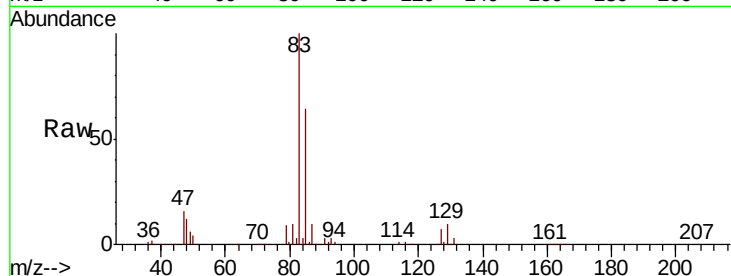




#47
Bromodichloromethane
Concen: 54.024 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

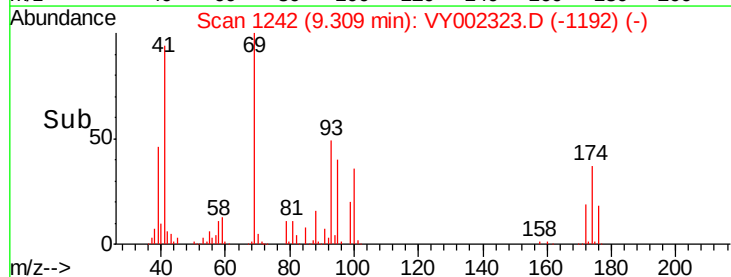
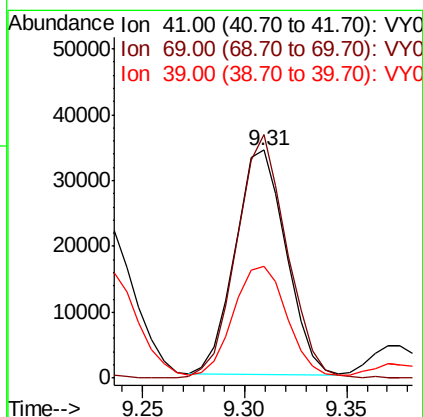
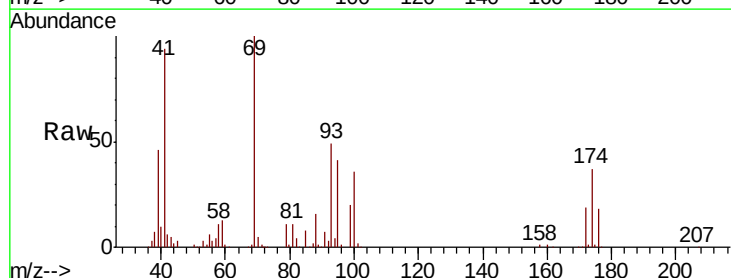
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

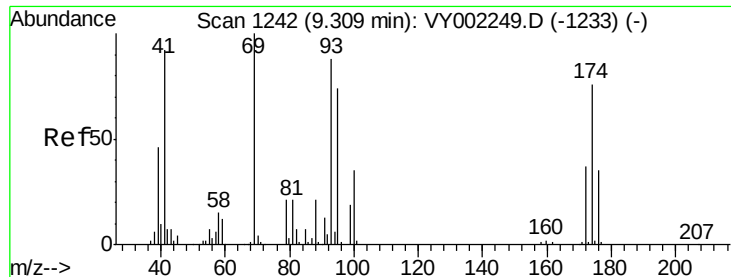
Tot Ion: 83 Resp: 128178
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5
127 7.5 6.2 9.4



#48
Methyl methacrylate
Concen: 48.478 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 41 Resp: 59498
Ion Ratio Lower Upper
41 100
69 106.4 76.7 115.1
39 53.1 40.5 60.7





#49

1,4-Dioxane

Concen: 1098.048 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

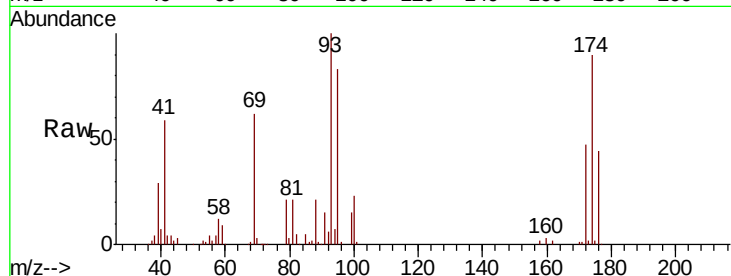
Tot Ion: 88 Resp: 16061

Ion Ratio Lower Upper

88 100

43 24.5 22.2 33.2

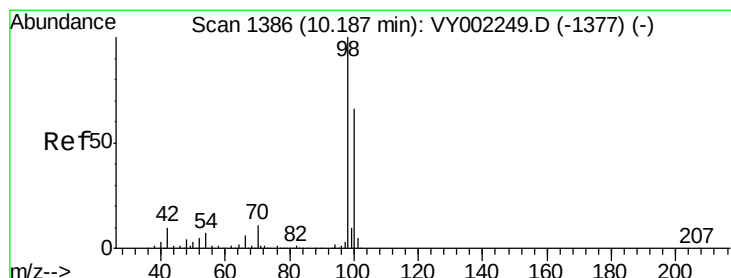
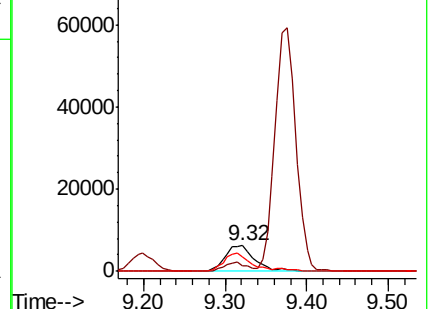
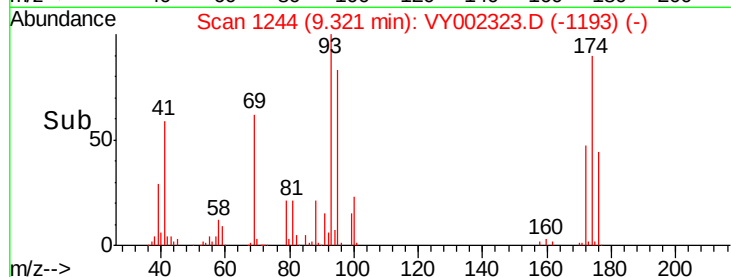
58 62.3 57.6 86.4



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 50.408 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002323.D

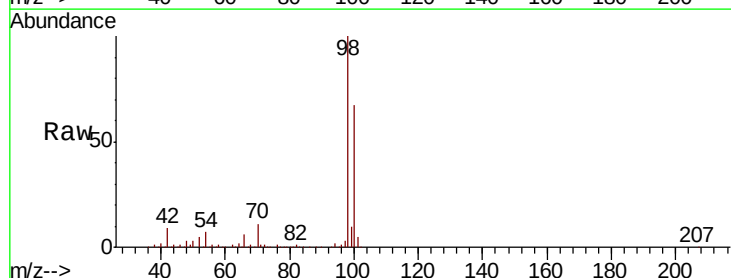
Acq: 14 Apr 2020 20:38

Tgt Ion: 98 Resp: 334840

Ion Ratio Lower Upper

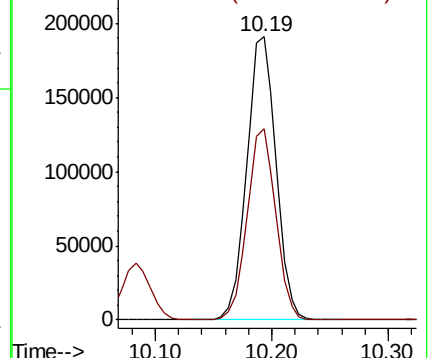
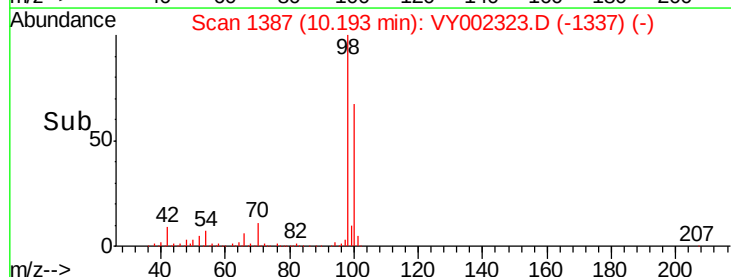
98 100

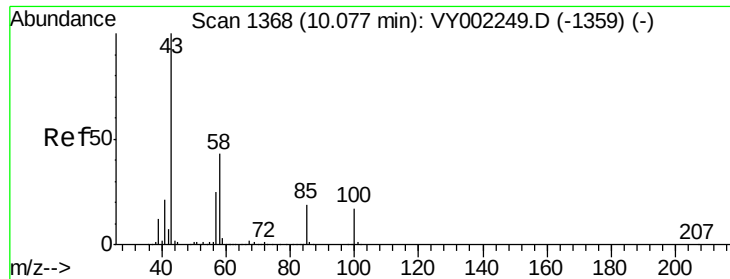
100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

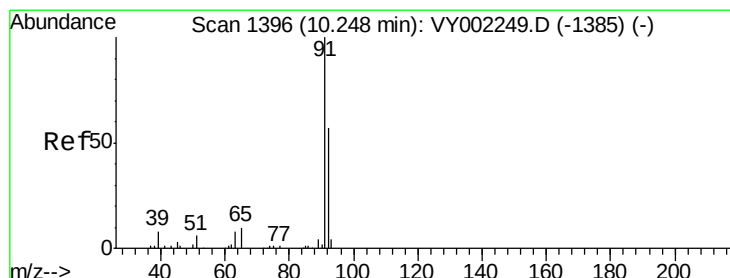
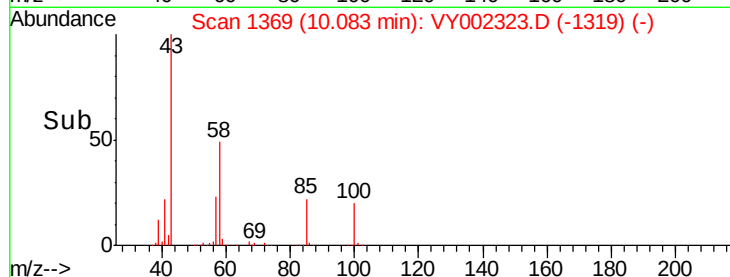
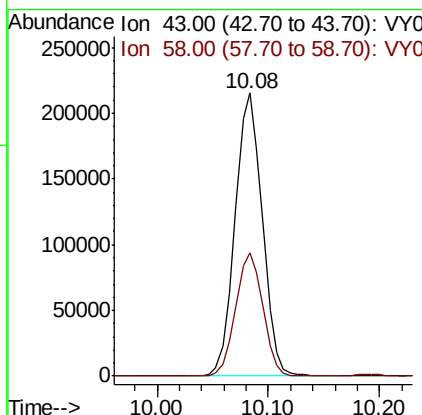
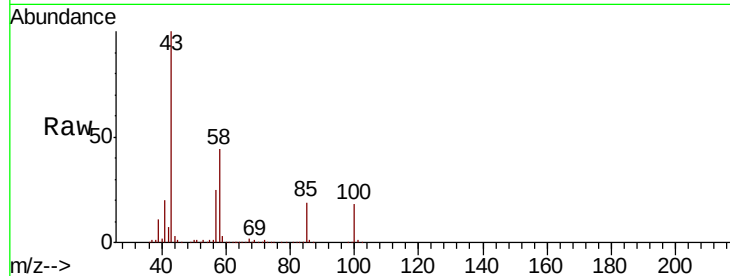




#51
 4-Methyl-2-Pentanone
 Concen: 255.344 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

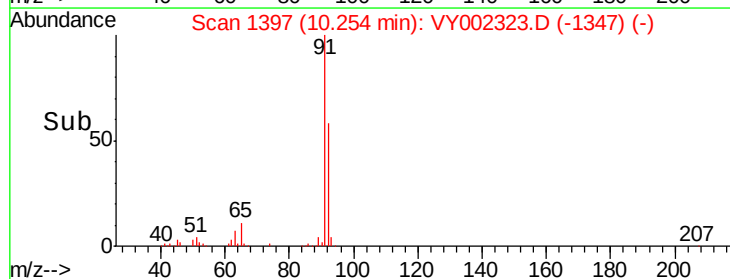
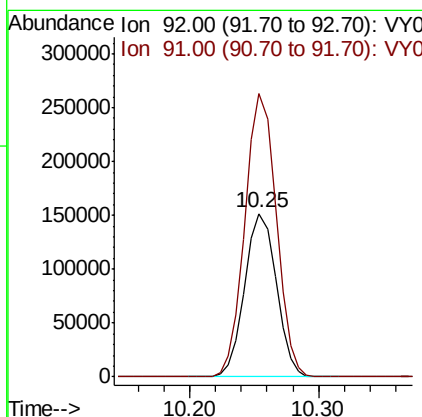
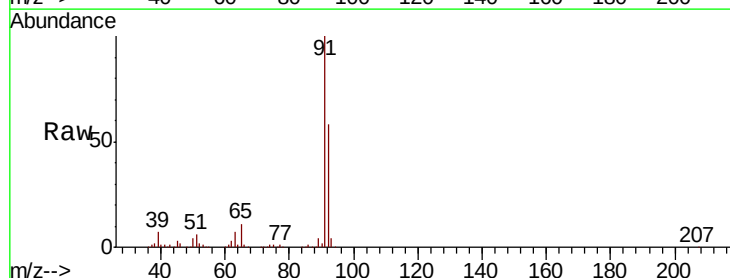
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

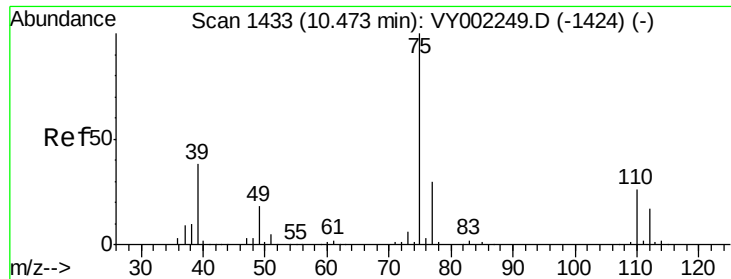
Tot Ion: 43 Resp: 364189
 Ion Ratio Lower Upper
 43 100
 58 43.7 33.8 50.8



#52
 Toluene
 Concen: 53.587 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 92 Resp: 257405
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.0 208.6

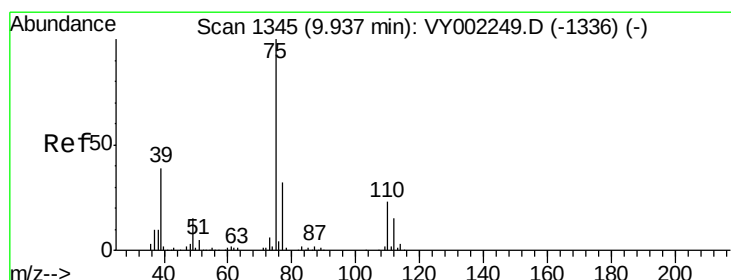
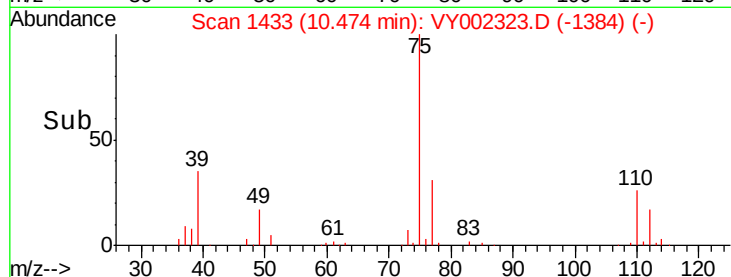
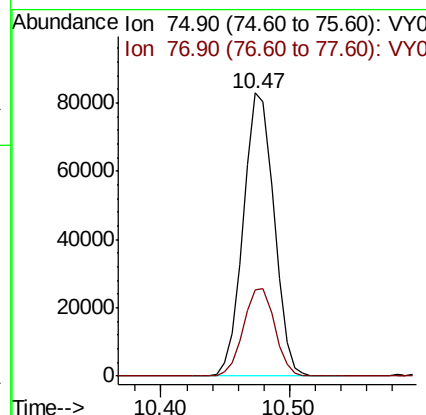
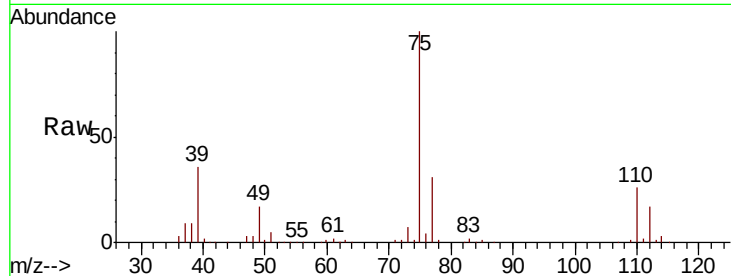




#53
t-1,3-Dichloropropene
Concen: 52.977 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

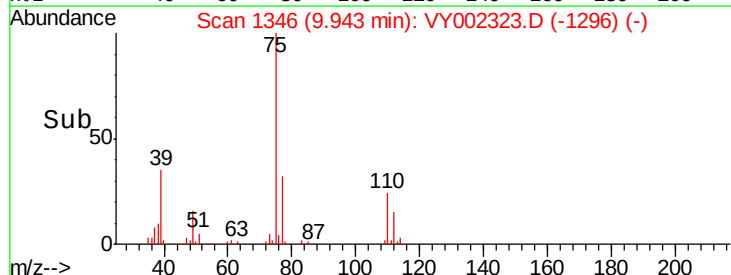
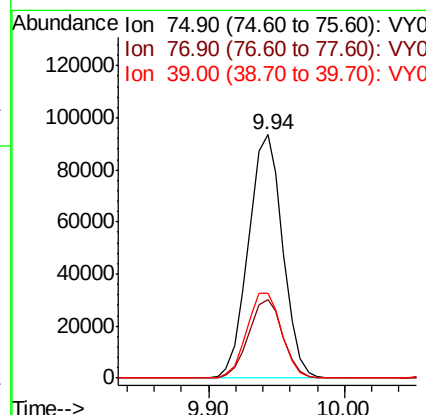
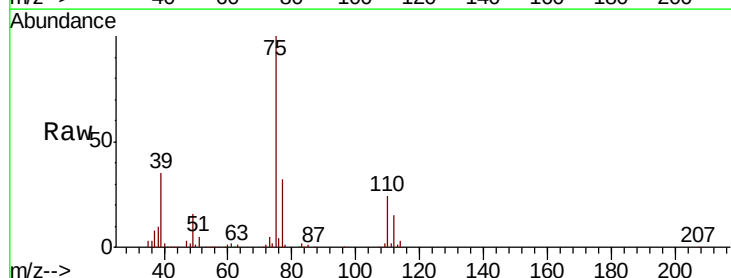
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

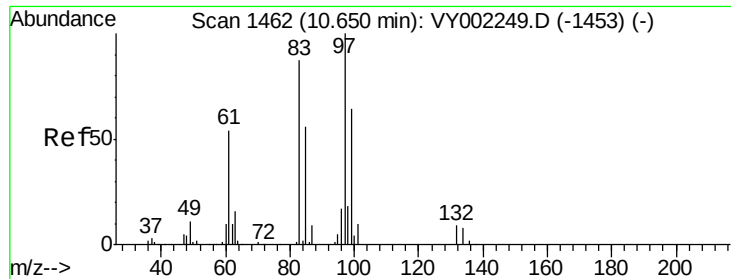
Tot Ion: 75 Resp: 136948
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 53.094 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 75 Resp: 165009
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 35.0 30.8 46.2





#55

1,1,2-Trichloroethane

Concen: 54.774 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 82920

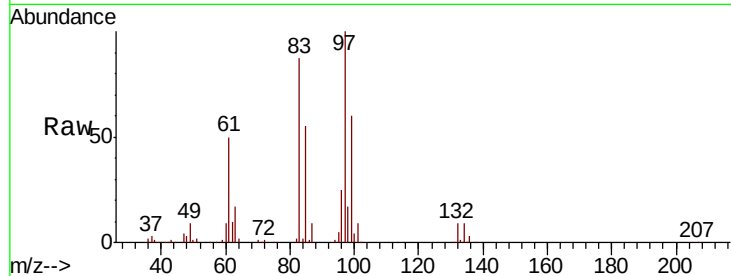
Ion Ratio Lower Upper

97 100

83 87.0 69.5 104.3

85 54.7 45.2 67.8

99 59.8 50.9 76.3

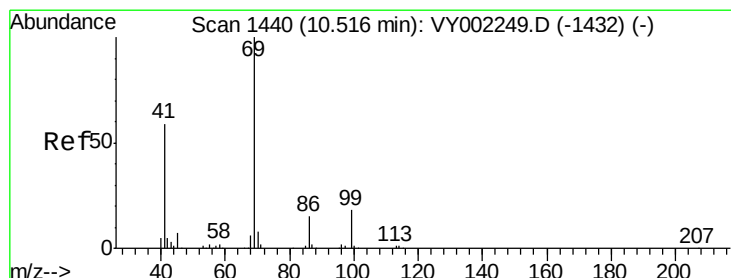
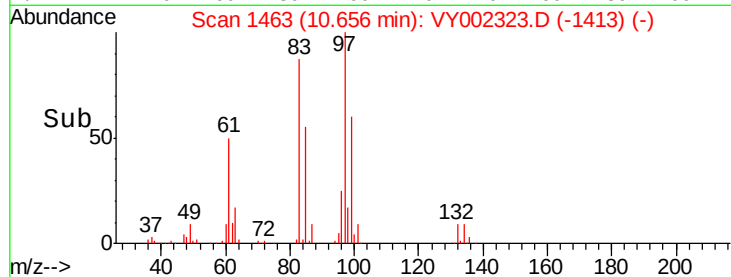
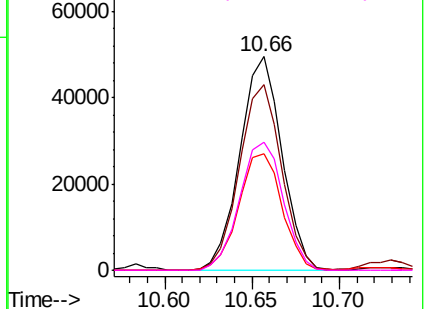


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 53.882 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

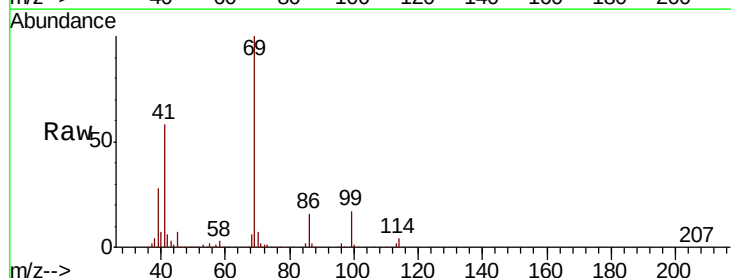
Tgt Ion: 69 Resp: 116420

Ion Ratio Lower Upper

69 100

41 54.6 47.9 71.9

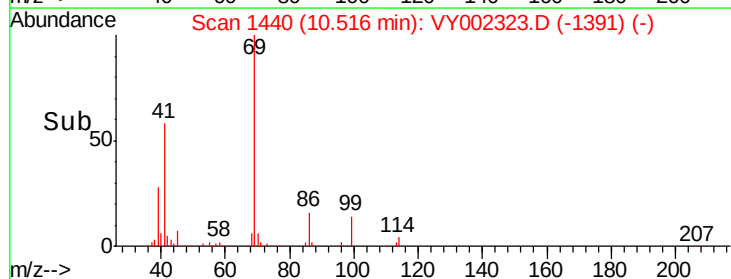
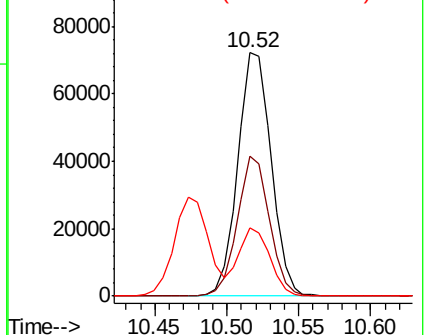
39 26.5 23.8 35.6

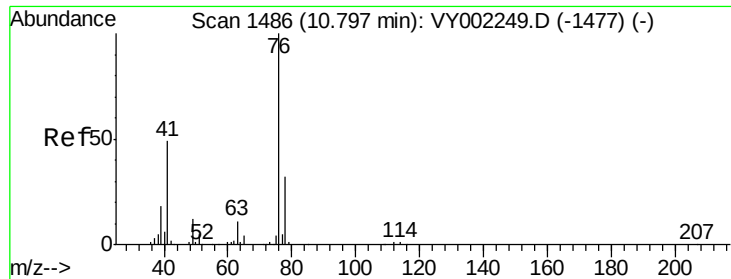


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 53.177 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

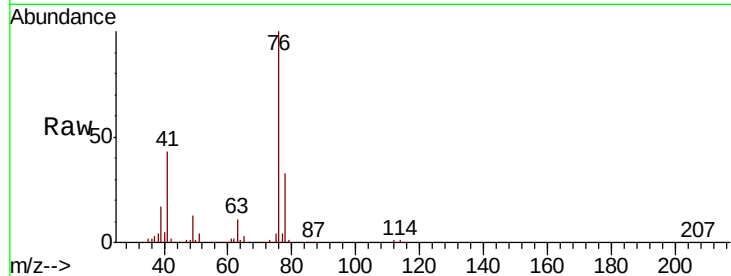
VSTDCCC050EC

Tot Ion: 76 Resp: 141499

Ion Ratio Lower Upper

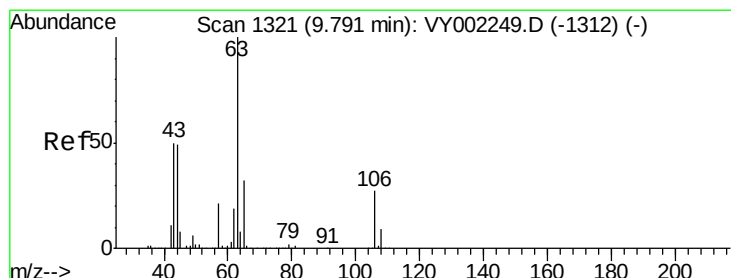
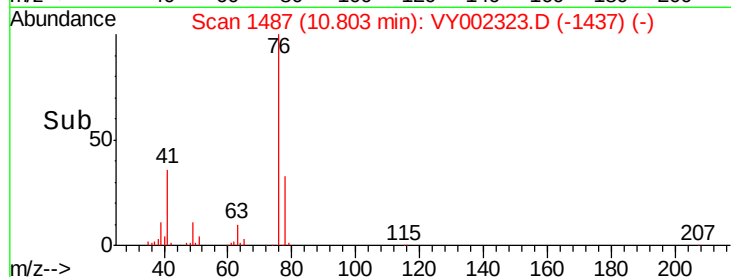
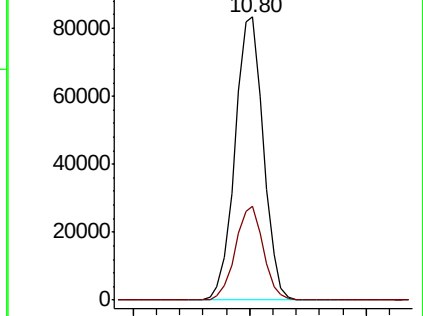
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 252.758 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002323.D

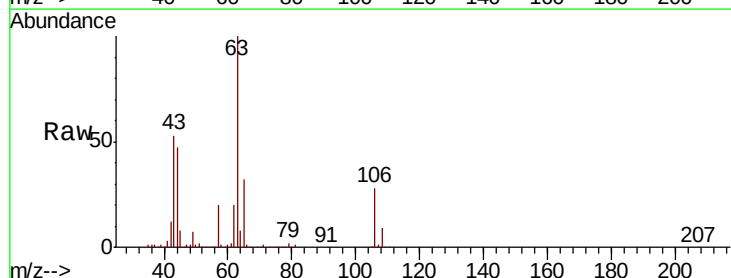
Acq: 14 Apr 2020 20:38

Tgt Ion: 63 Resp: 282808

Ion Ratio Lower Upper

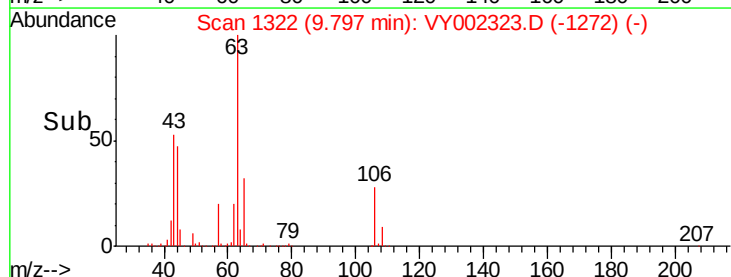
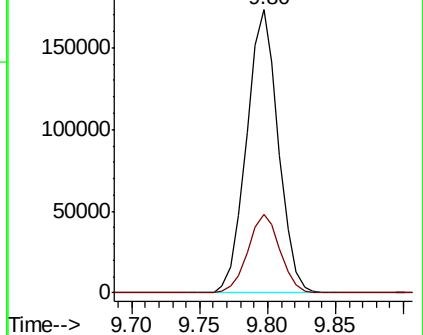
63 100

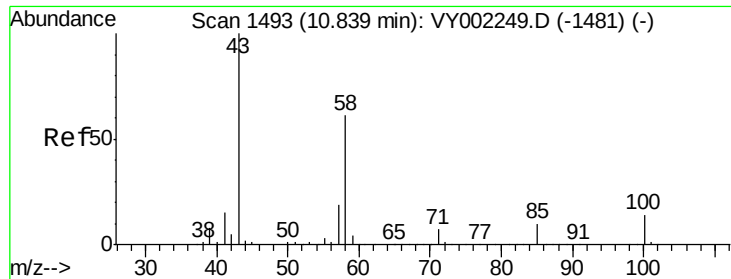
106 27.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

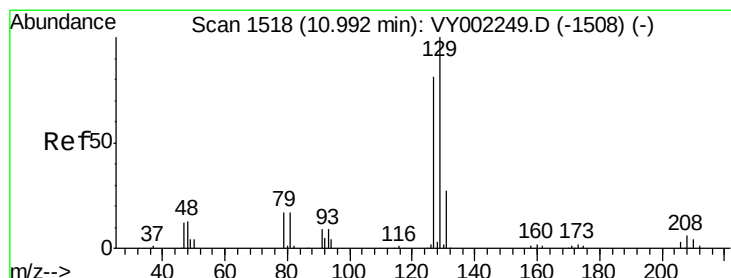
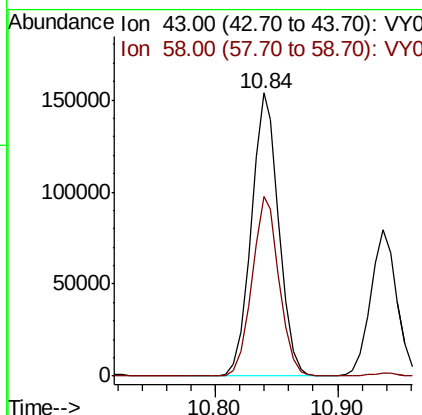
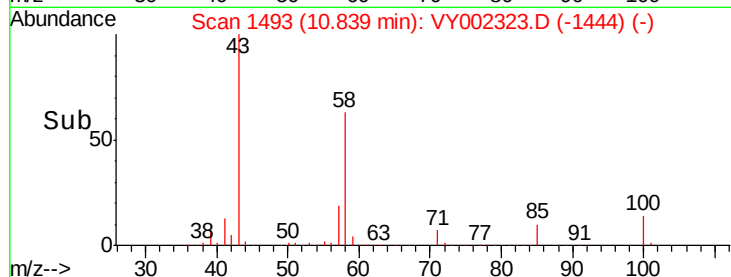
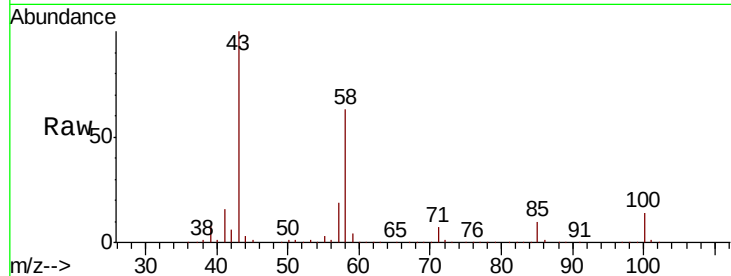




#59
2-Hexanone
Concen: 241.684 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

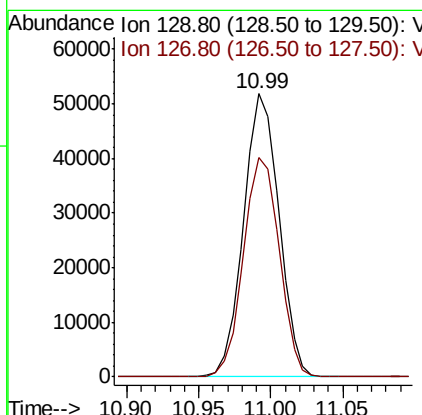
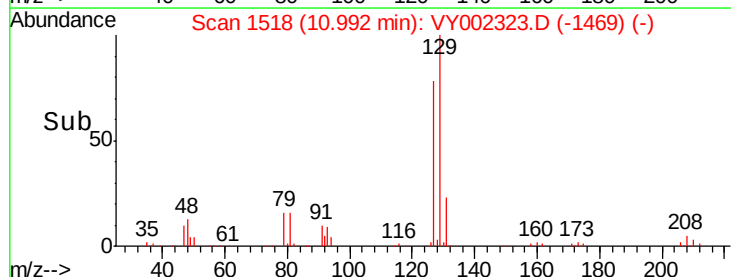
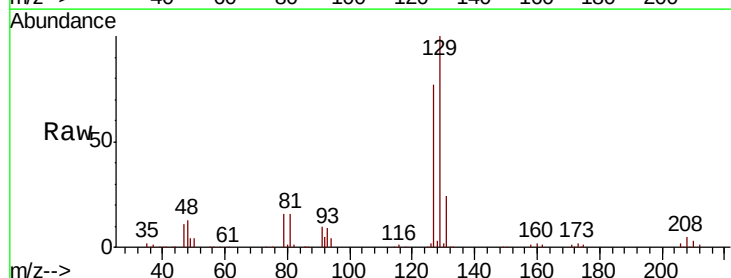
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

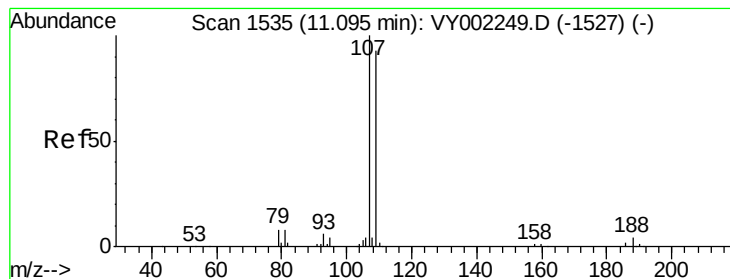
Tot Ion: 43 Resp: 239236
Ion Ratio Lower Upper
43 100
58 62.8 29.8 89.3



#60
Dibromochloromethane
Concen: 54.664 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 129 Resp: 88241
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.870 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

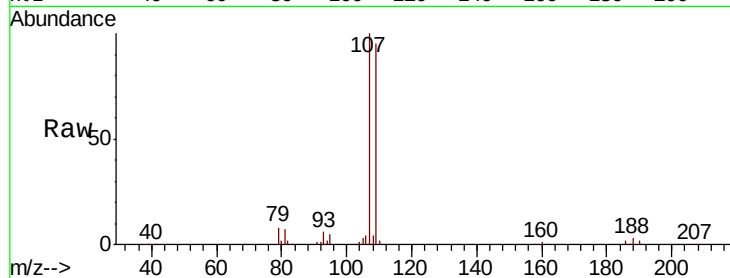
VSTDCCC050EC

Tot Ion:107 Resp: 77638

Ion Ratio Lower Upper

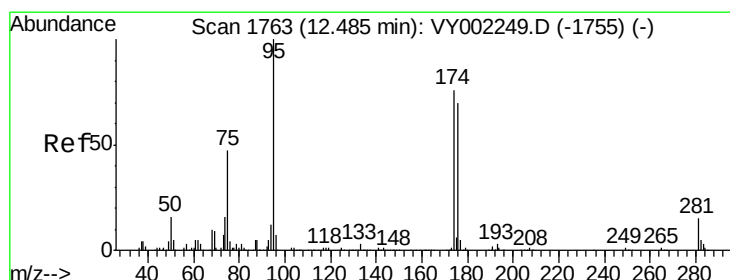
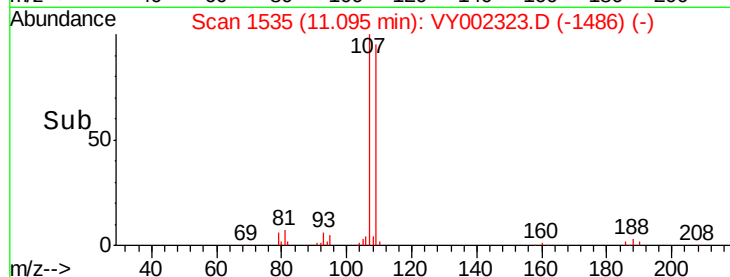
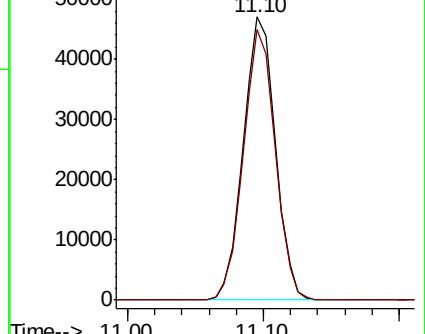
107 100

109 94.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.981 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

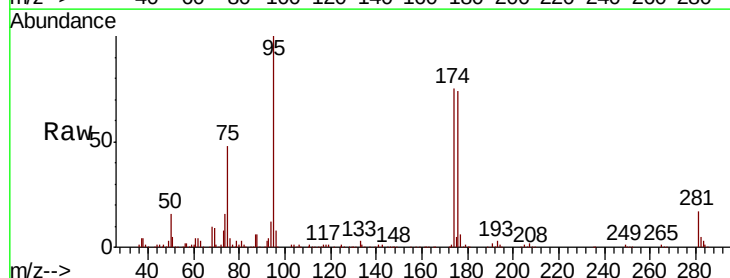
Tgt Ion: 95 Resp: 107342

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

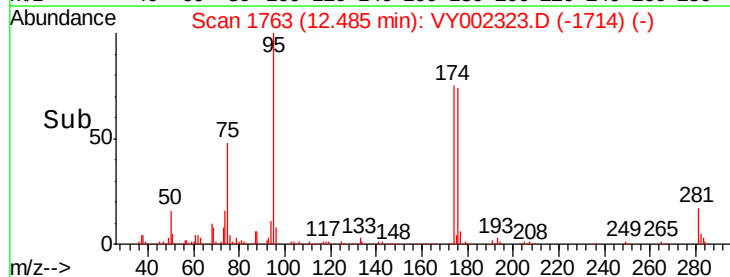
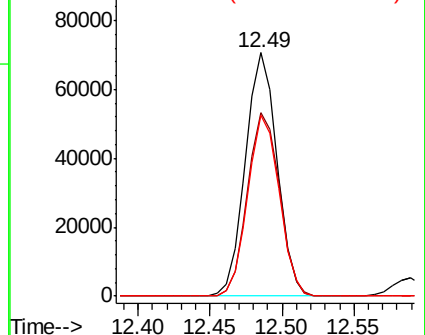
176 74.2 0.0 141.4

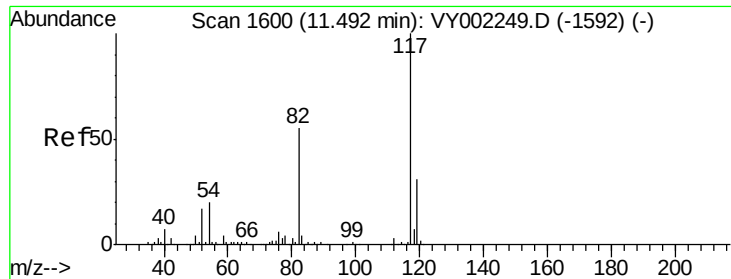


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

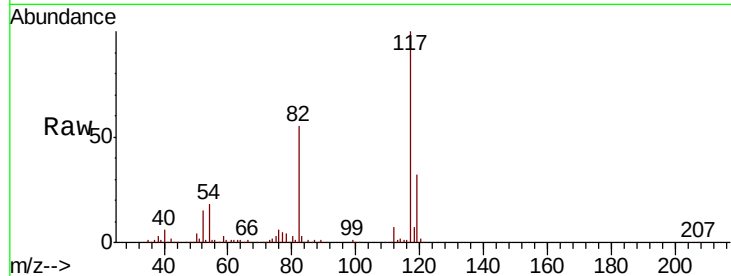




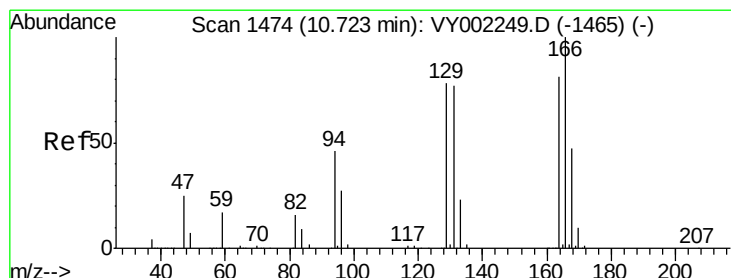
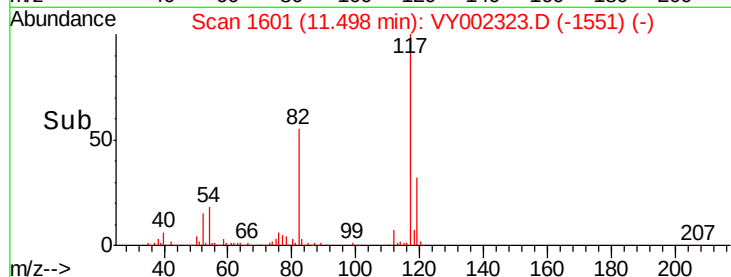
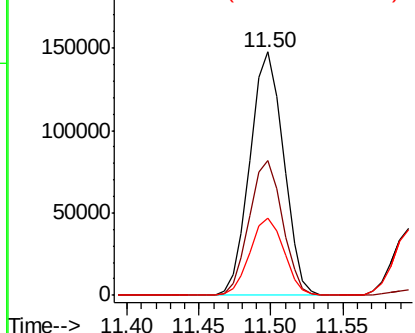
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 238701
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.0 25.1 37.7

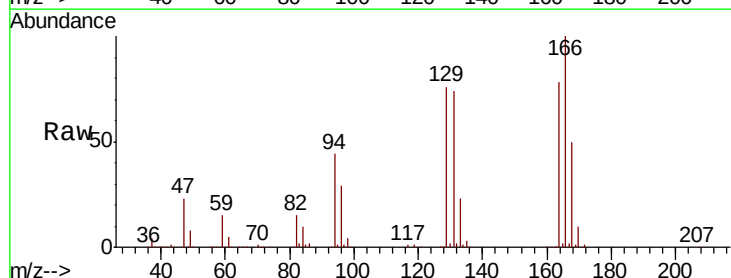


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

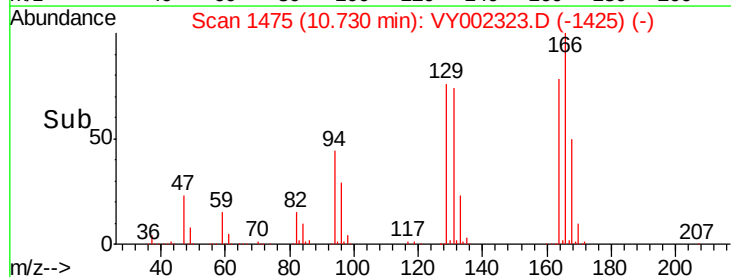
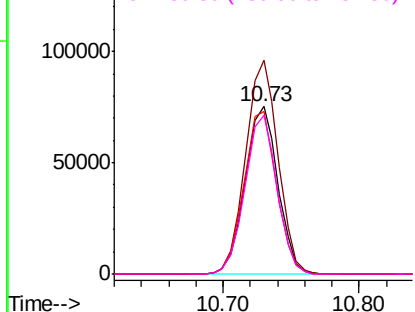


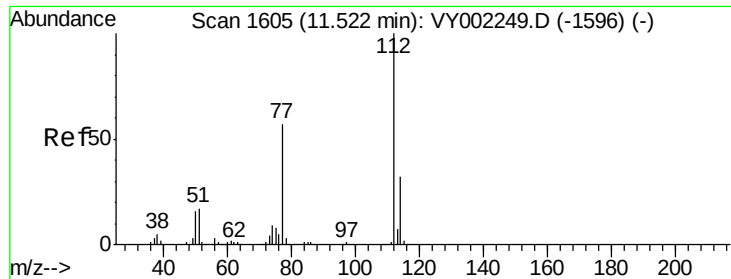
#64
Tetrachloroethene
Concen: 52.487 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion:164 Resp: 126669
Ion Ratio Lower Upper
164 100
166 127.7 98.4 147.6
129 97.2 76.6 115.0
131 94.9 75.4 113.2



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

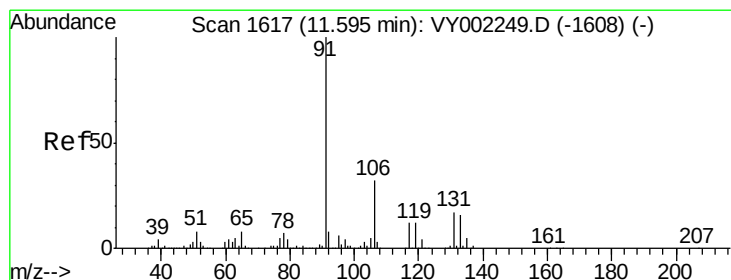
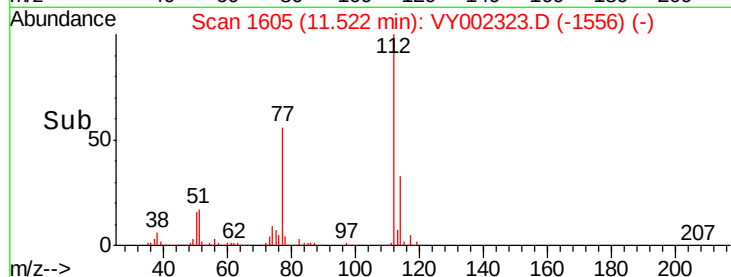
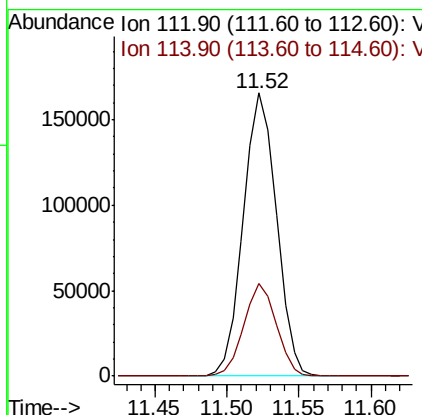
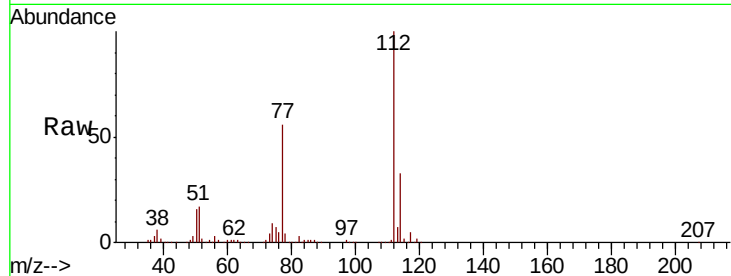




#65
Chlorobenzene
Concen: 53.270 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

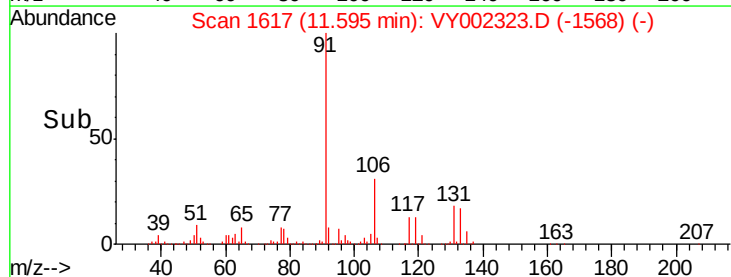
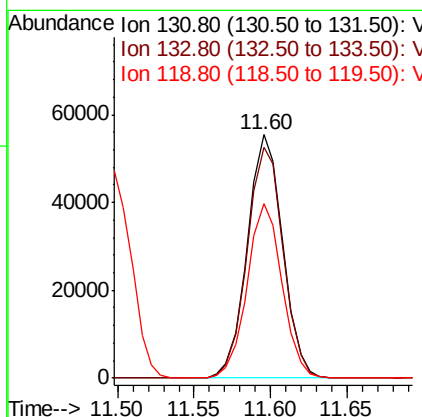
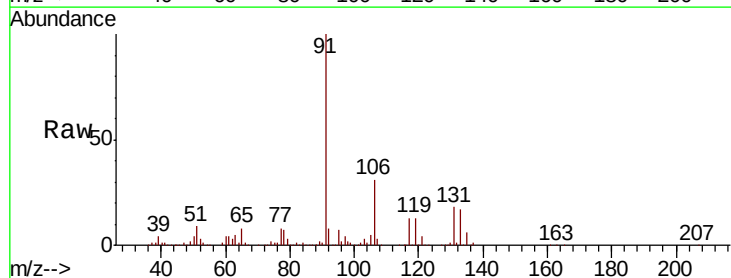
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

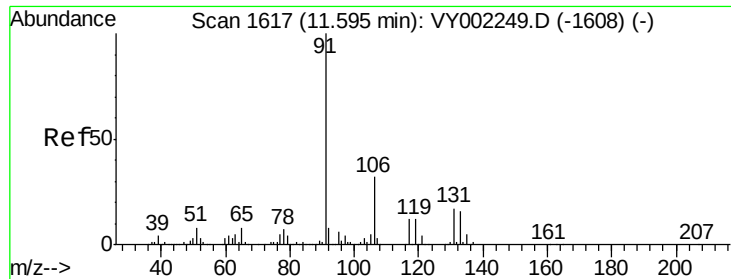
Tot Ion:112 Resp: 264320
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.367 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion:131 Resp: 89065
Ion Ratio Lower Upper
131 100
133 96.5 46.5 139.3
119 70.6 34.5 103.6

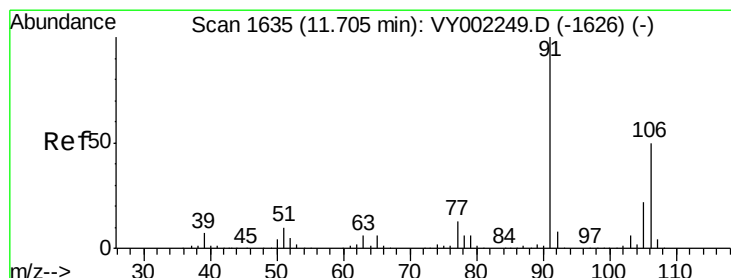
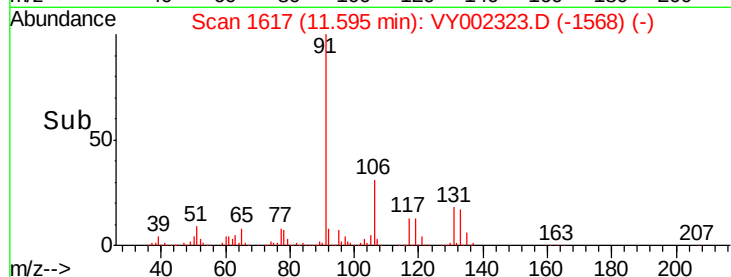
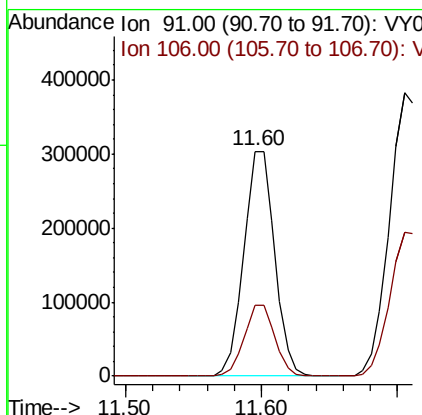
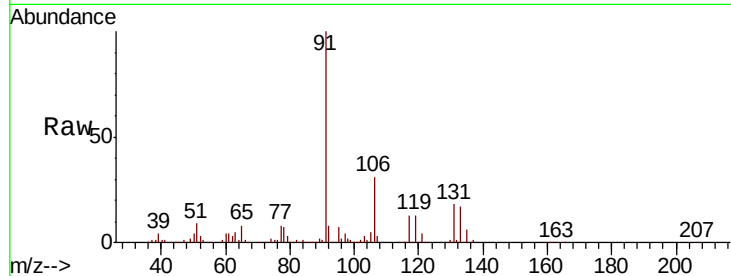




#67
Ethyl Benzene
Concen: 53.043 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

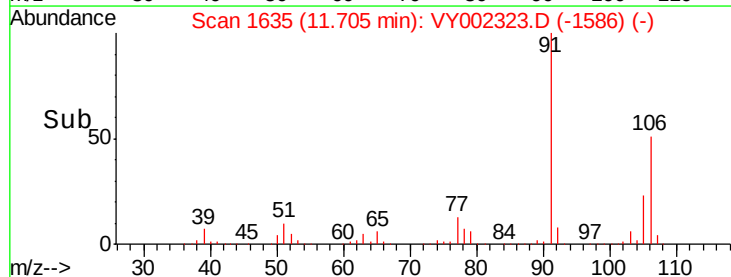
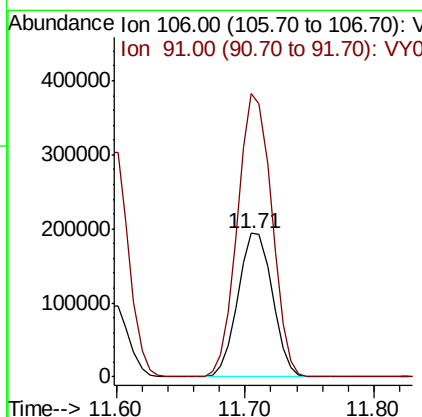
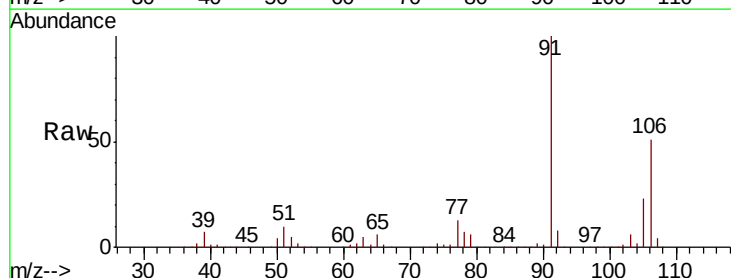
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

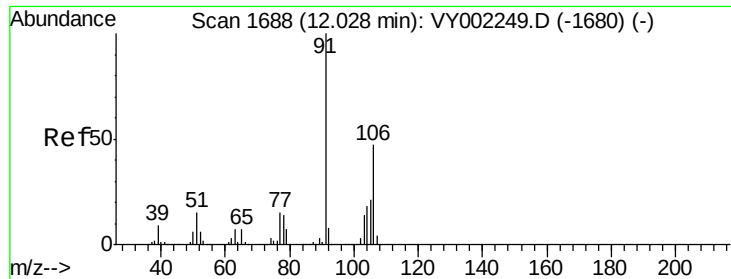
Tot Ion: 91 Resp: 481827
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 106.078 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 106 Resp: 360901
Ion Ratio Lower Upper
106 100
91 195.5 159.8 239.6

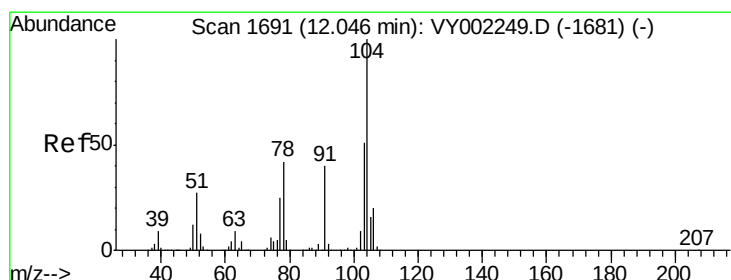
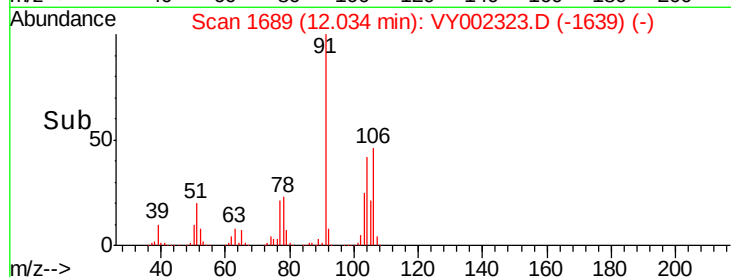
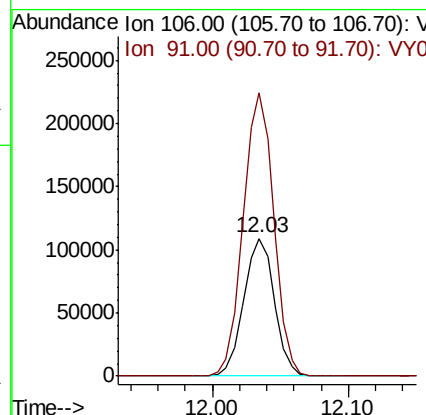
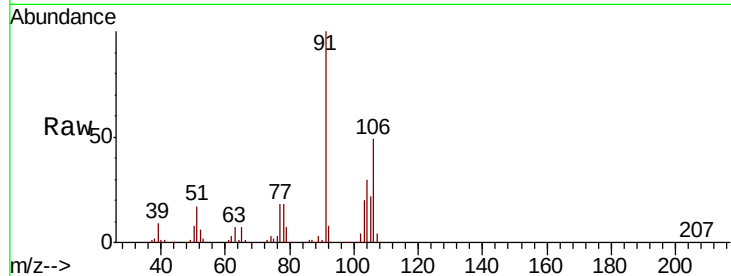




#69
o-Xylene
Concen: 53.524 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

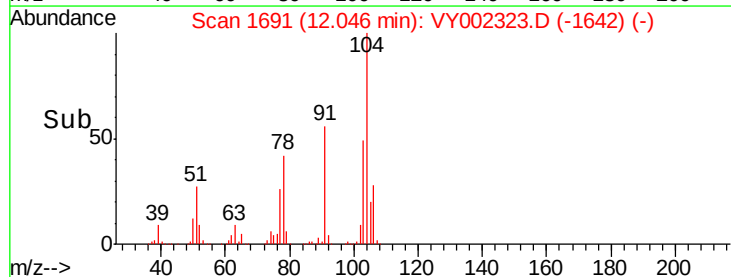
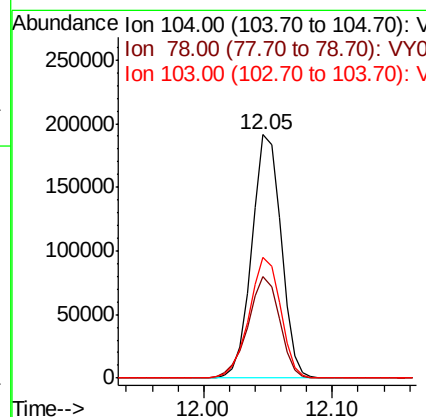
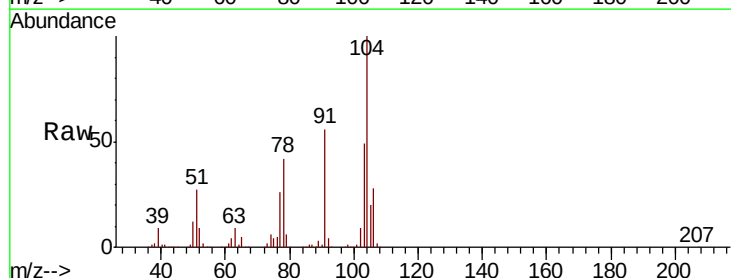
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

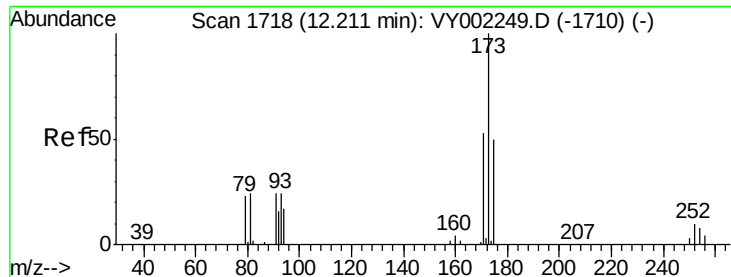
Tot Ion:106 Resp: 170964
Ion Ratio Lower Upper
106 100
91 206.3 105.8 317.3



#70
Styrene
Concen: 53.973 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion:104 Resp: 299101
Ion Ratio Lower Upper
104 100
78 44.9 37.2 55.8
103 53.2 43.4 65.0

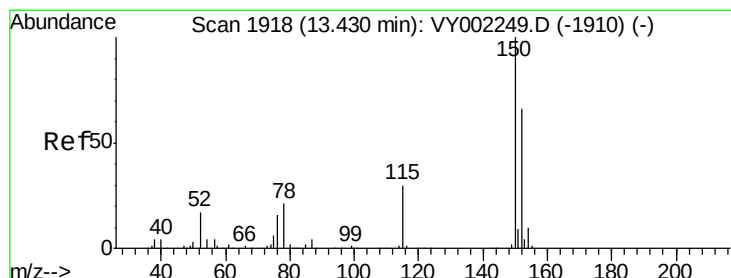
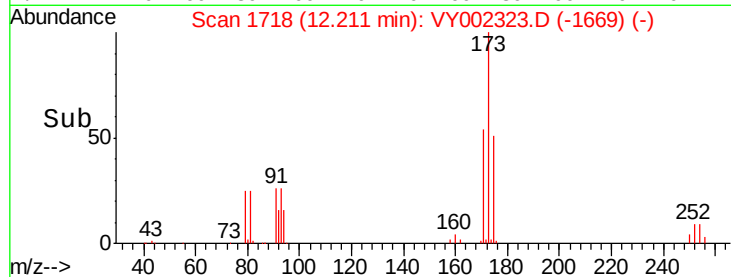
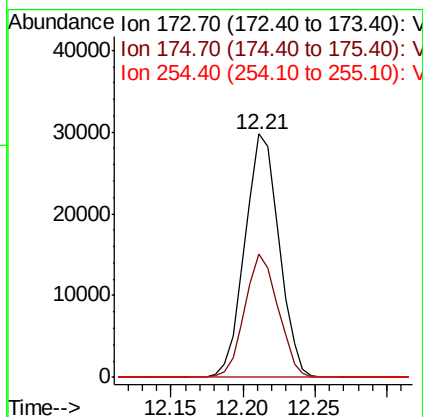
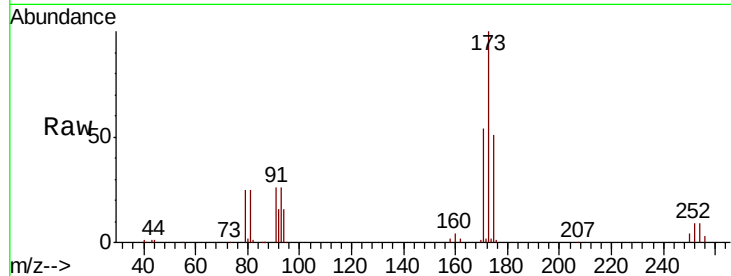




#71
 Bromoform
 Concen: 54.888 ug/l
 RT: 12.21 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

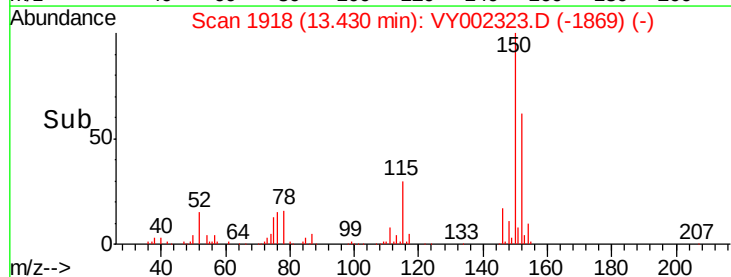
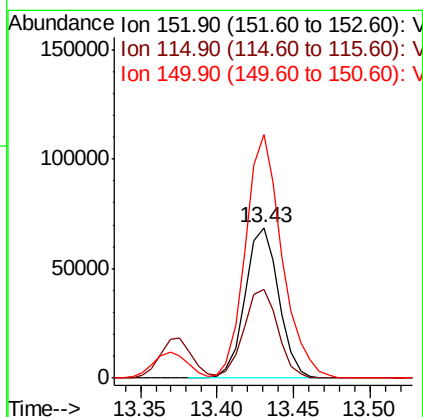
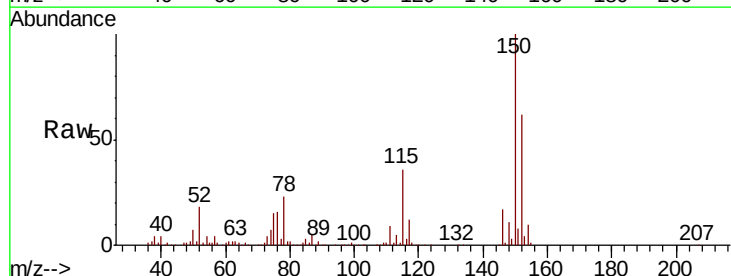
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

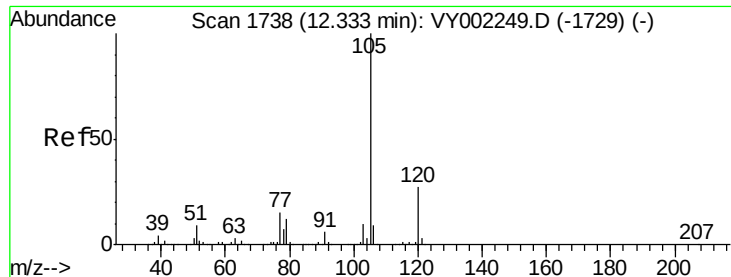
Tot Ion:173 Resp: 48899
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.1 72.3
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion:152 Resp: 104735
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.7 92.1
 150 175.6 0.0 350.6





#73

Isopropylbenzene

Concen: 54.343 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

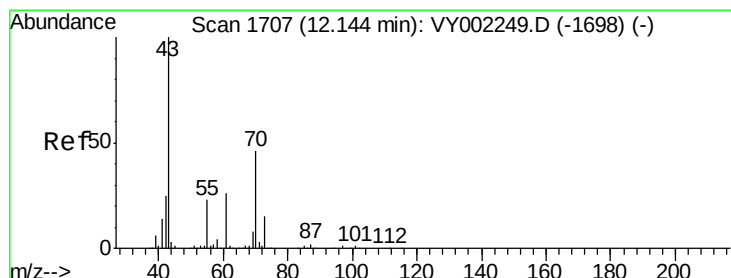
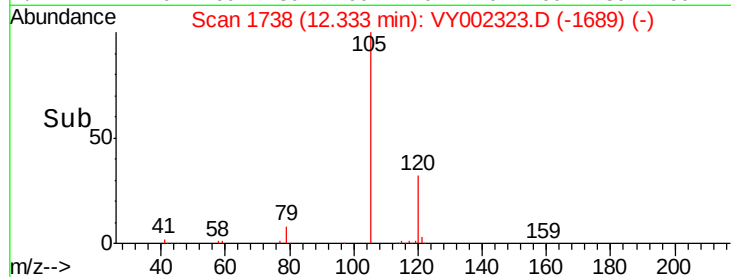
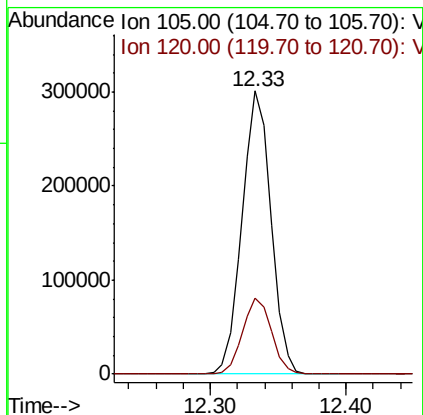
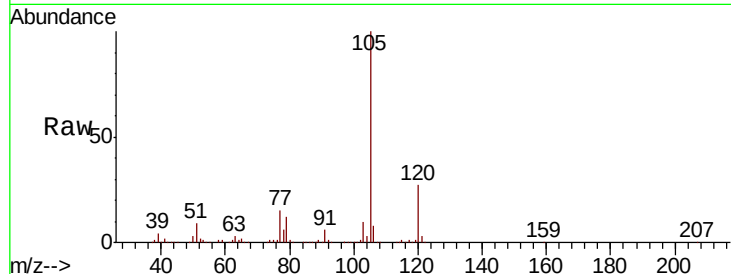
VSTDCCC050EC

Tot Ion:105 Resp: 447141

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 50.140 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Tgt Ion: 43 Resp: 117110

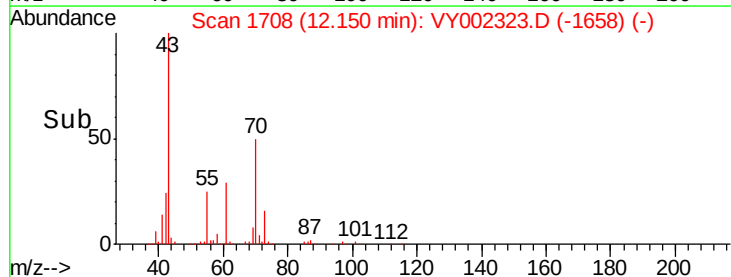
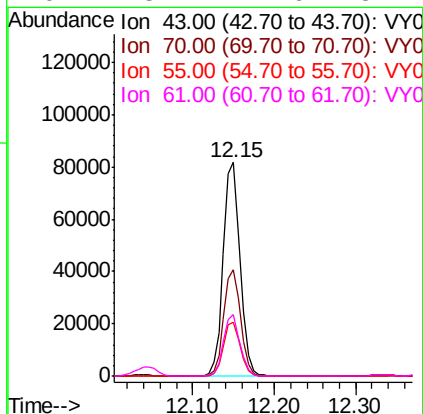
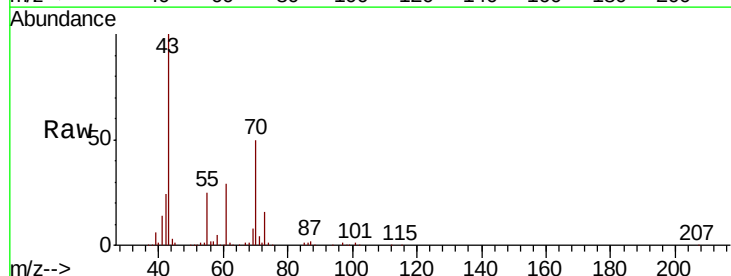
Ion Ratio Lower Upper

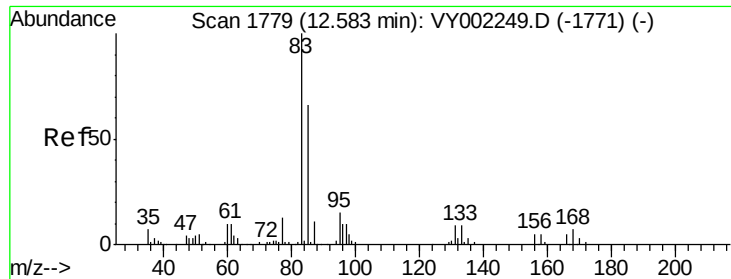
43 100

70 49.5 37.5 56.3

55 25.2 19.0 28.6

61 28.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 57.930 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

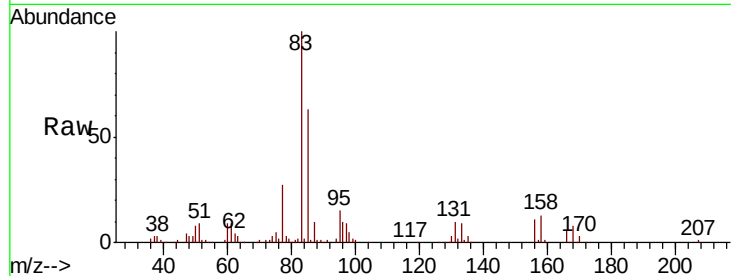
Tot Ion: 83 Resp: 57669

Ion Ratio Lower Upper

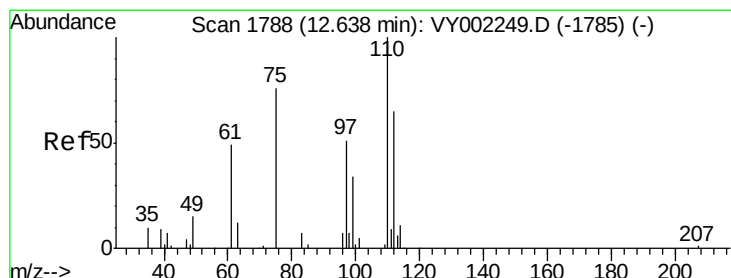
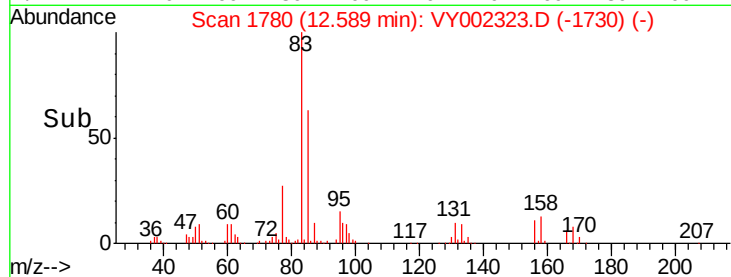
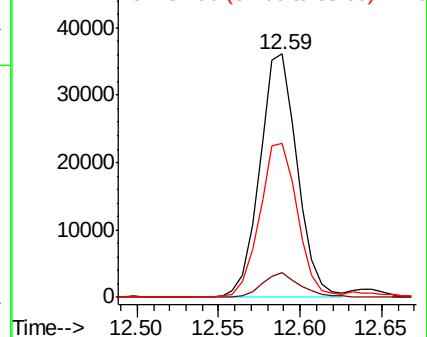
83 100

131 10.1 4.9 14.7

85 64.0 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 97.838 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002323.D

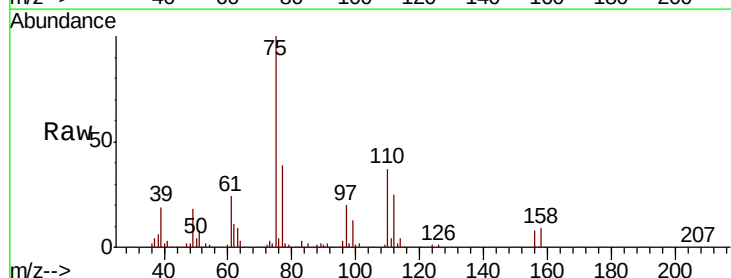
Acq: 14 Apr 2020 20:38

Tgt Ion: 75 Resp: 118991

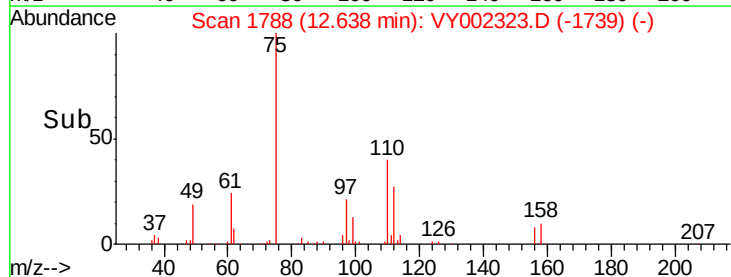
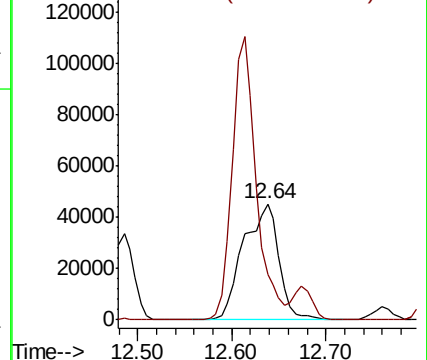
Ion Ratio Lower Upper

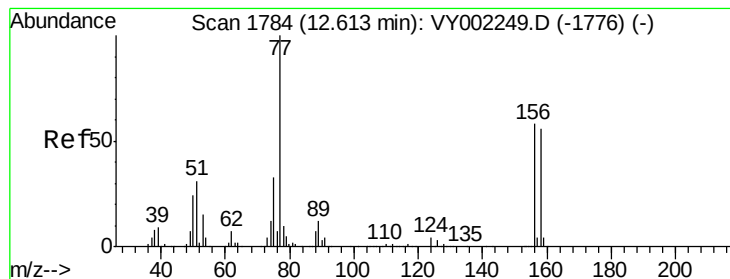
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 54.324 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

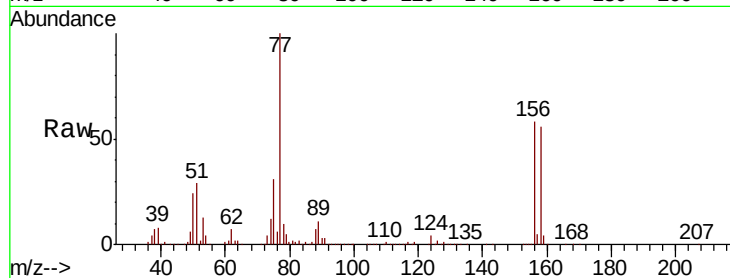
Tot Ion:156 Resp: 98340

Ion Ratio Lower Upper

156 100

77 198.8 101.3 303.9

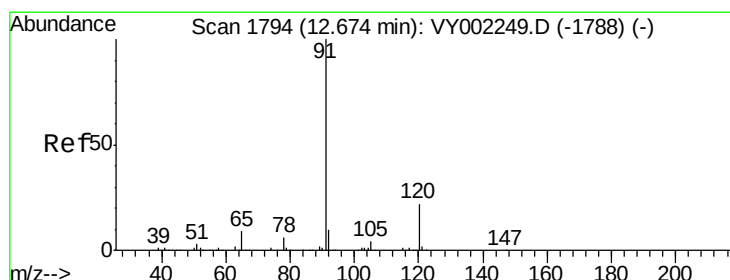
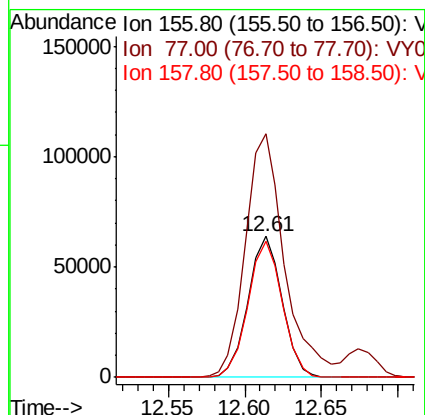
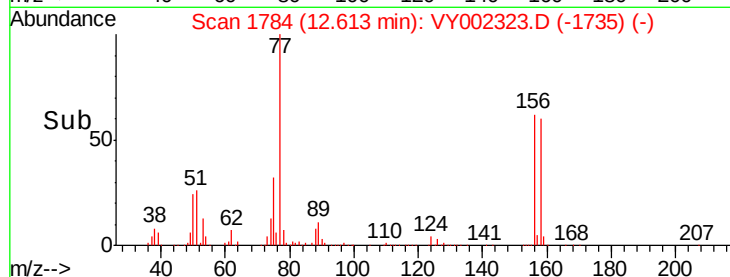
158 97.5 48.3 144.8



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: 52.570 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY002323.D

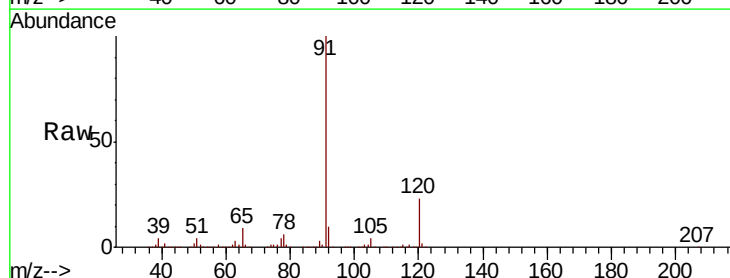
Acq: 14 Apr 2020 20:38

Tgt Ion: 91 Resp: 537966

Ion Ratio Lower Upper

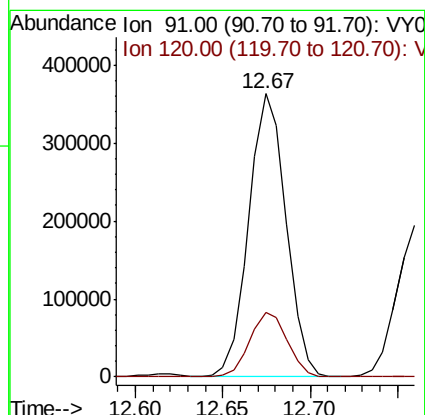
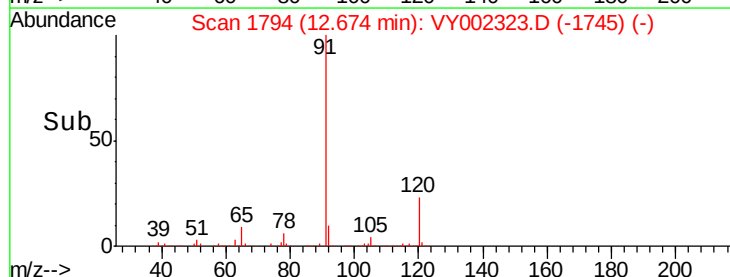
91 100

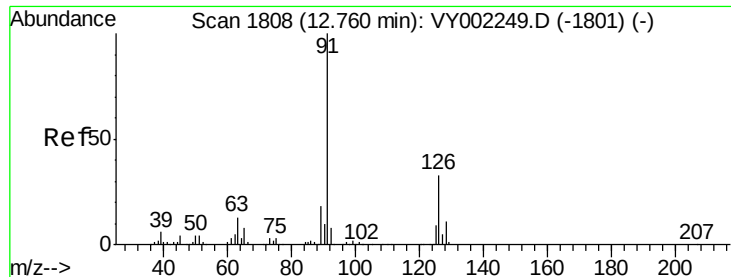
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

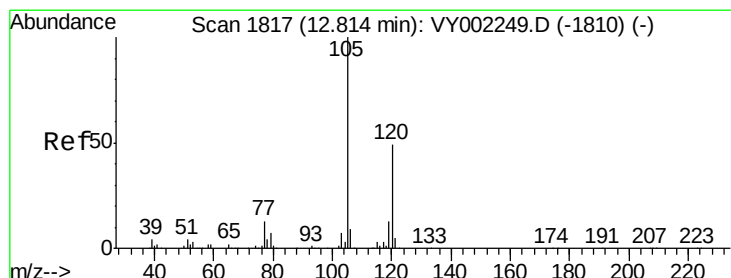
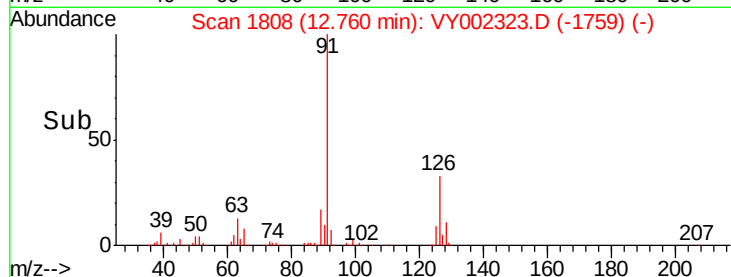
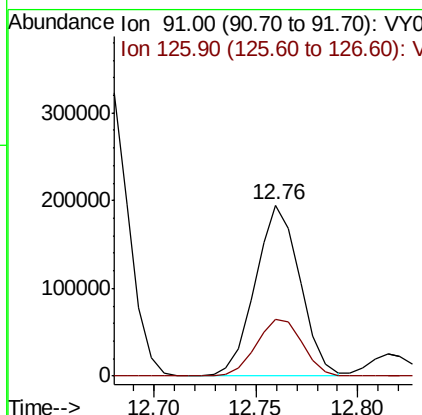
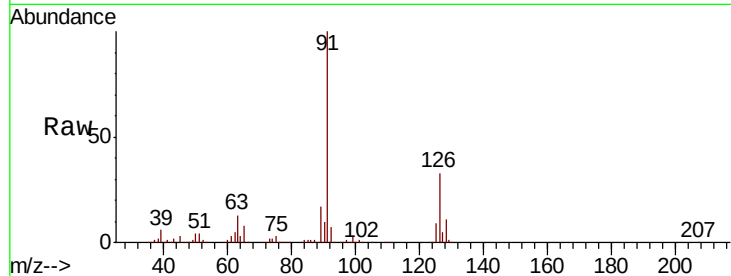




#79
 2-Chlorotoluene
 Concen: 53.393 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

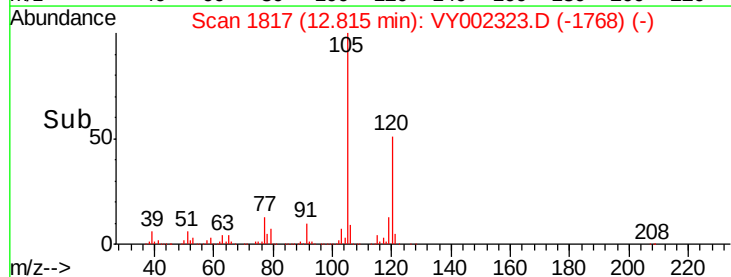
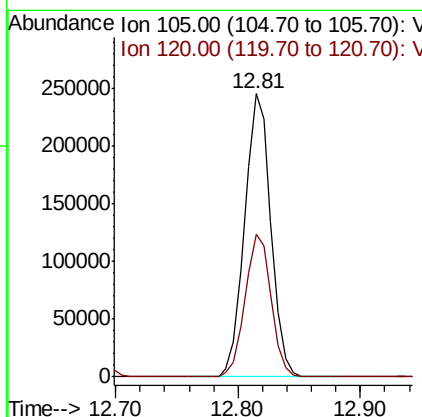
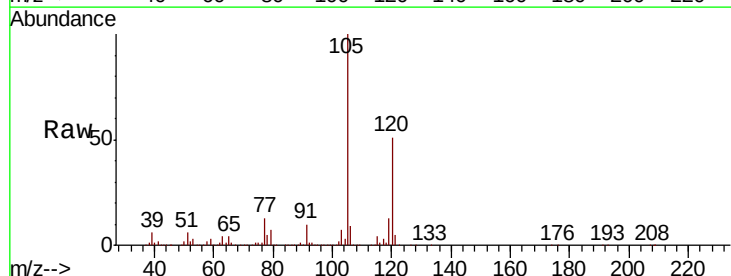
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

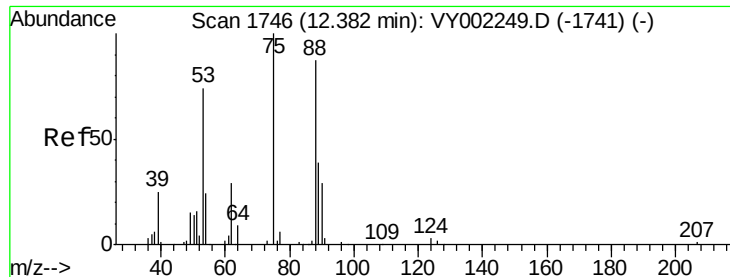
Tot Ion: 91 Resp: 296932
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.351 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 105 Resp: 363045
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.7 74.1

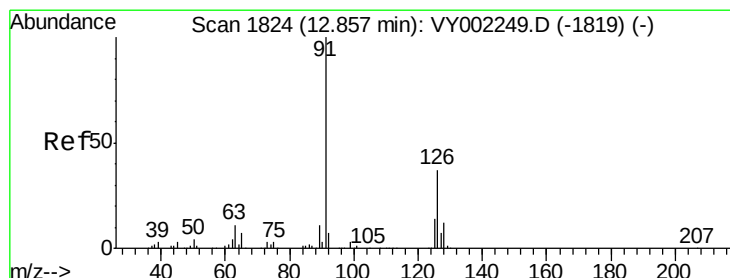
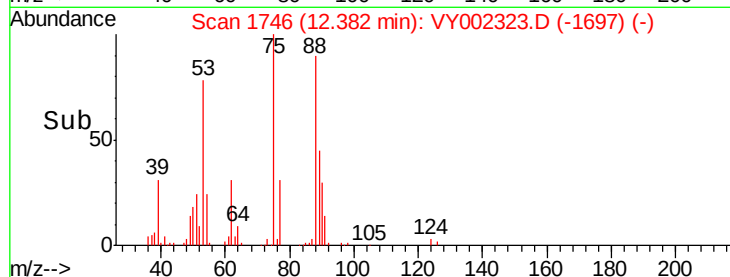
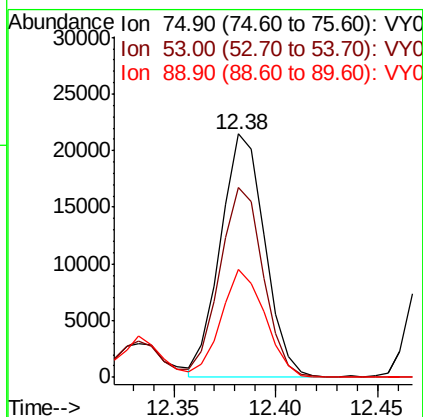
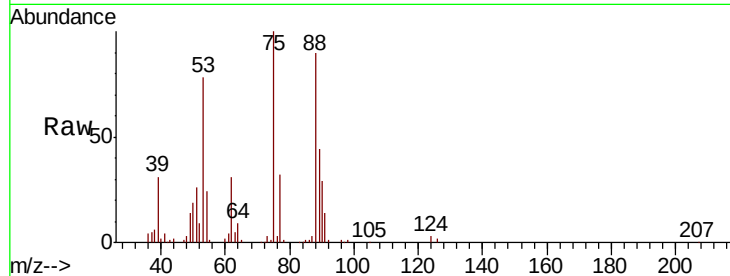




#81
trans-1,4-Dichloro-2-butene
Concen: 51.290 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

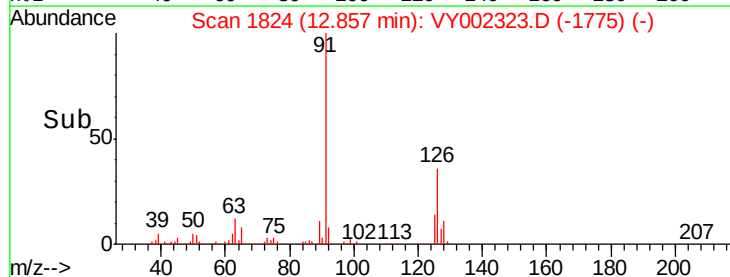
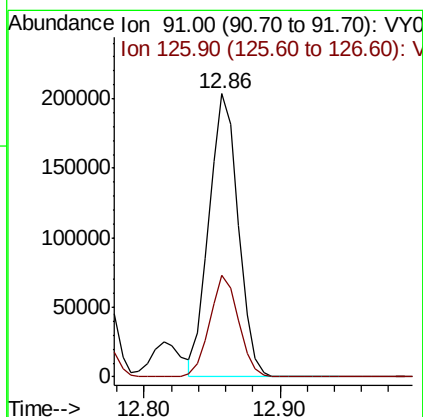
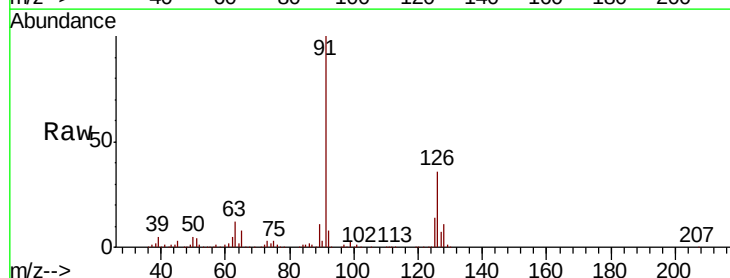
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

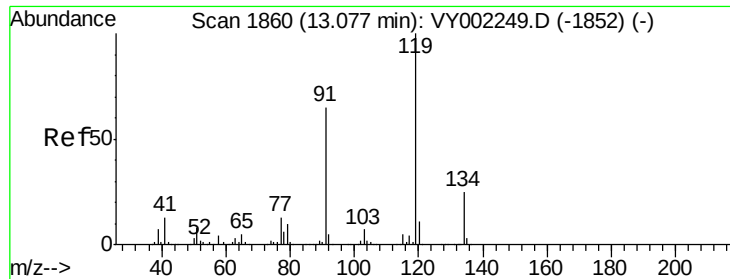
Tot Ion: 75 Resp: 32072
Ion Ratio Lower Upper
75 100
53 78.2 59.8 89.8
89 44.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.053 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 91 Resp: 303409
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.7

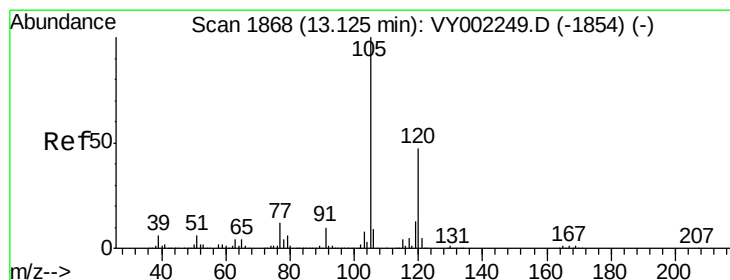
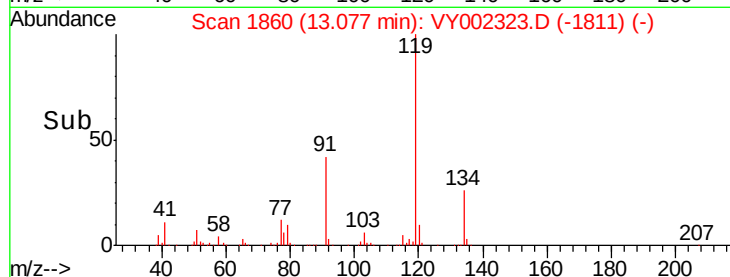
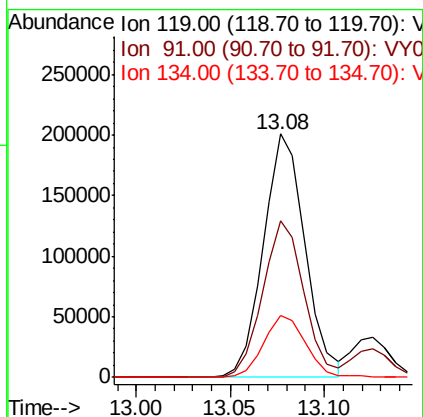
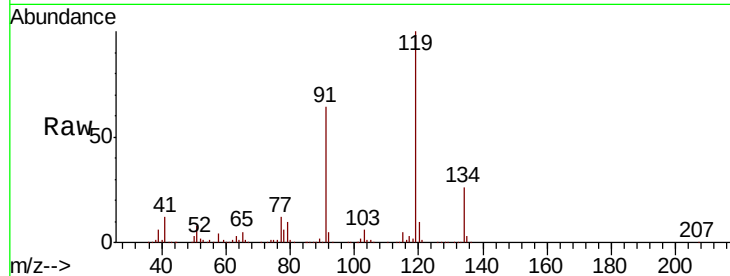




#83
 tert-Butylbenzene
 Concen: 54.049 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

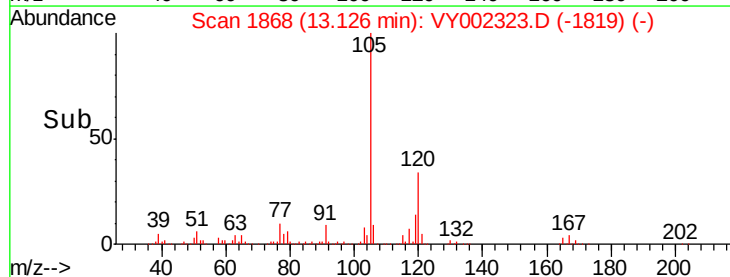
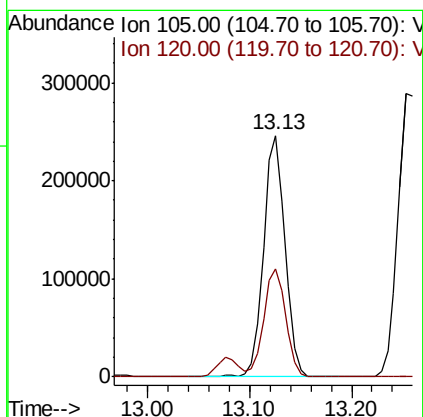
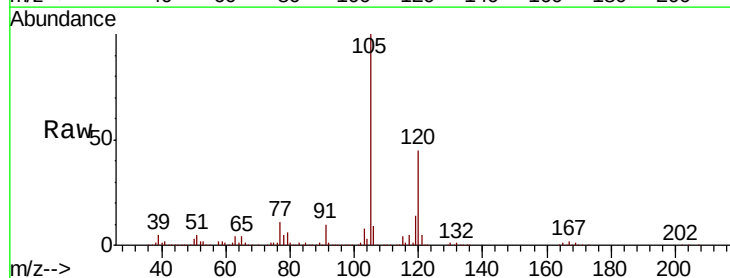
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

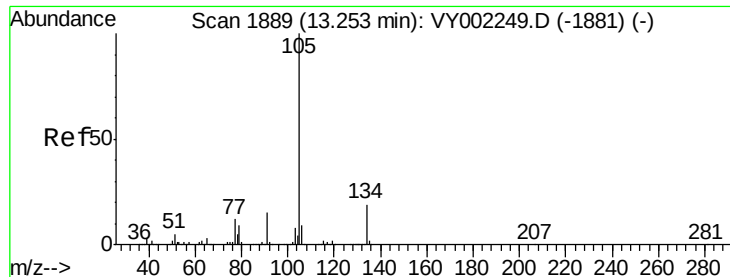
Tot Ion:119 Resp: 308076
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.4 97.0
 134 25.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.103 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion:105 Resp: 360845
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 52.515 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

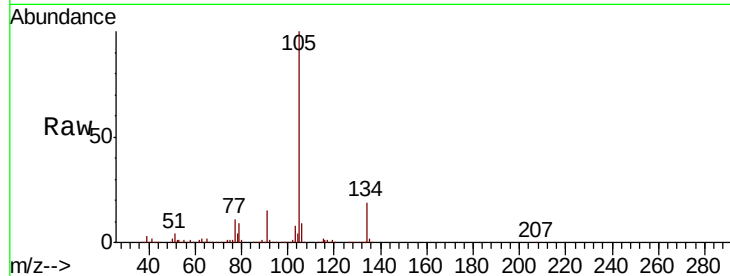
VSTDCCC050EC

Tot Ion:105 Resp: 445909

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

13.25

300000

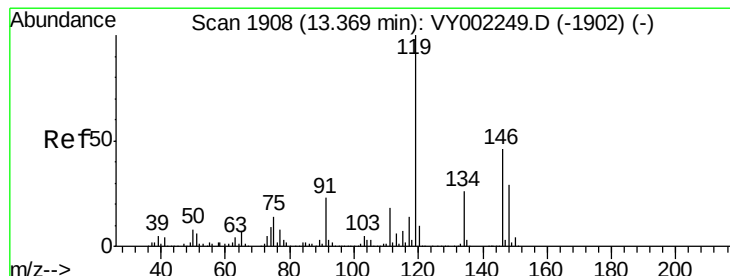
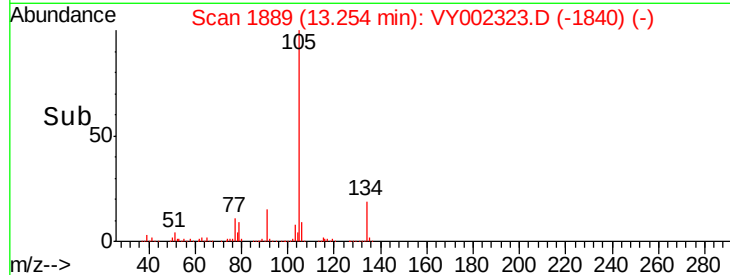
200000

100000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 52.331 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

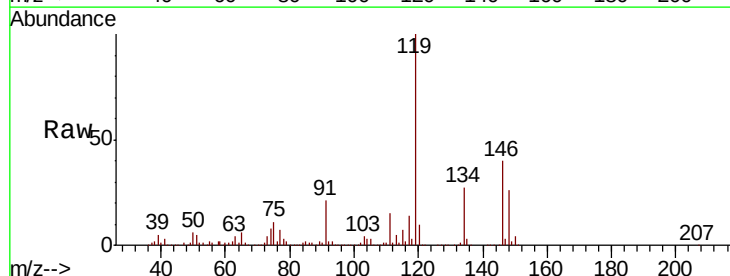
Tgt Ion:119 Resp: 382434

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

300000

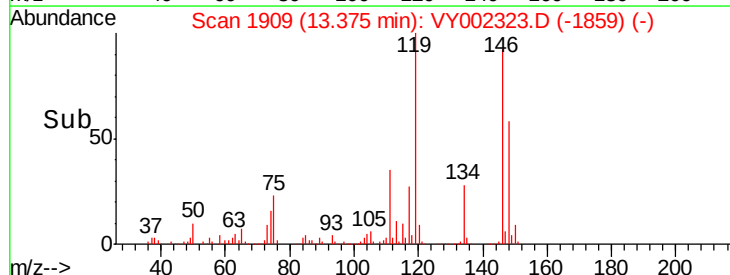
200000

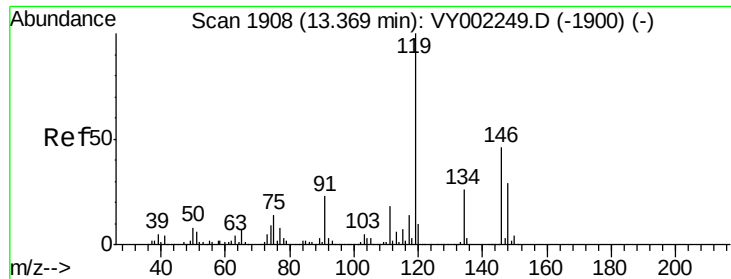
100000

0

Time-->

13.30 13.35 13.40 13.45

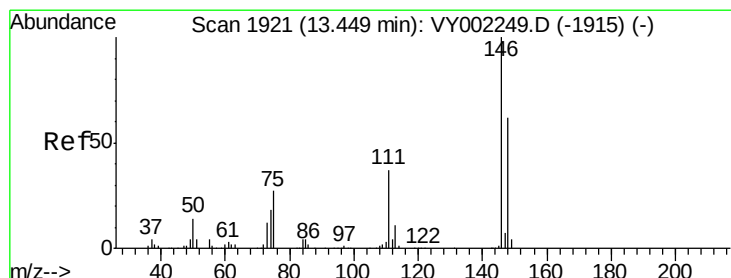
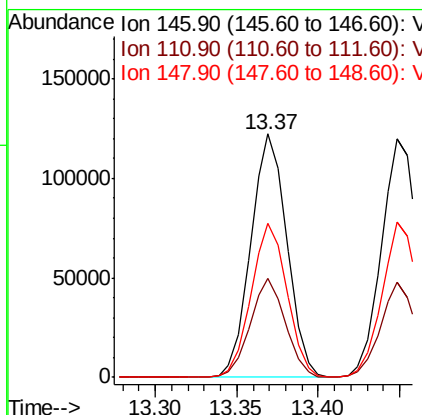
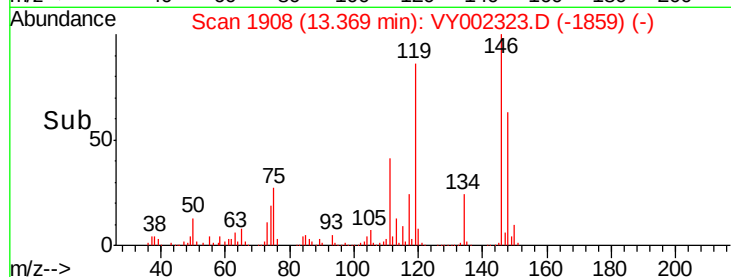
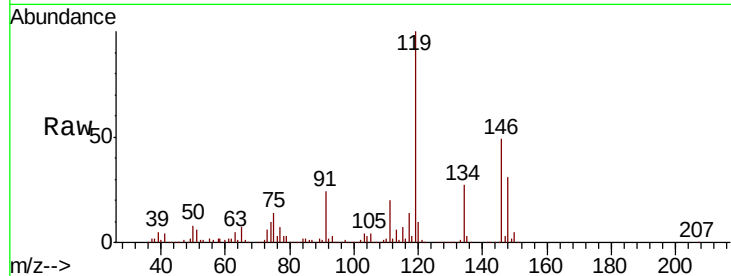




#87
 1,3-Dichlorobenzene
 Concen: 53.662 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

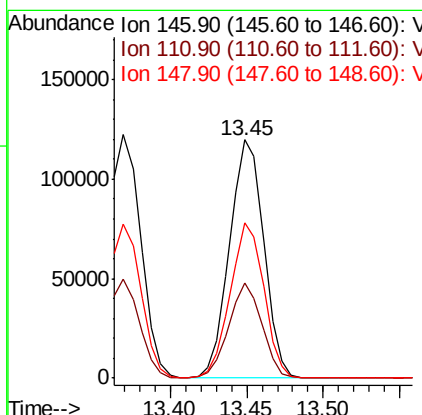
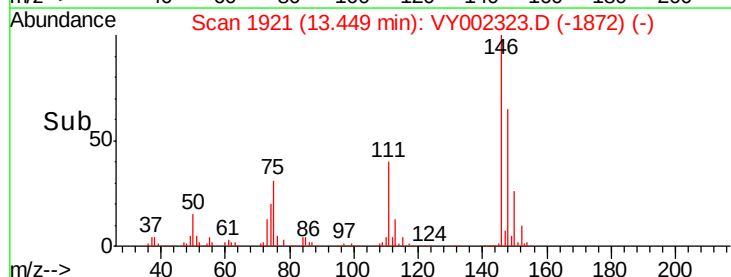
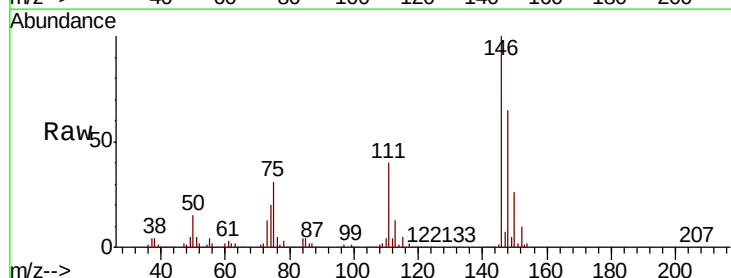
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

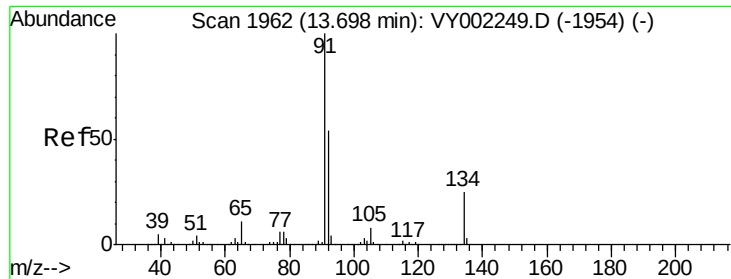
Tot Ion:146 Resp: 188262
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 62.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.230 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion:146 Resp: 186001
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.9 32.0 96.0

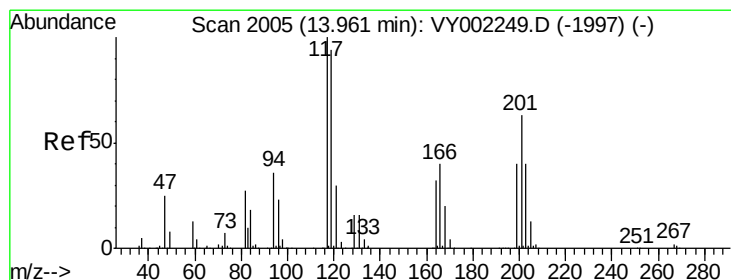
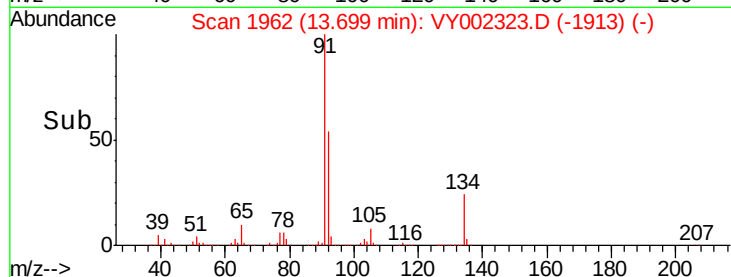
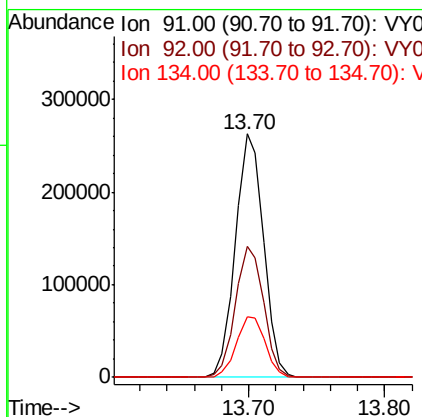
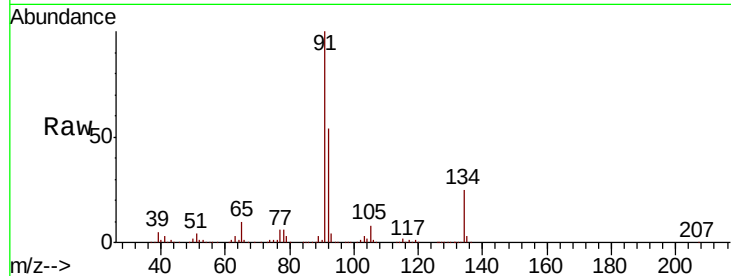




#89
n-Butylbenzene
Concen: 50.586 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

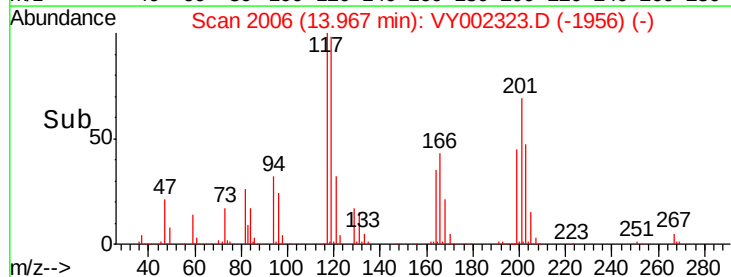
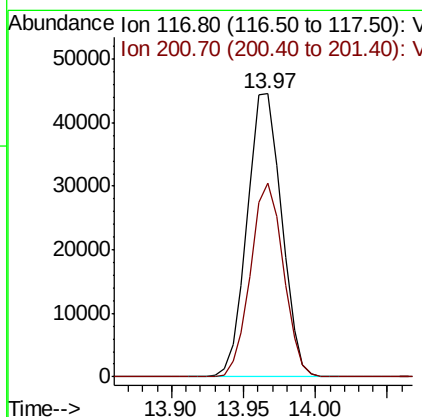
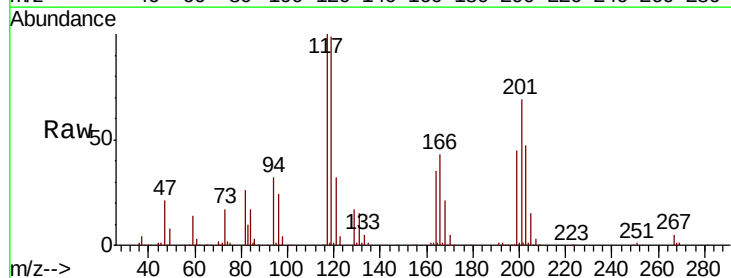
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

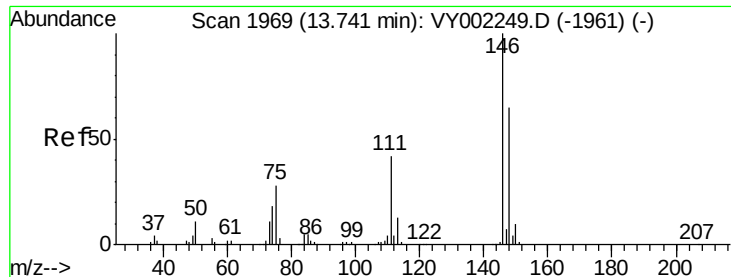
Tot Ion: 91 Resp: 378933
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 25.6 12.7 38.0



#90
Hexachloroethane
Concen: 52.972 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion: 117 Resp: 73768
Ion Ratio Lower Upper
117 100
201 65.5 33.1 99.2

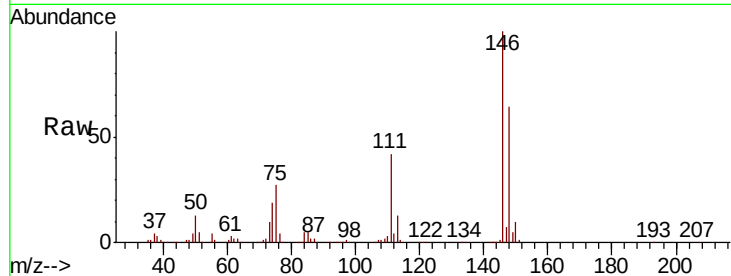




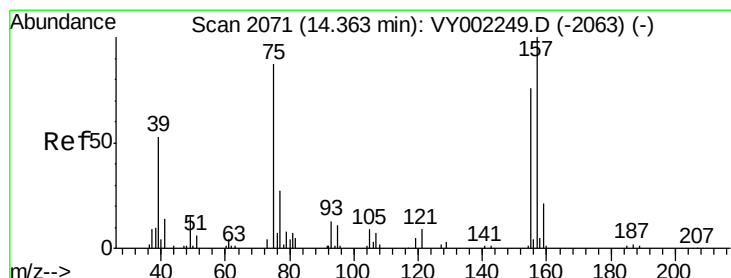
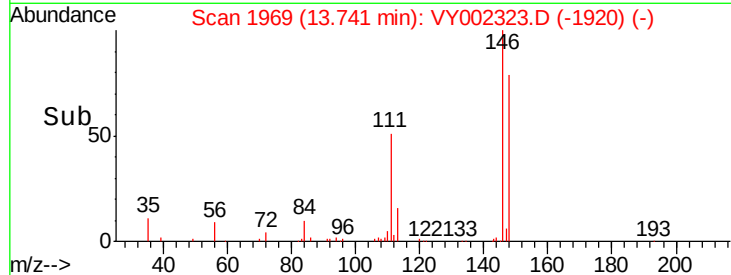
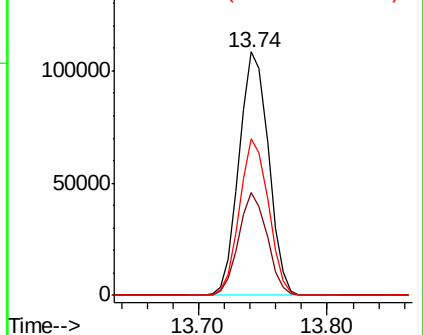
#91
 1,2-Dichlorobenzene
 Concen: 53.944 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 171967
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.1 63.1
 148 62.8 31.9 95.9

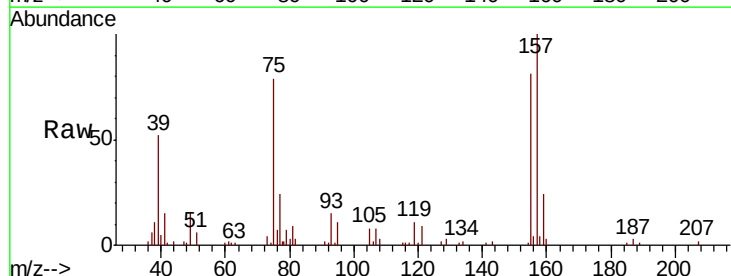


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

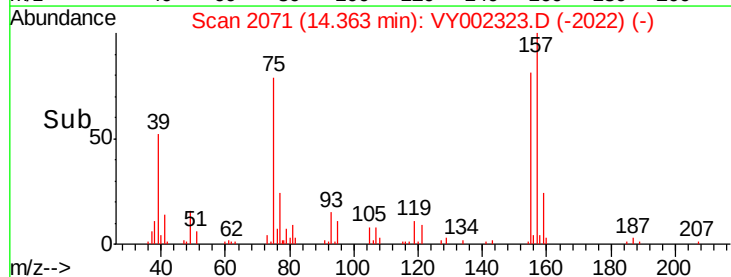
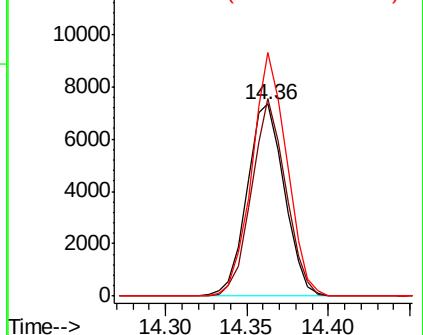


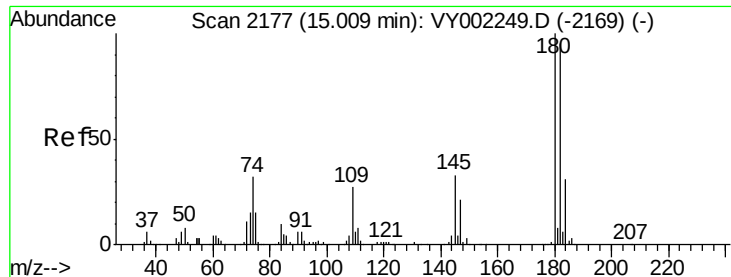
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.807 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion: 75 Resp: 11751
 Ion Ratio Lower Upper
 75 100
 155 93.7 43.6 130.8
 157 117.9 56.0 168.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

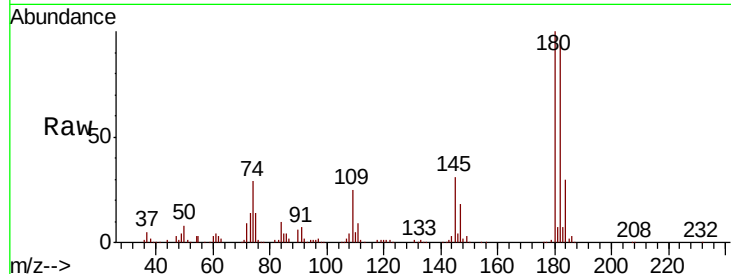




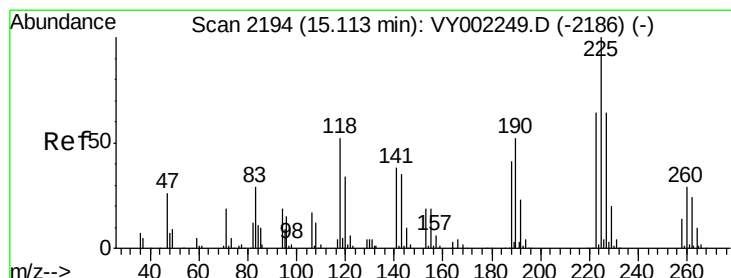
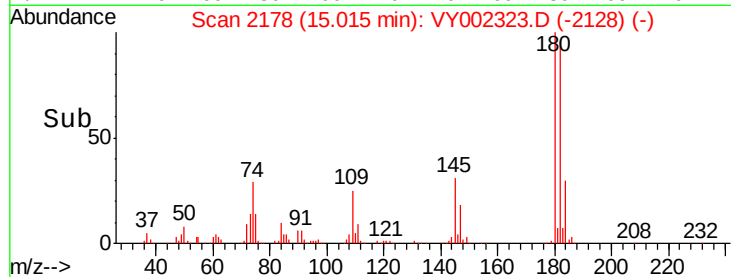
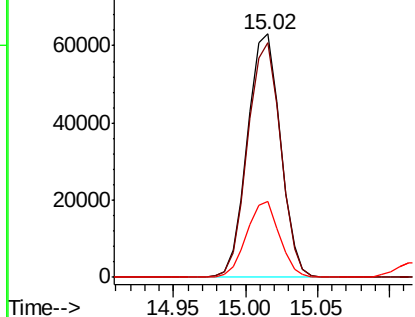
#93
 1,2,4-Trichlorobenzene
 Concen: 48.098 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 100221
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.7
 145 31.1 16.0 48.0

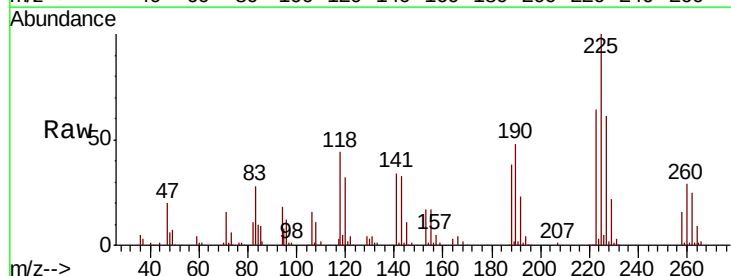


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

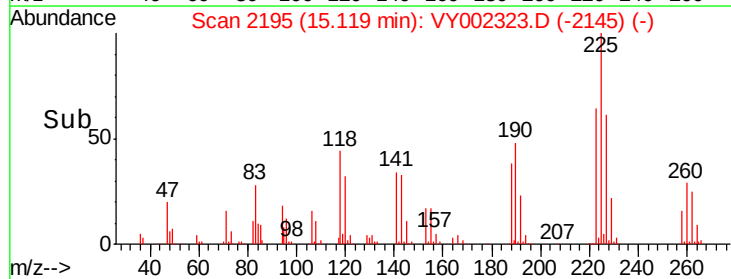
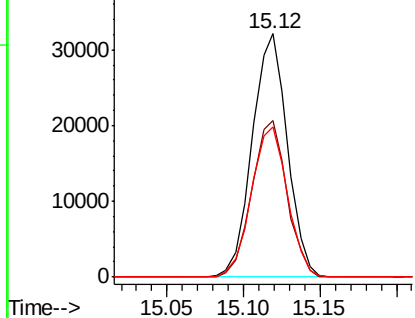


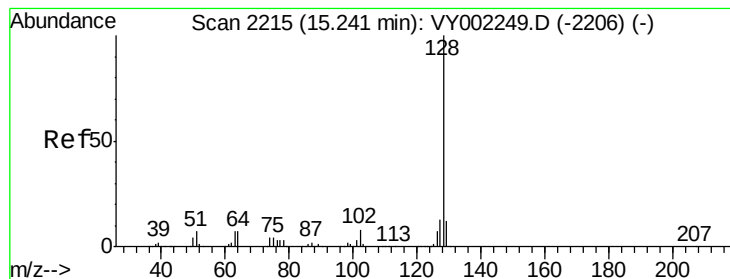
#94
 Hexachlorobutadiene
 Concen: 49.005 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Tgt Ion:225 Resp: 51430
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.0 93.0
 227 63.2 31.3 93.9



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: 50.798 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

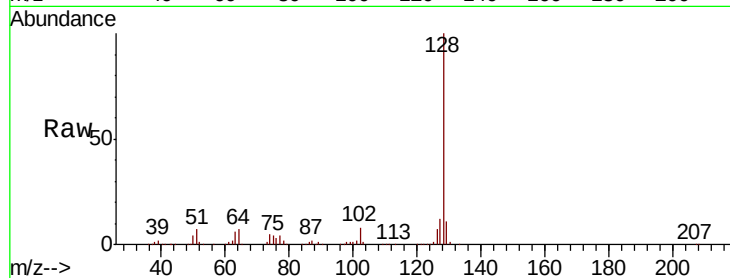
Tot Ion:128 Resp: 231759

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

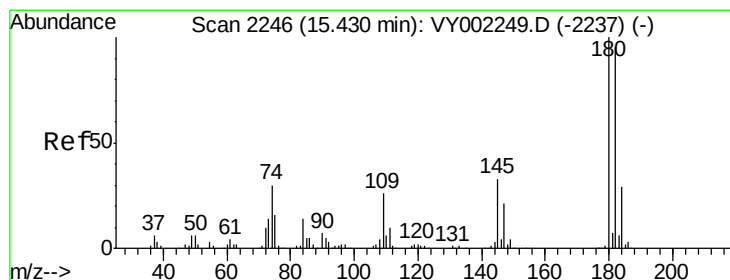
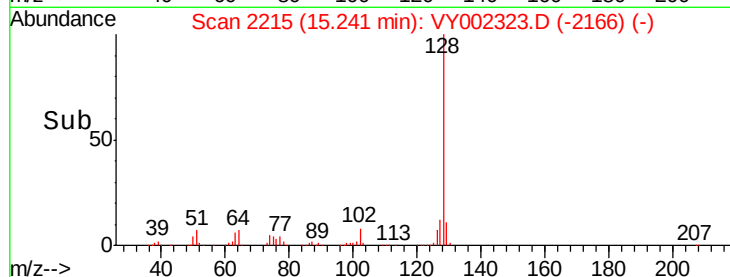
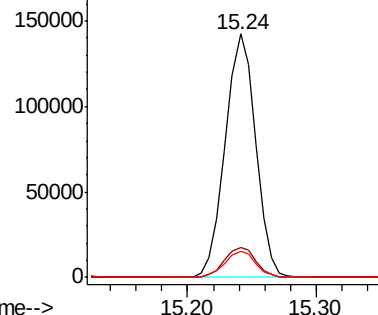
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.512 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

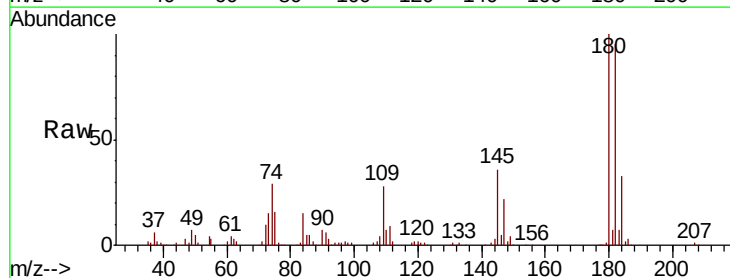
Tgt Ion:180 Resp: 87774

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 33.5 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

