

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 :

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

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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

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Response via : Initial Calibration

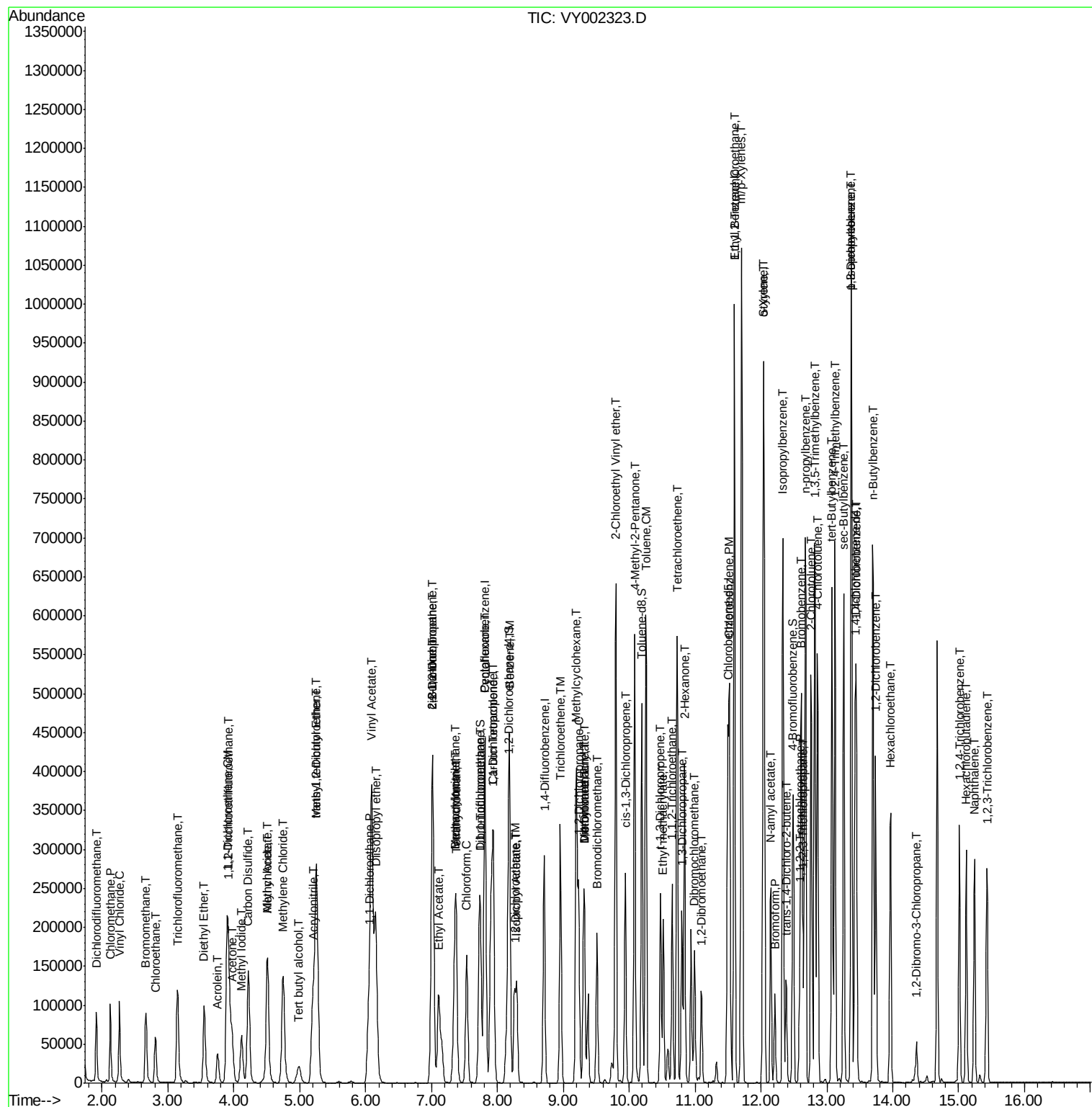
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100221	48.098	ug/l	99
94) Hexachlorobutadiene	15.12	225	51430	49.005	ug/l	98
95) Naphthalene	15.24	128	231759	50.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	87774	48.512	ug/l	99

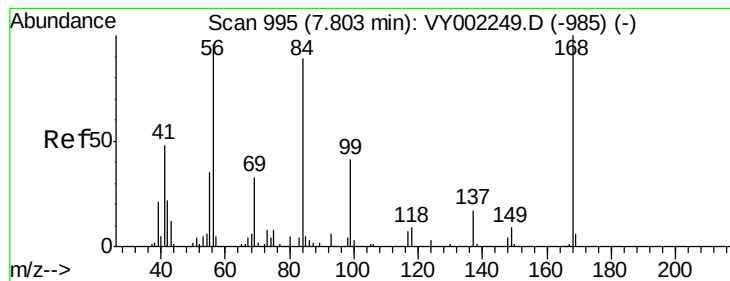
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

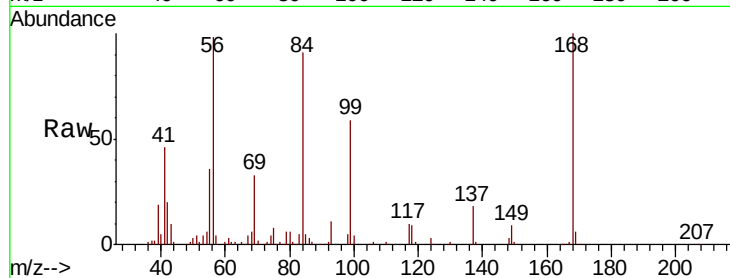
ClientSampleId :

Tot Ion:168 Resp: 142487

Ion Ratio Lower Upper

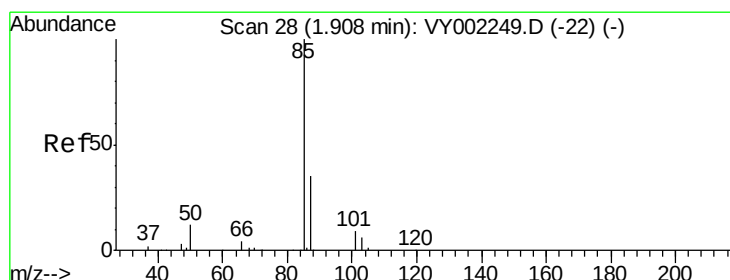
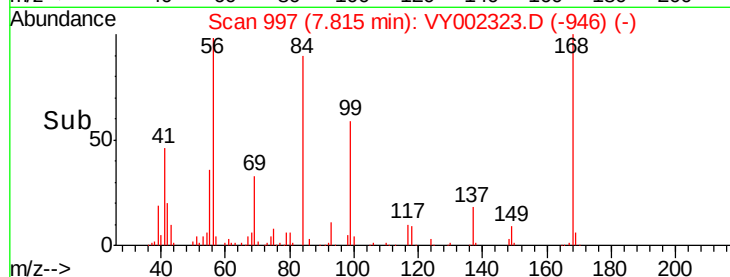
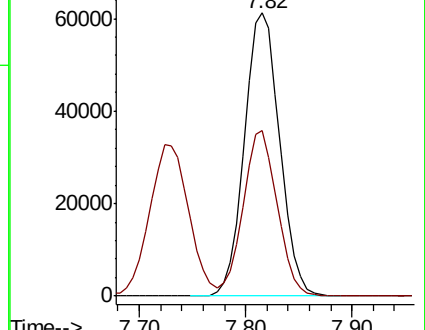
168 100

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

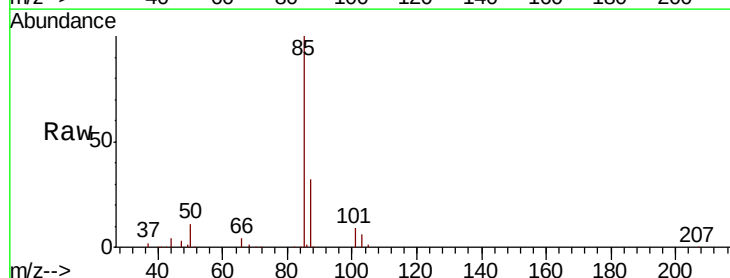
Acq: 14 Apr 2020 20:38

Tgt Ion: 85 Resp: 73355

Ion Ratio Lower Upper

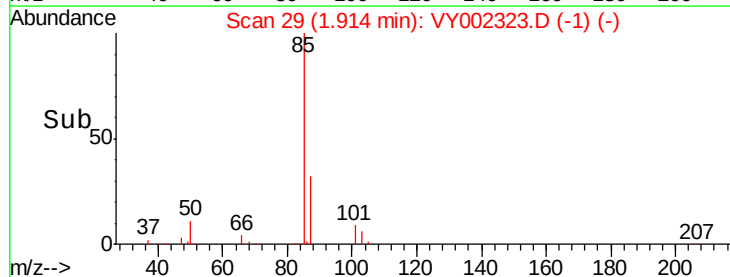
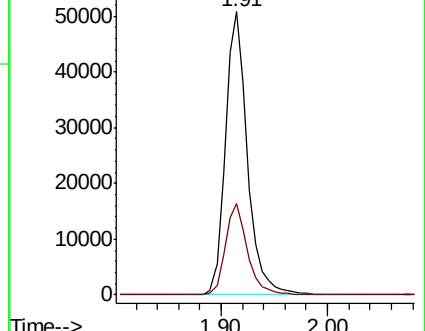
85 100

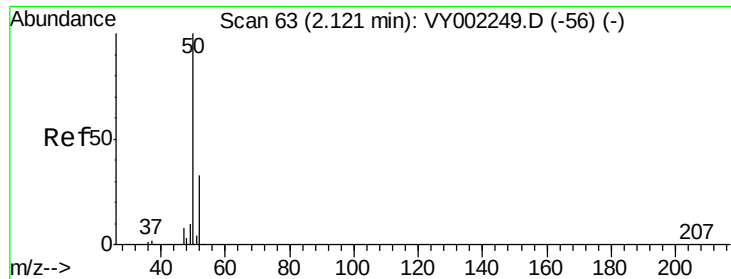
87 32.2 17.3 51.9



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

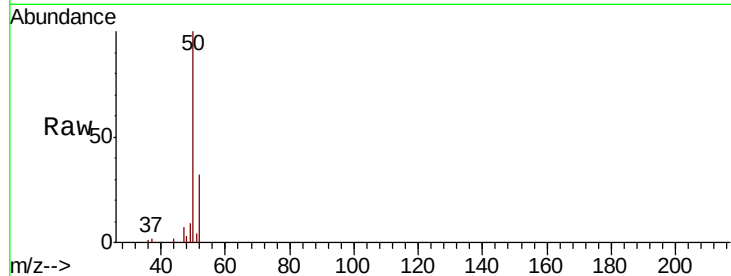
ClientSampleId :

Tot Ion: 50 Resp: 94350

Ion Ratio Lower Upper

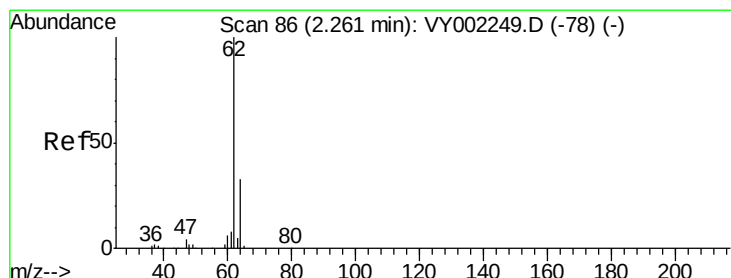
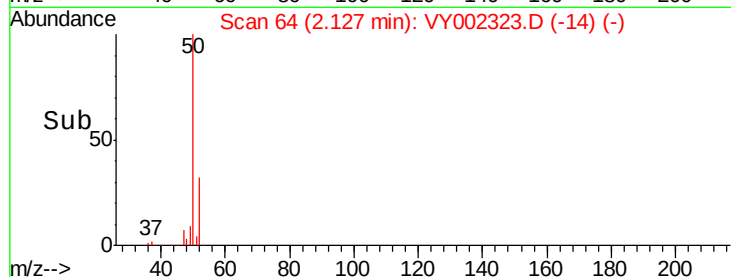
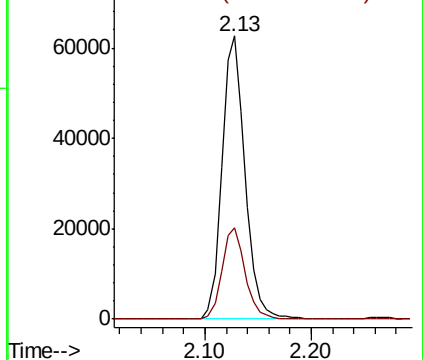
50 100

52 32.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.163 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY002323.D

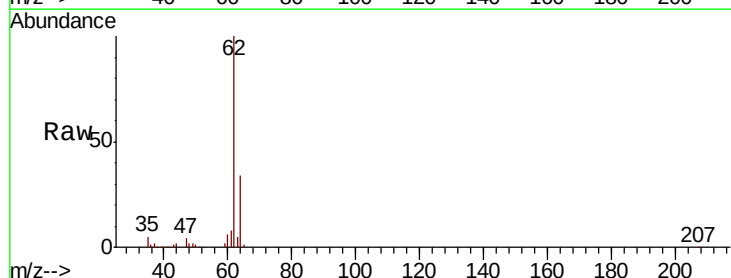
Acq: 14 Apr 2020 20:38

Tgt Ion: 62 Resp: 98698

Ion Ratio Lower Upper

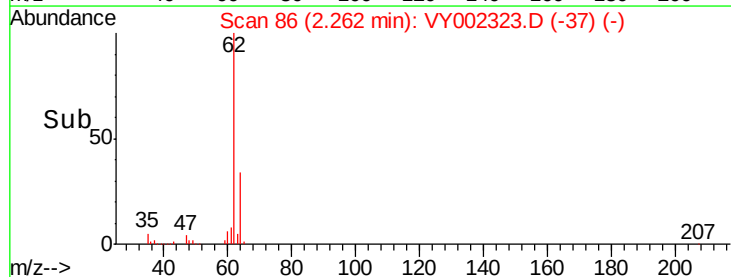
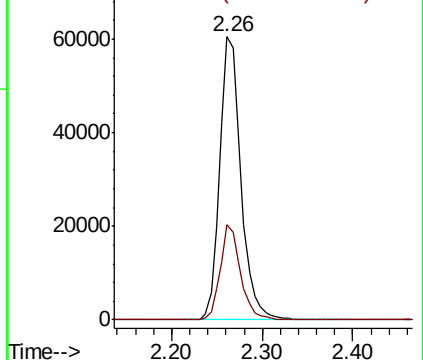
62 100

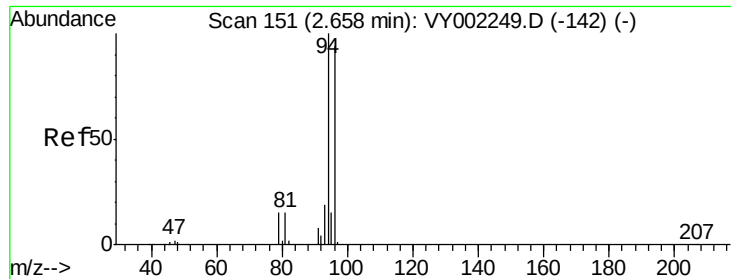
64 33.5 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#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

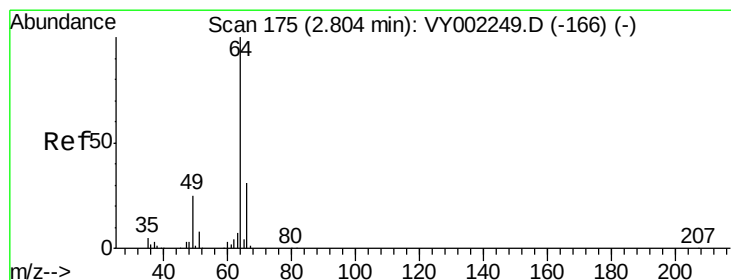
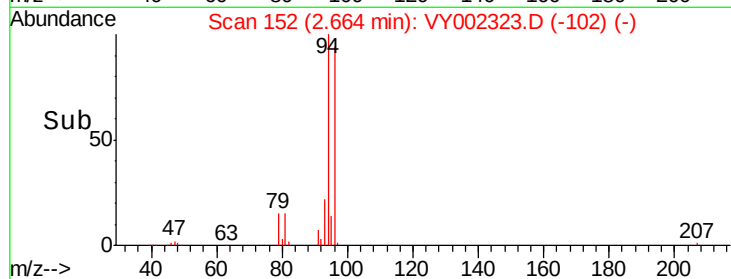
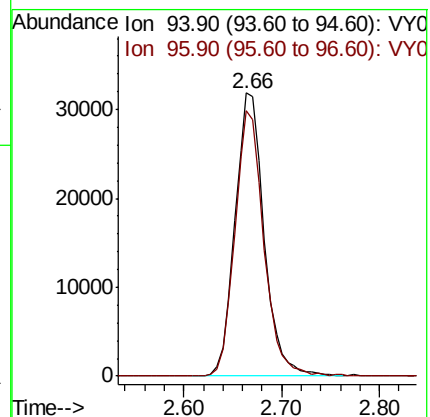
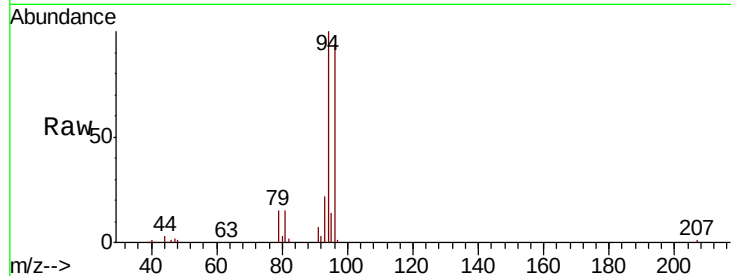
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 65591

Ion Ratio Lower Upper

94 100

96 93.7 75.6 113.4



#6

Chloroethane

Concen: 53.231 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002323.D

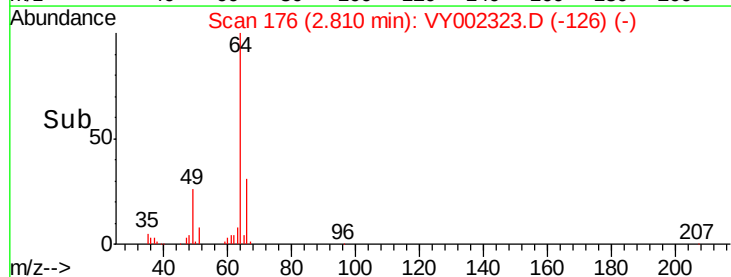
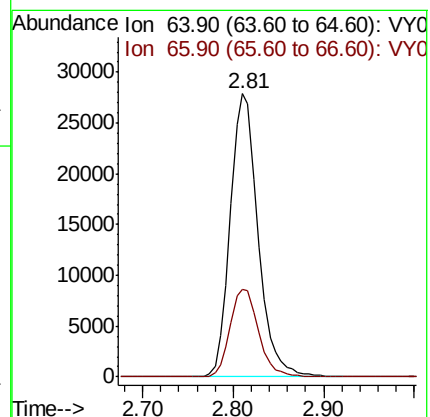
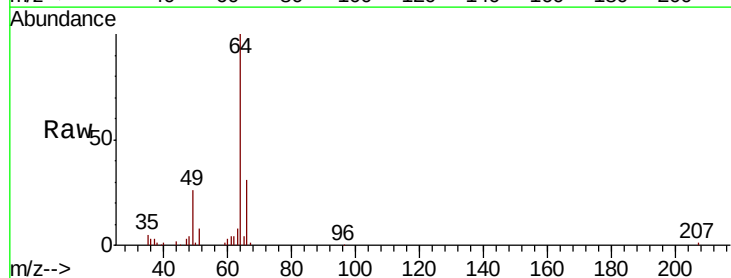
Acq: 14 Apr 2020 20:38

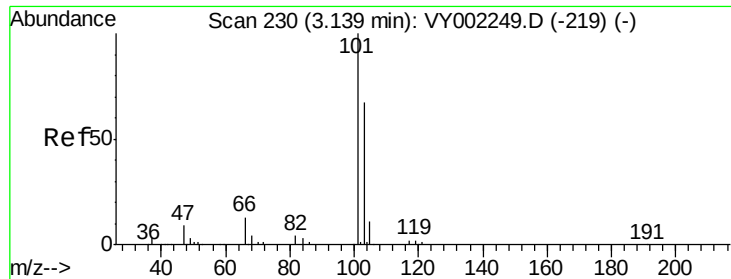
Tgt Ion: 64 Resp: 59221

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0



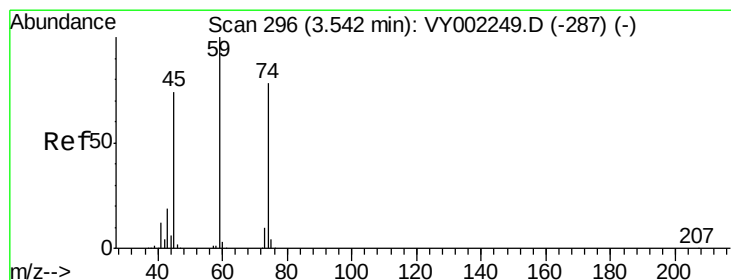
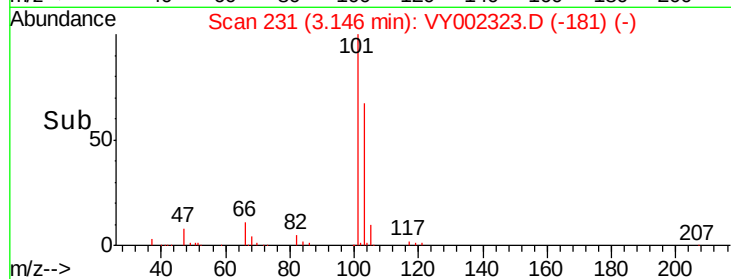
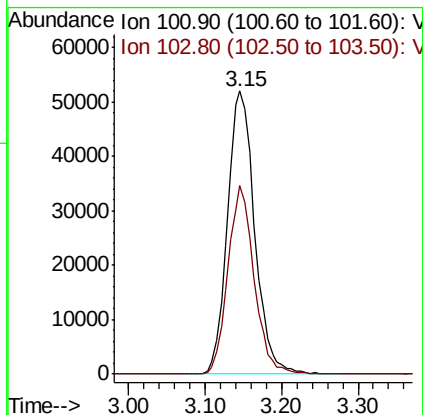
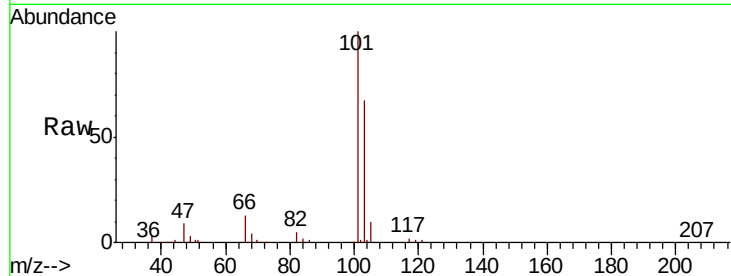


#7

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
ClientSampled :

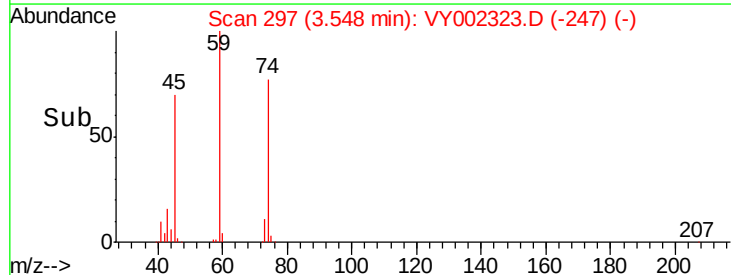
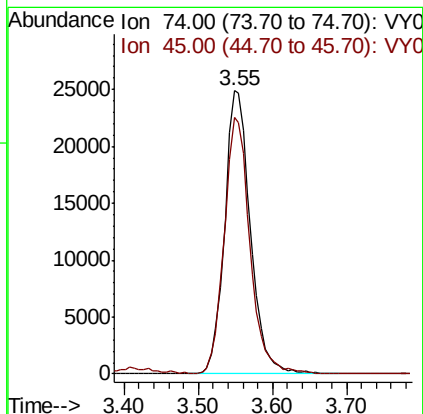
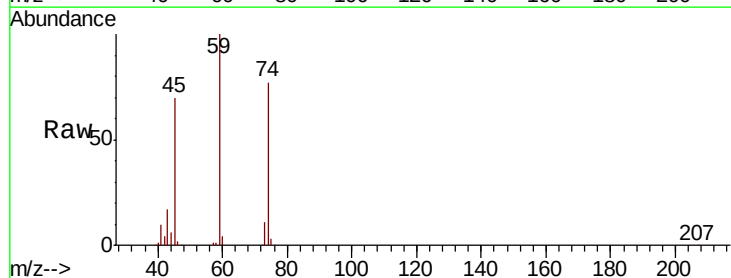
Tot Ion:101 Resp: 127756
Ion Ratio Lower Upper
101 100
103 66.5 53.3 79.9

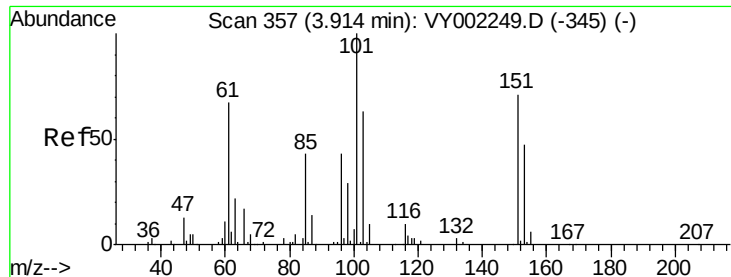


#8

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

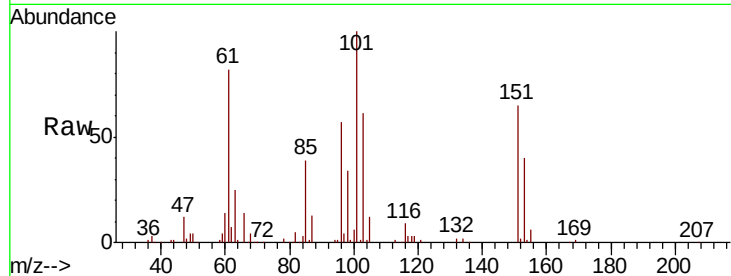




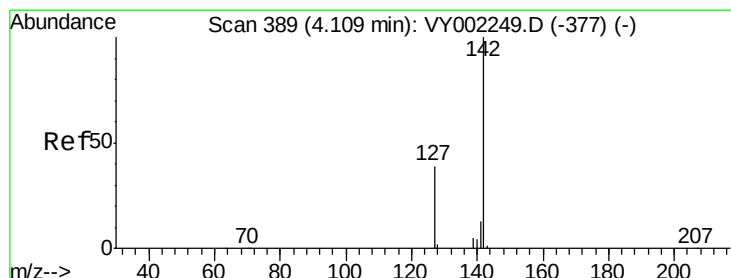
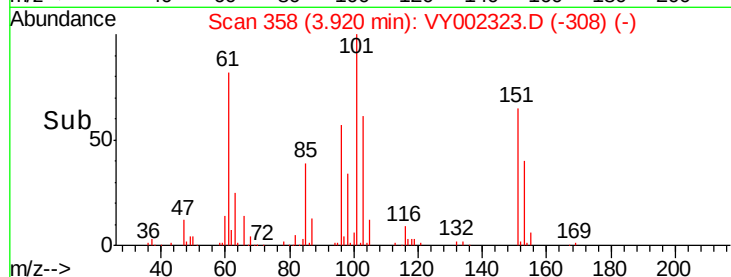
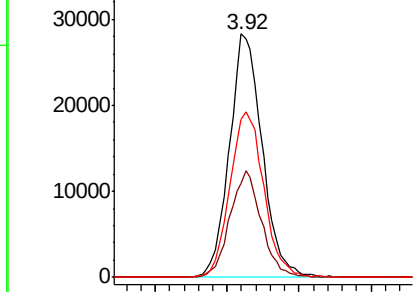
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.781 ug/l
RT: 3.92 min Scan# 358
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.1	34.6	52.0
151	70.4	57.6	86.4

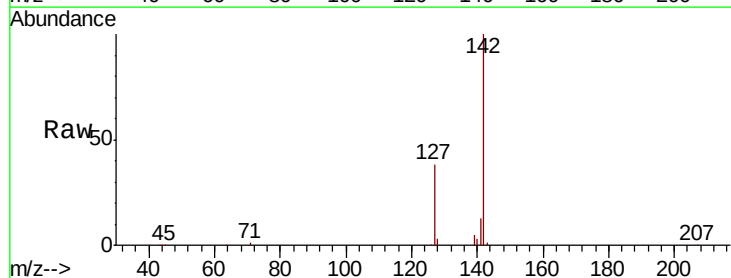


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V

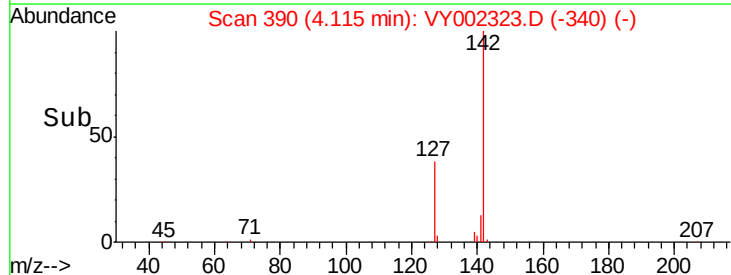
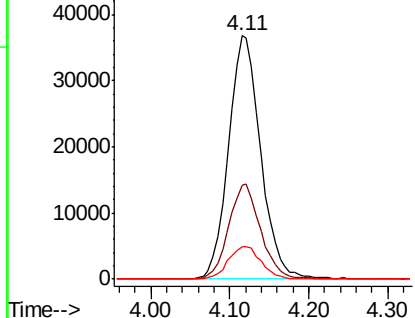


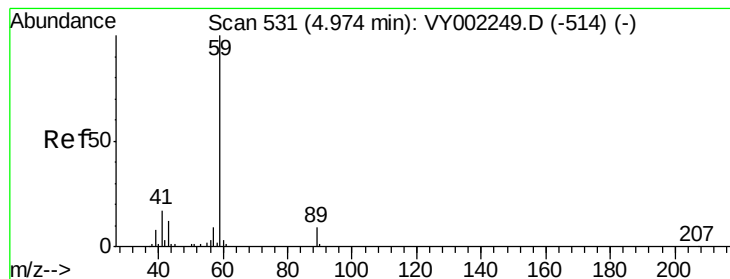
#10
Methyl Iodide
Concen: 53.018 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion	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

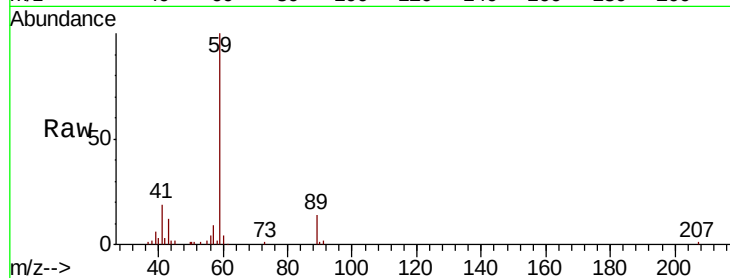
ClientSampleId :

Tot Ion: 59 Resp: 46128

Ion Ratio Lower Upper

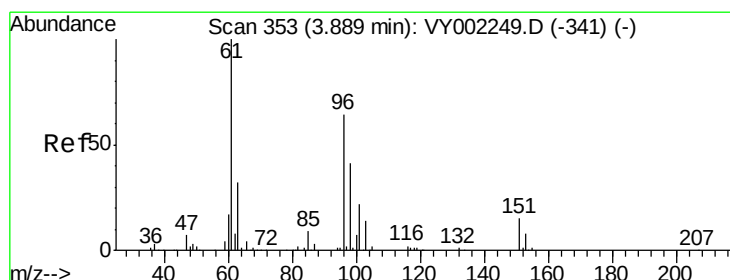
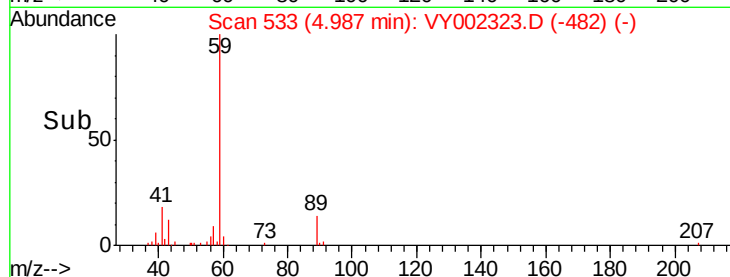
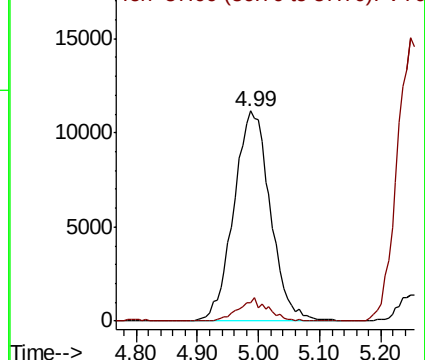
59 100

57 8.6 6.6 9.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#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

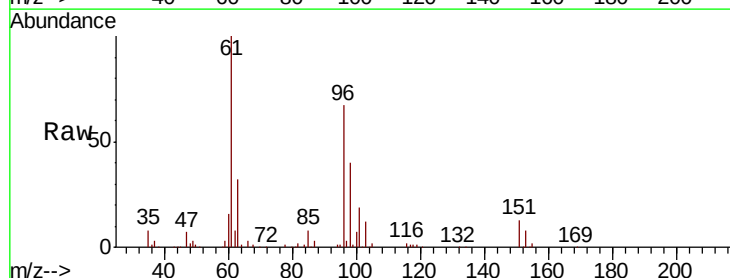
Tgt Ion: 96 Resp: 92764

Ion Ratio Lower Upper

96 100

61 149.9 125.9 188.9

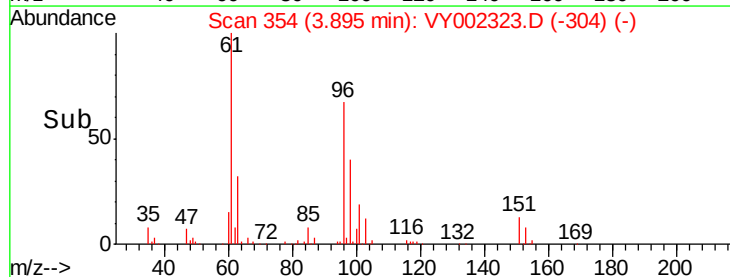
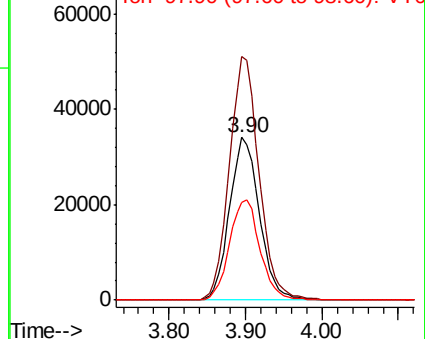
98 60.4 51.1 76.7

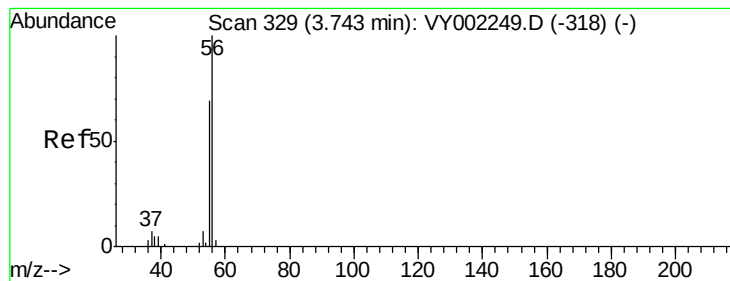


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#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

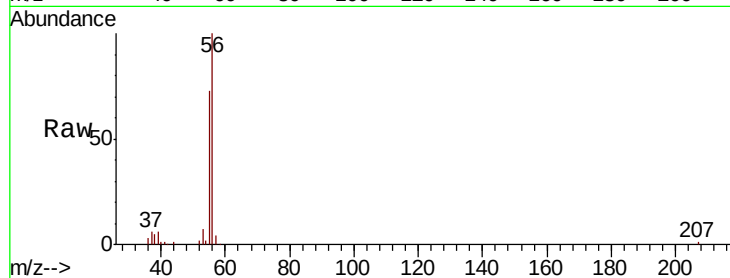
ClientSampleId :

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

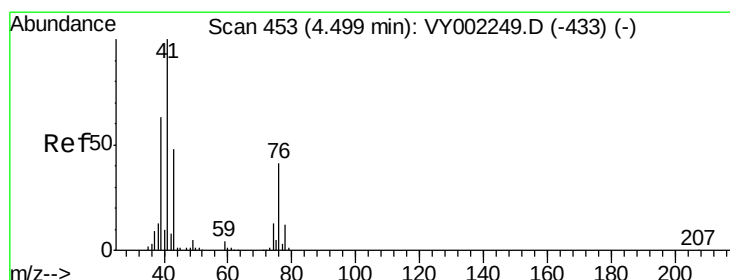
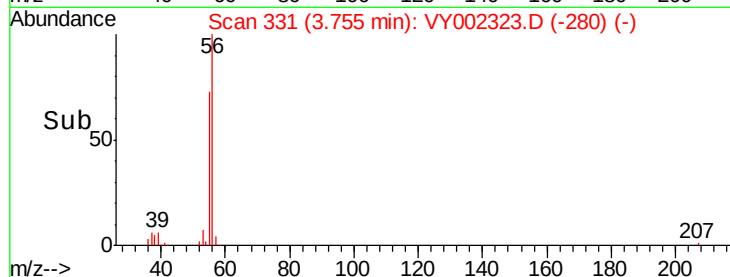
10000

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

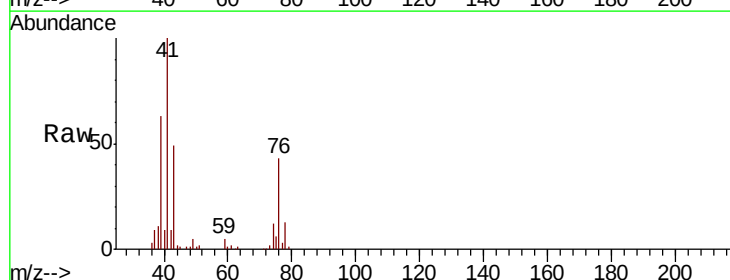
Tgt Ion: 41 Resp: 143651

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

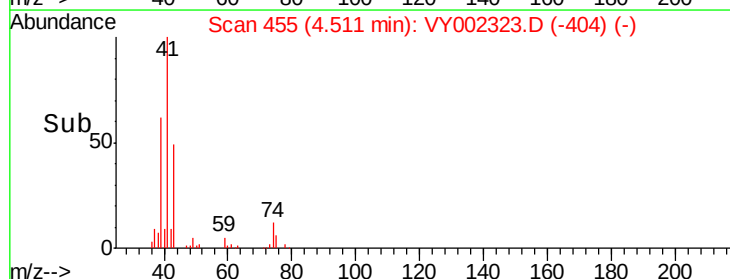
40000

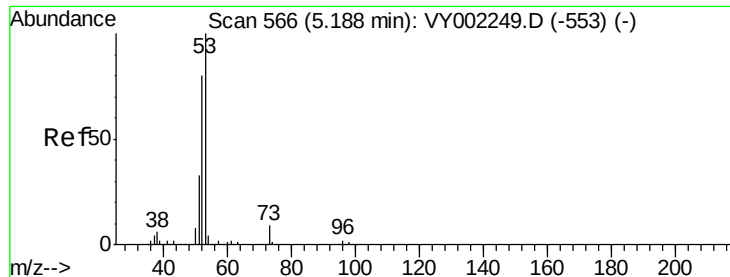
20000

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 :

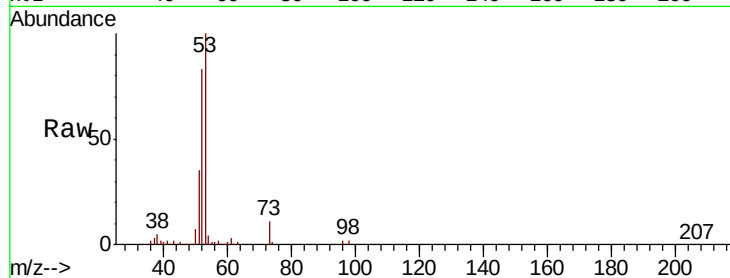
Tot Ion: 53 Resp: 146529

Ion Ratio Lower Upper

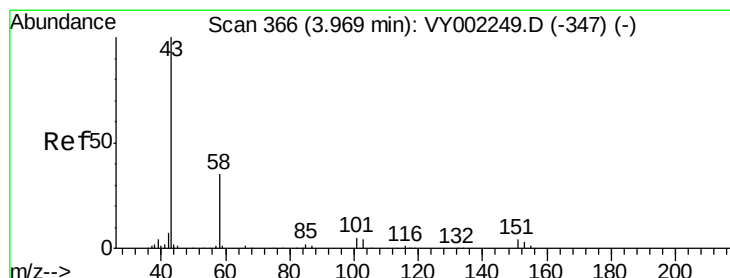
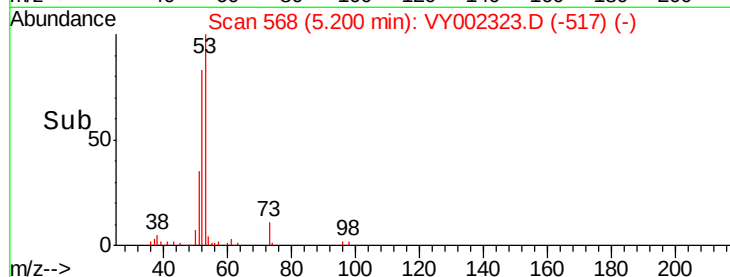
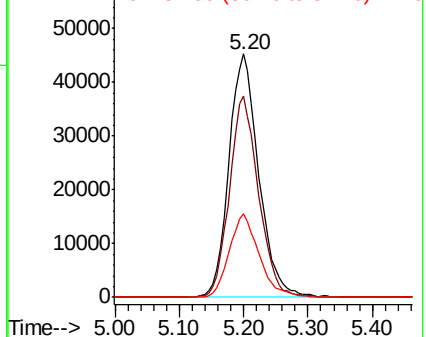
53 100

52 80.4 65.1 97.7

51 34.5 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 221.503 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002323.D

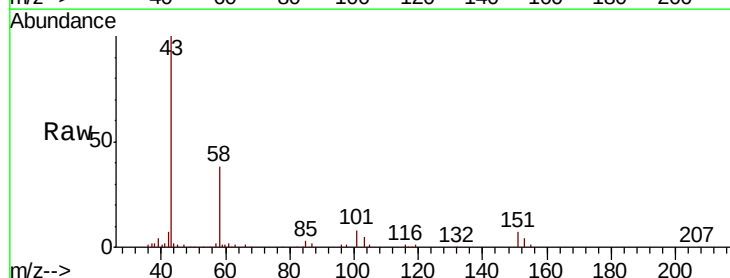
Acq: 14 Apr 2020 20:38

Tgt Ion: 43 Resp: 92443

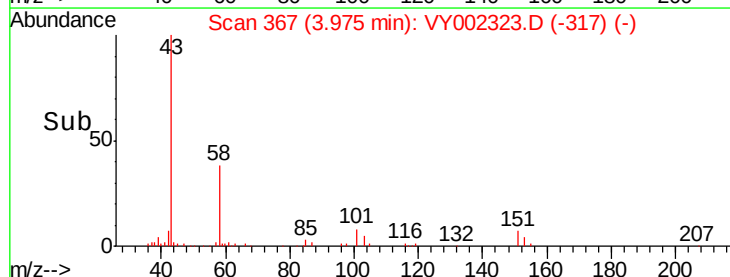
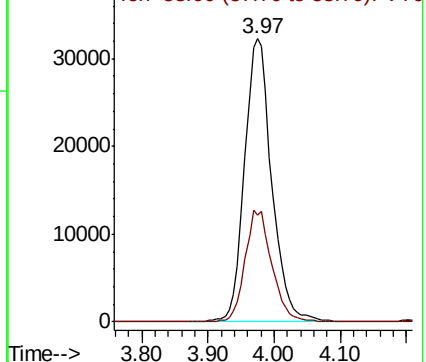
Ion Ratio Lower Upper

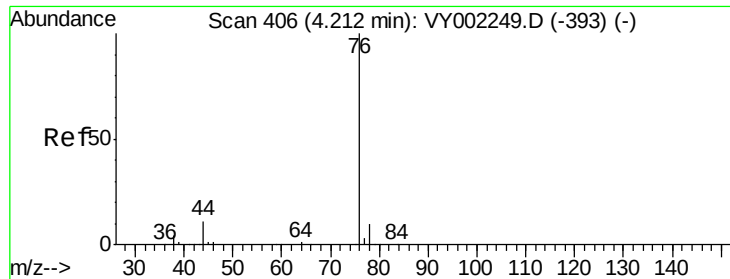
43 100

58 37.8 28.5 42.7



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

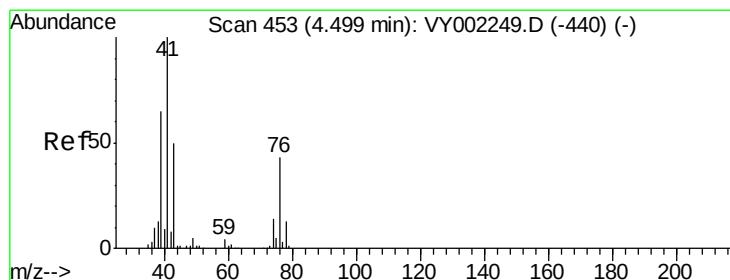
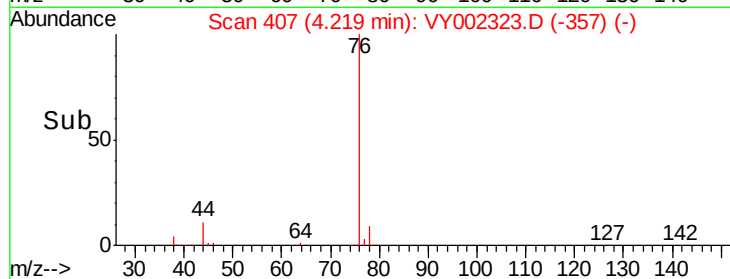
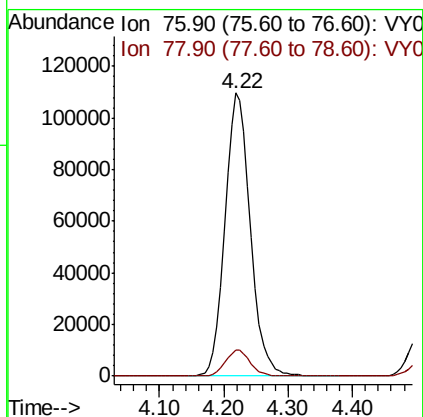
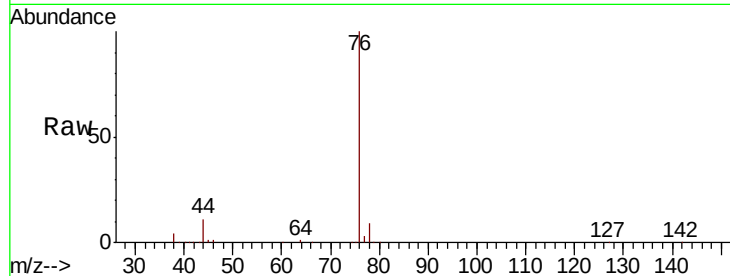




#17
Carbon Disulfide
Concen: 52.993 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

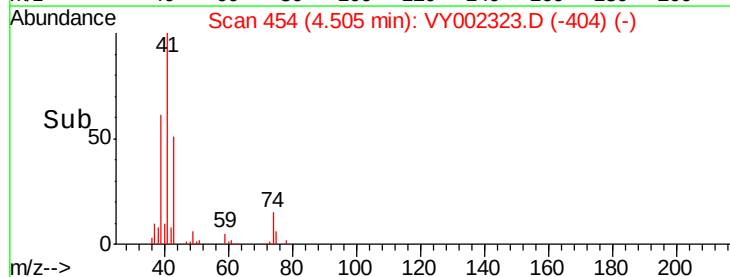
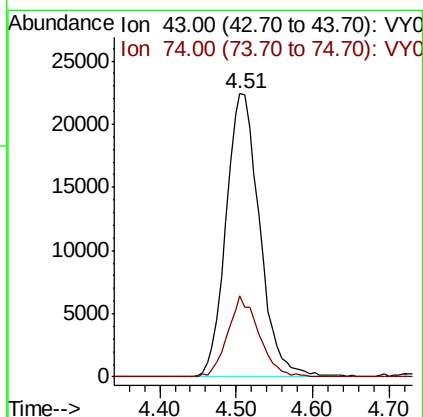
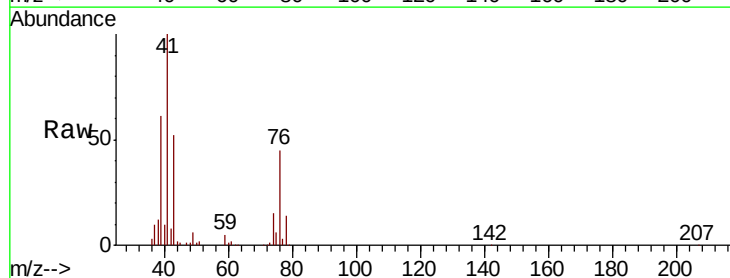
Instrument :
MSVOA_Y
ClientSampleId :

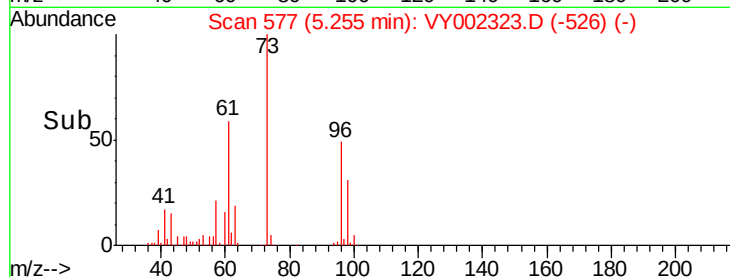
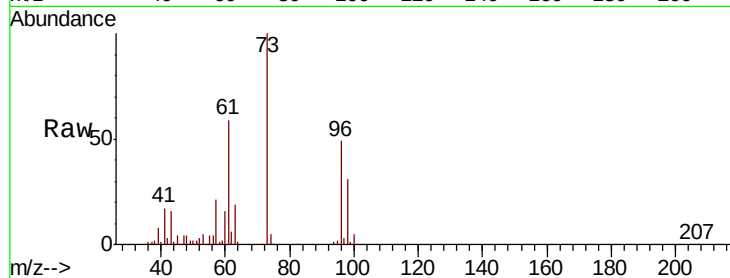
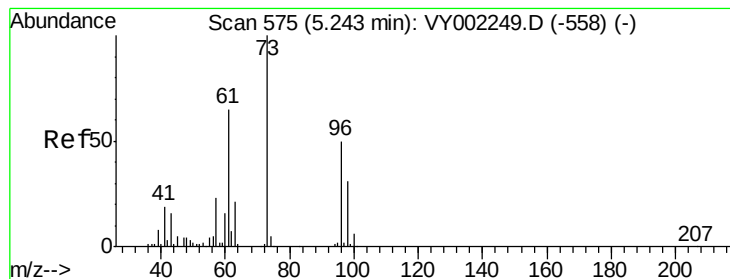
Tot Ion: 76 Resp: 302795
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#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



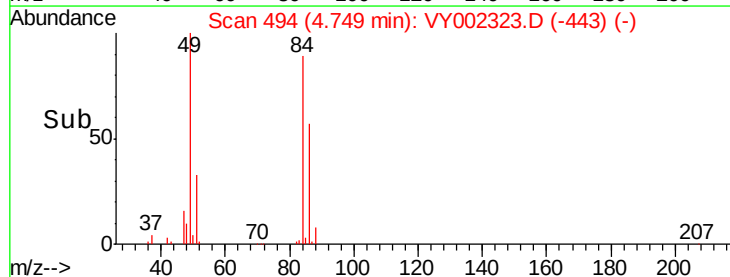
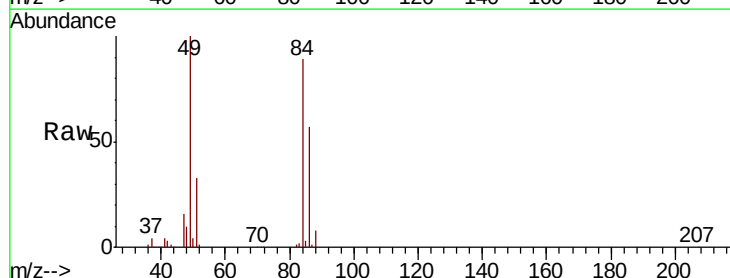
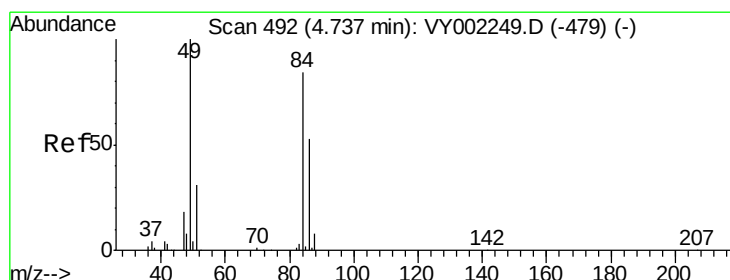
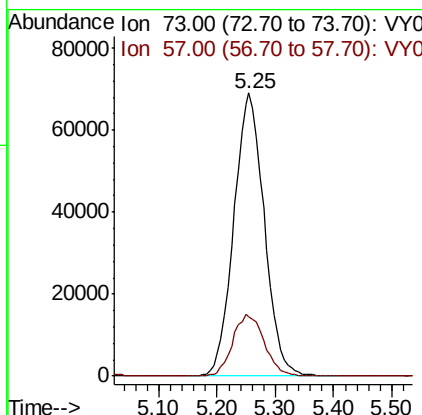


#19

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 :

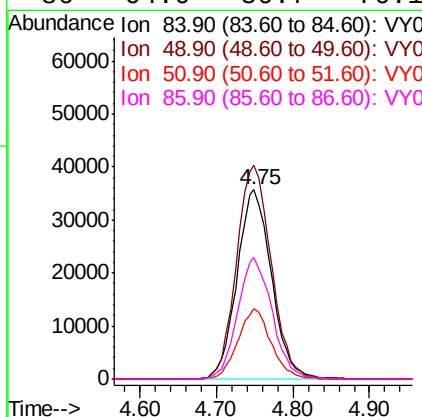
Tot Ion: 73 Resp: 250552
Ion Ratio Lower Upper
73 100
57 21.1 18.7 28.1

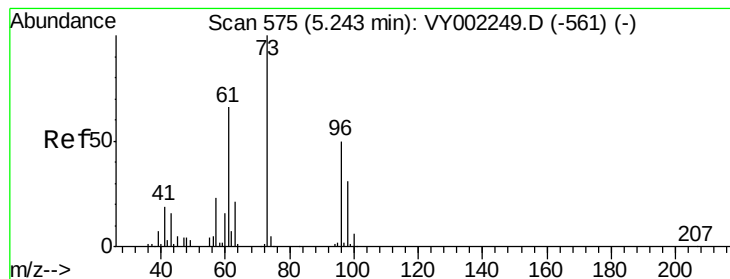


#20

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

ClientSampled :

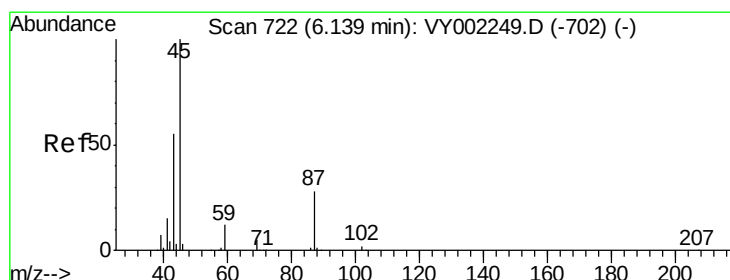
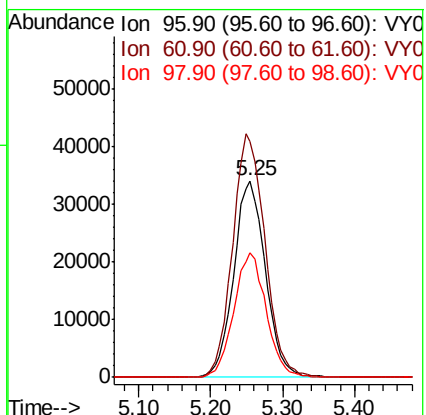
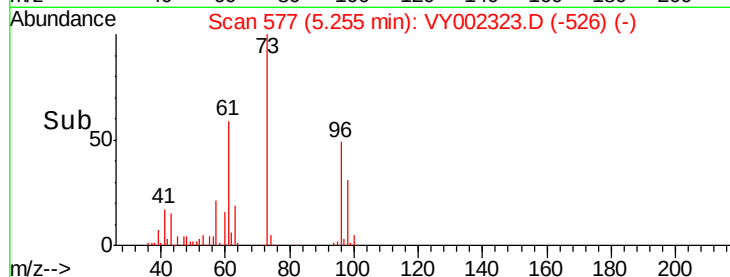
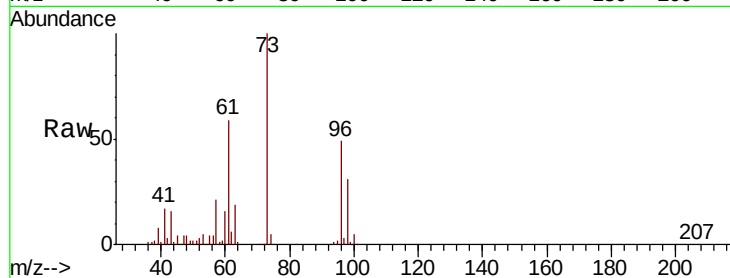
Tot Ion: 96 Resp: 104433

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

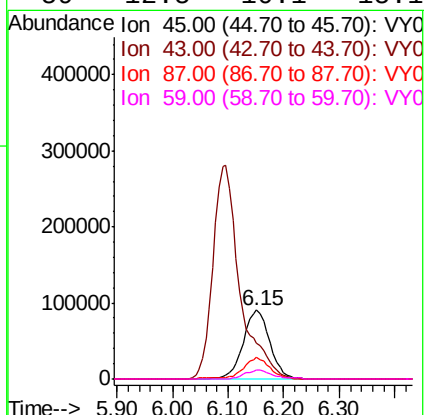
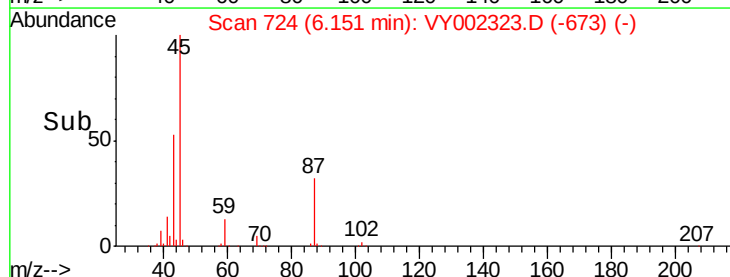
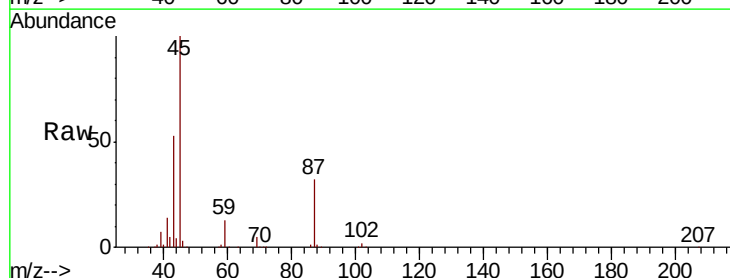
Ion Ratio Lower Upper

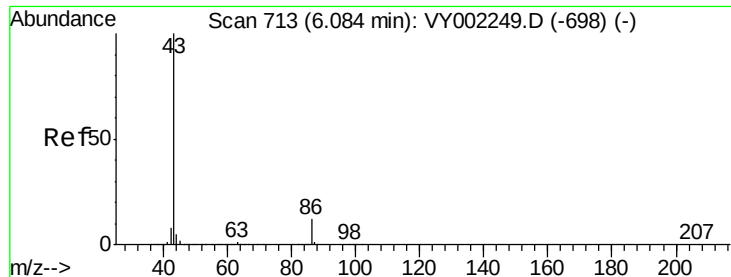
45 100

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

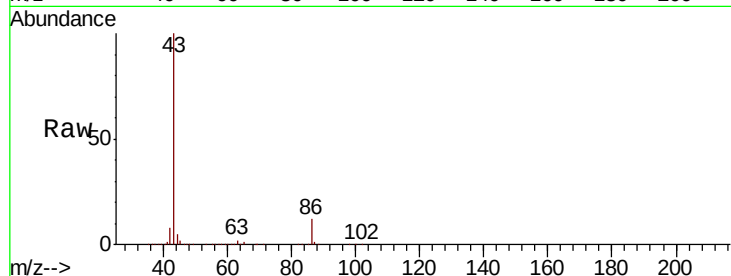
ClientSampled :

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): VY002249.D (-698) (-)

Ion 86.00 (85.70 to 86.70): VY002249.D (-698) (-)

6.10

300000

250000

200000

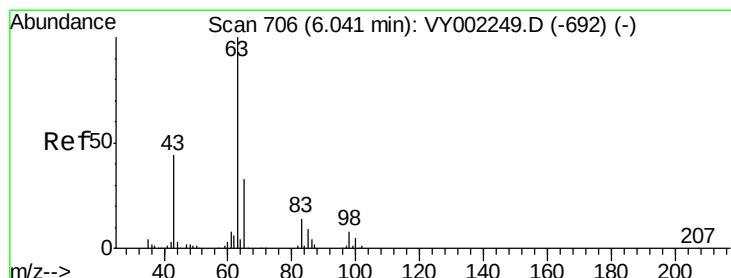
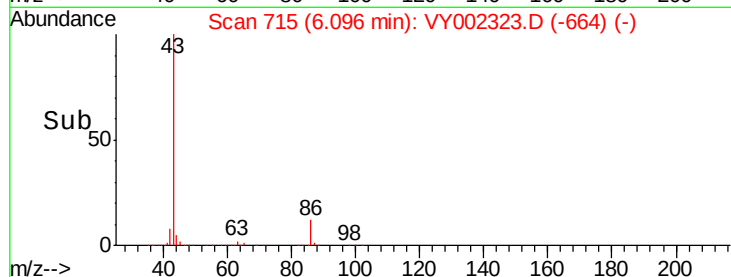
150000

100000

50000

0

Time-->



#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

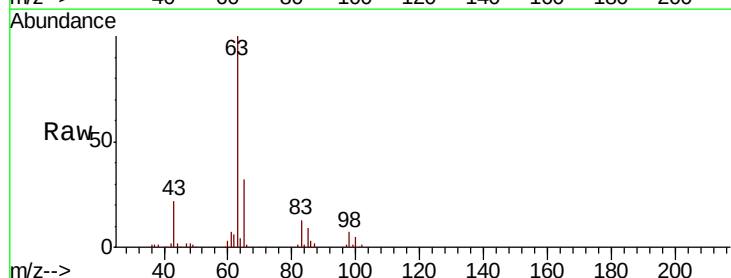
Tgt Ion: 63 Resp: 175522

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): VY002249.D (-692) (-)

Ion 97.90 (97.60 to 98.60): VY002249.D (-692) (-)

Ion 99.90 (99.60 to 100.60): VY002249.D (-692) (-)

6.05

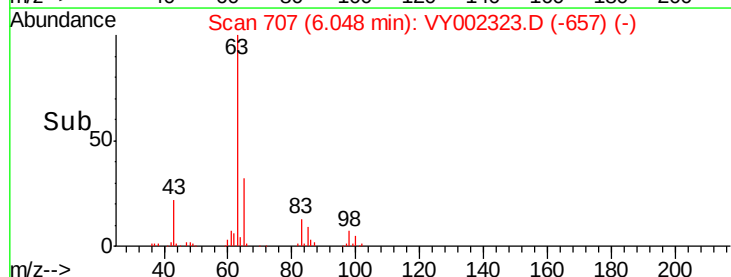
60000

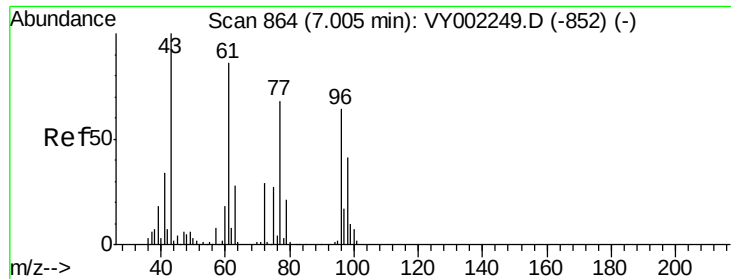
40000

20000

0

Time-->





#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

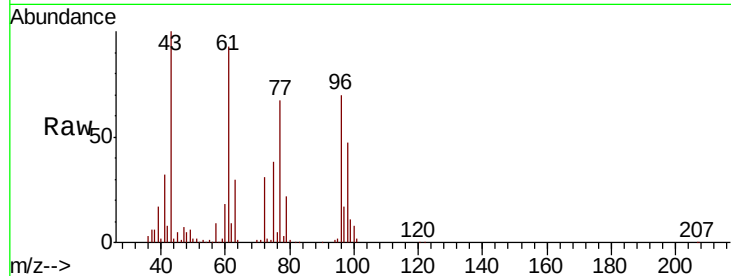
ClientSampled :

Tot Ion: 43 Resp: 163251

Ion Ratio Lower Upper

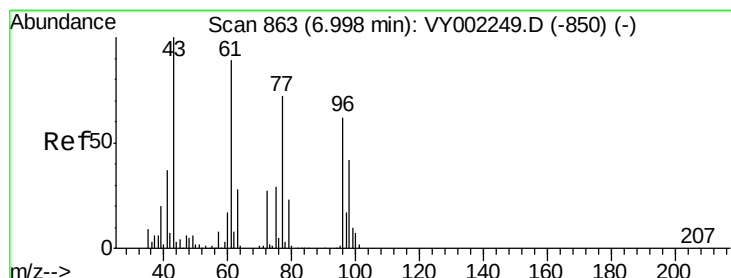
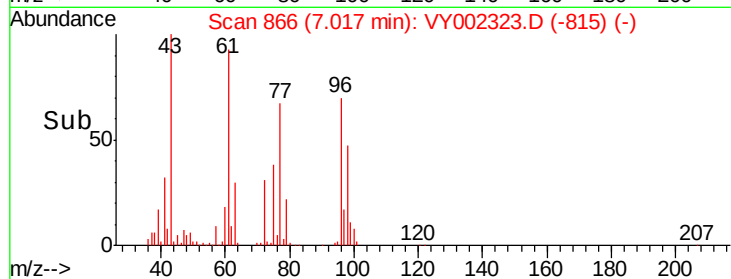
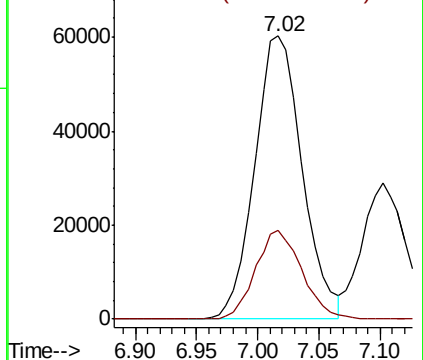
43 100

72 31.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#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

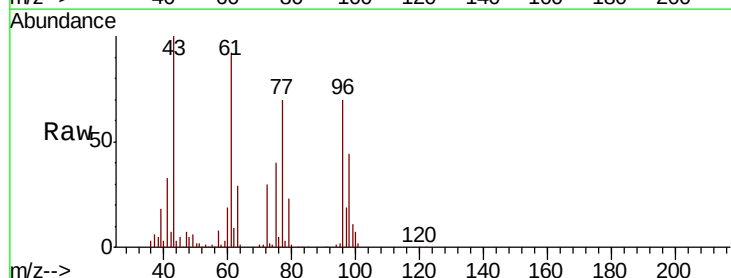
Acq: 14 Apr 2020 20:38

Tgt Ion: 77 Resp: 127664

Ion Ratio Lower Upper

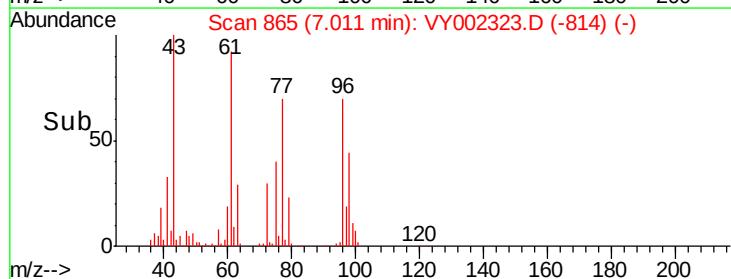
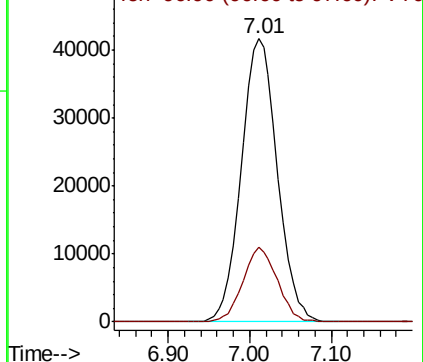
77 100

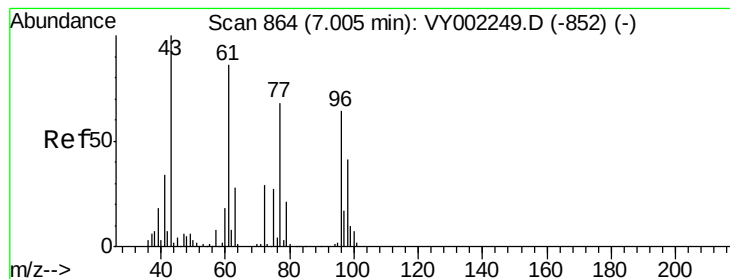
97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



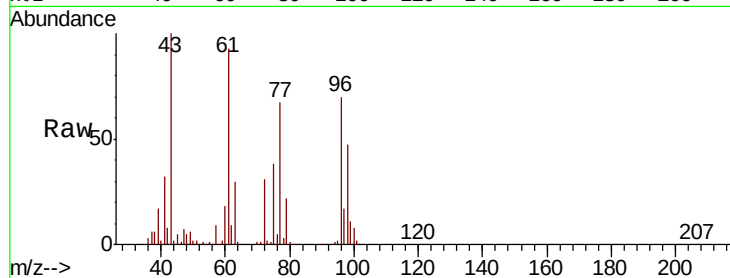


#27

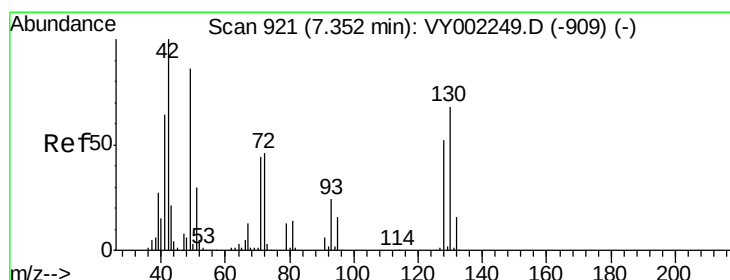
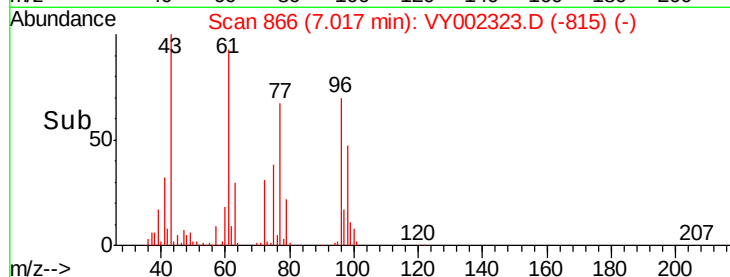
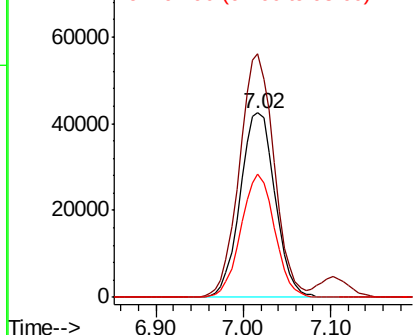
cis-1,2-Dichloroethene
Concen: 56.042 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :

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



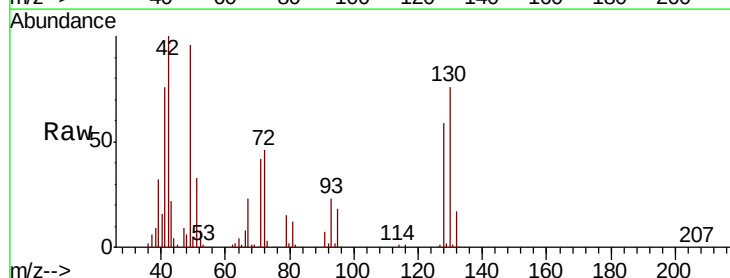
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



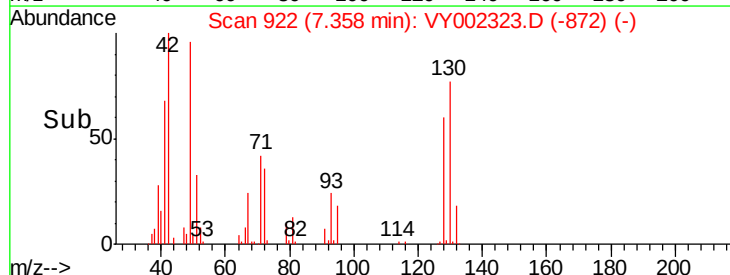
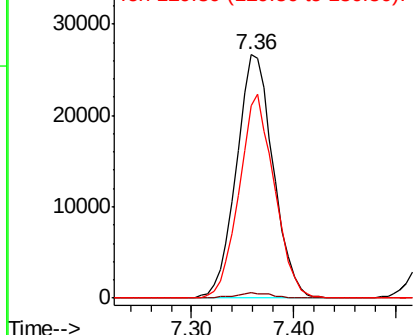
#28

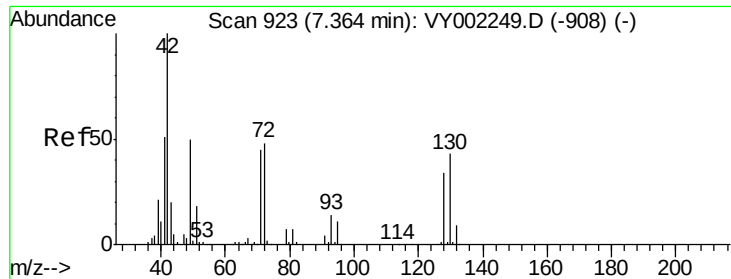
Bromochloromethane
Concen: 48.690 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

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

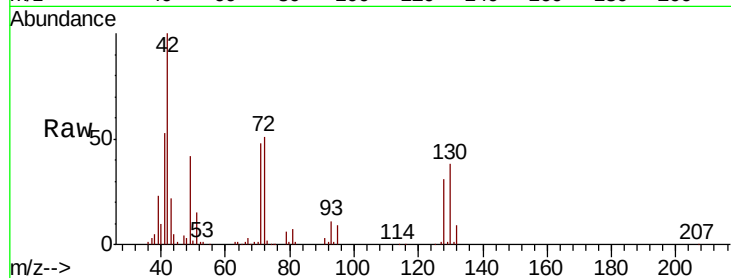




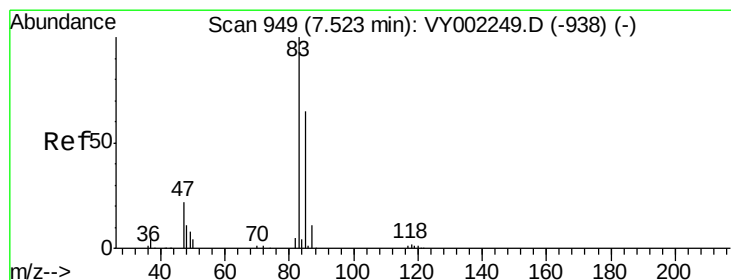
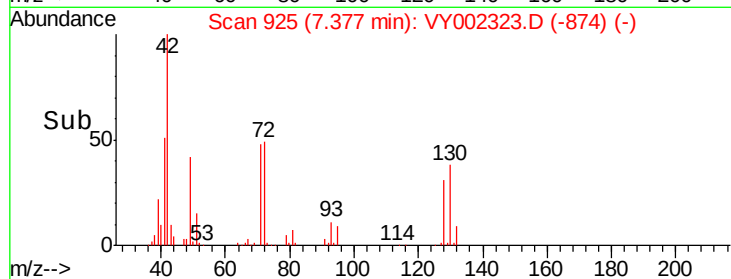
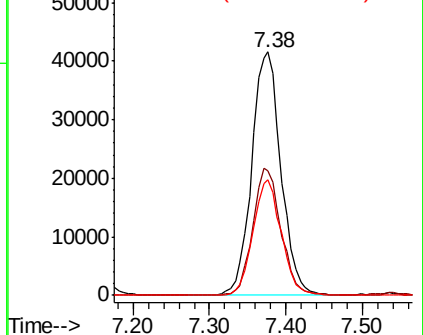
#29
Tetrahydrofuran
Concen: 254.129 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampled :

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

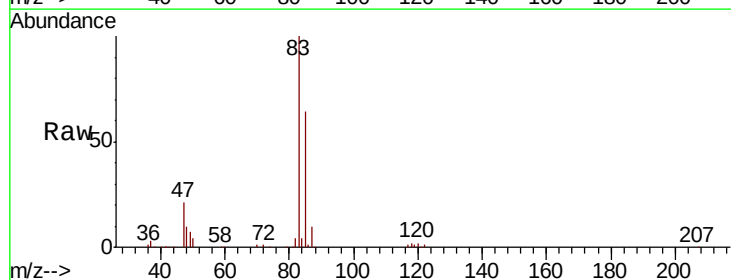


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

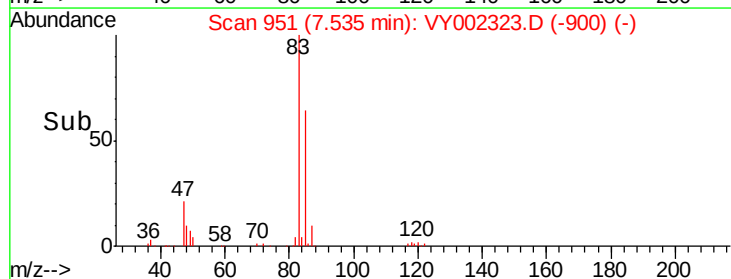
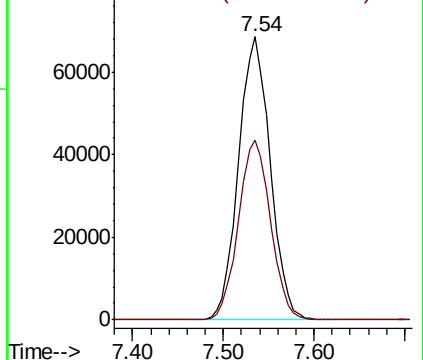


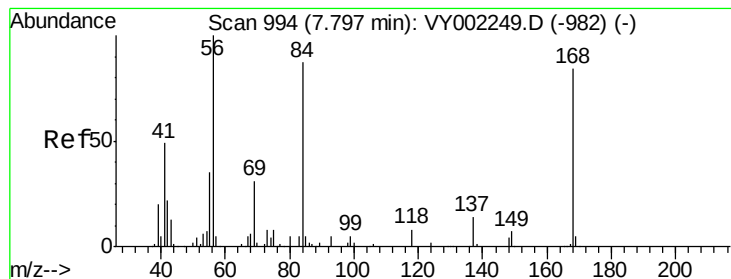
#30
Chloroform
Concen: 55.429 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

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 :

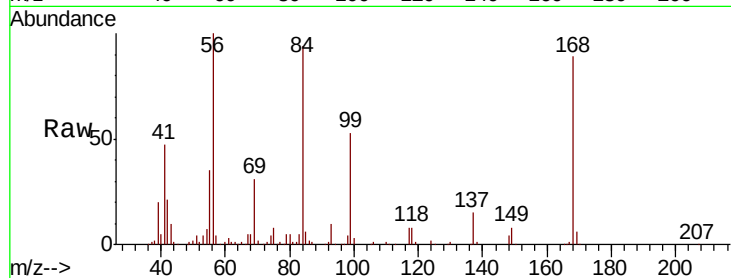
Tot Ion: 56 Resp: 165904

Ion Ratio Lower Upper

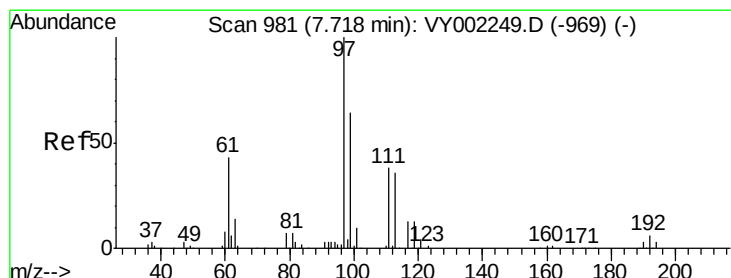
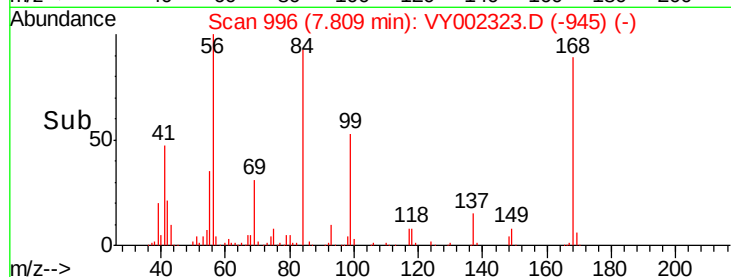
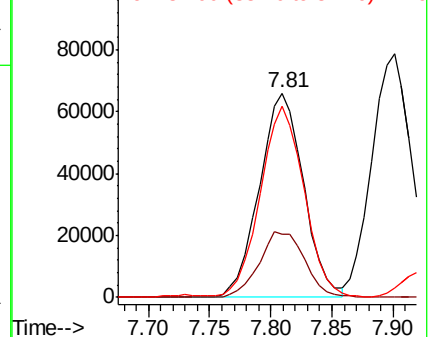
56 100

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

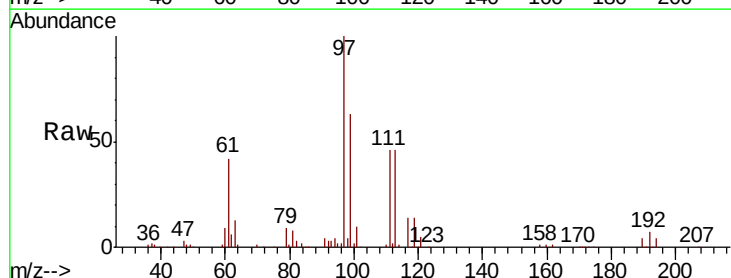
Tgt Ion: 97 Resp: 133344

Ion Ratio Lower Upper

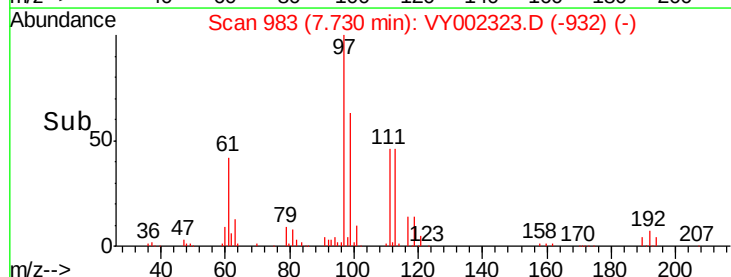
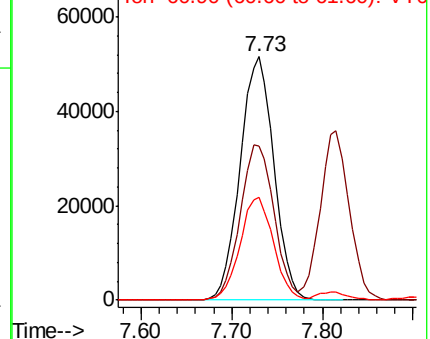
97 100

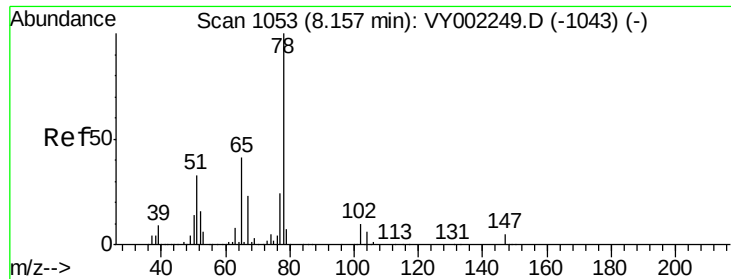
99 63.9 51.3 76.9

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

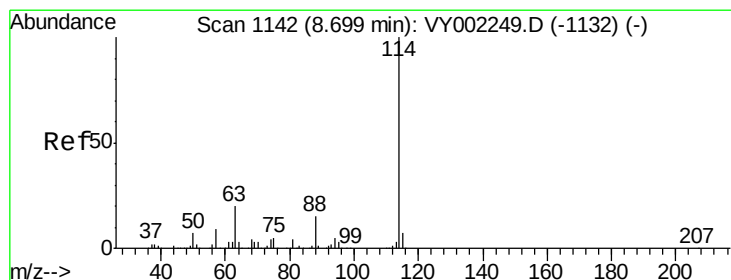
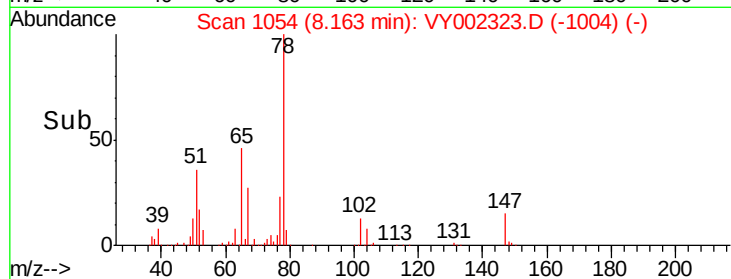
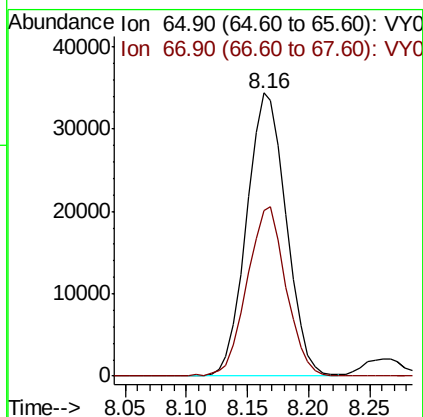
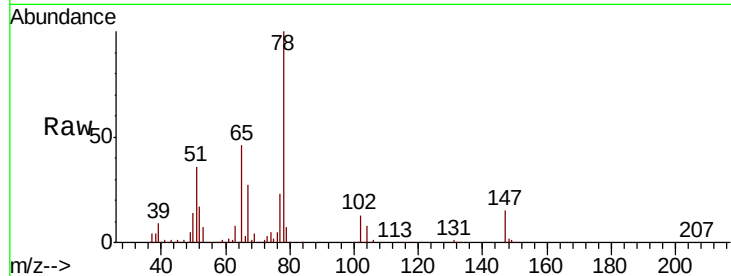




#33
 1,2-Dichloroethane-d4
 Concen: 48.823 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

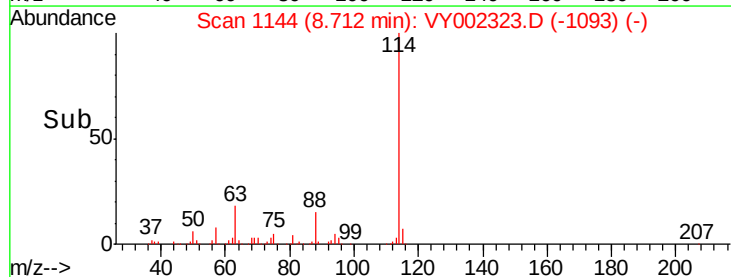
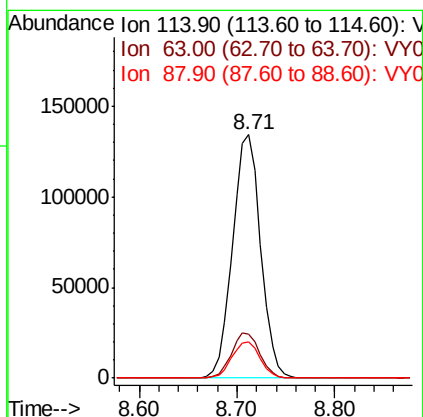
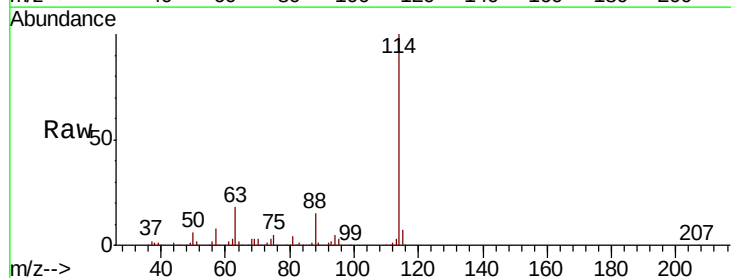
Instrument :
 MSVOA_Y
 ClientSampleId :

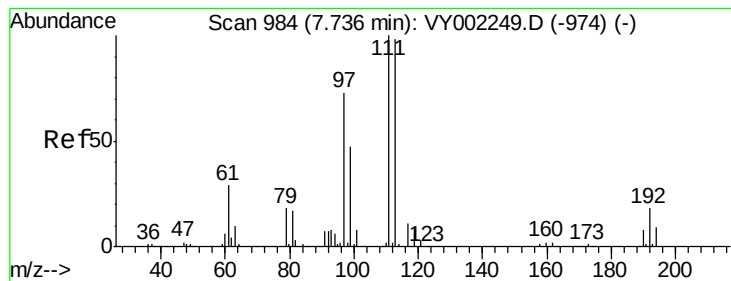
Tot Ion: 65 Resp: 77363
 Ion Ratio Lower Upper
 65 100
 67 58.9 0.0 114.0



#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

ClientSampled :

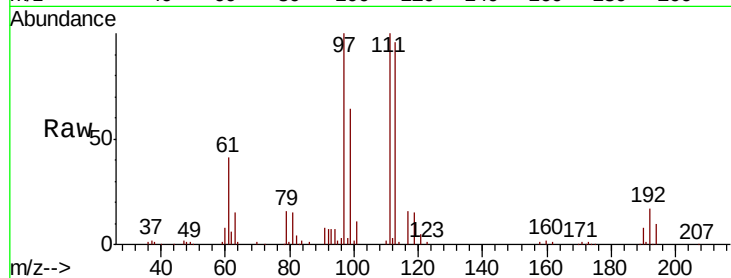
Tot Ion:113 Resp: 81977

Ion Ratio Lower Upper

113 100

111 103.6 83.5 125.3

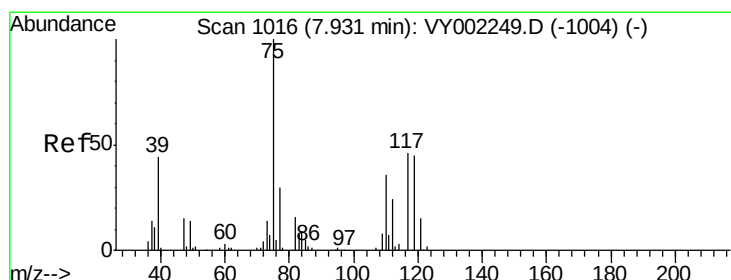
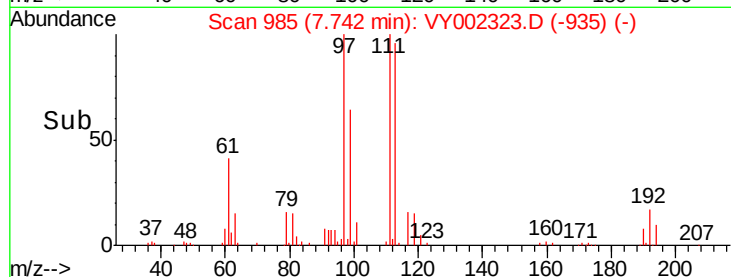
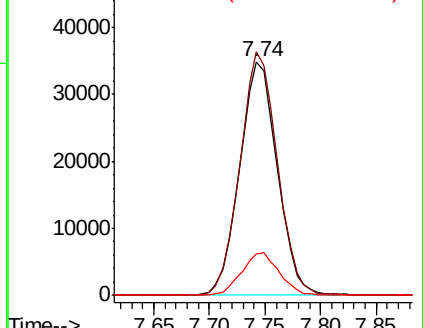
192 18.2 14.7 22.1



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

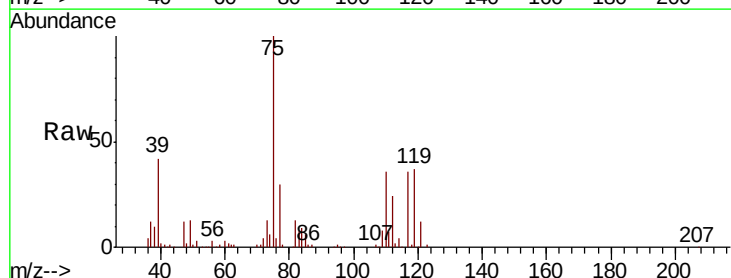
Tgt Ion: 75 Resp: 134514

Ion Ratio Lower Upper

75 100

110 36.7 17.8 53.3

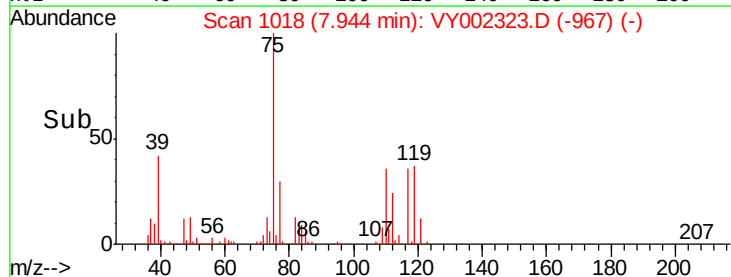
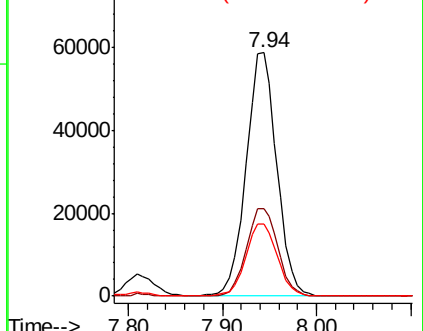
77 30.4 24.4 36.6

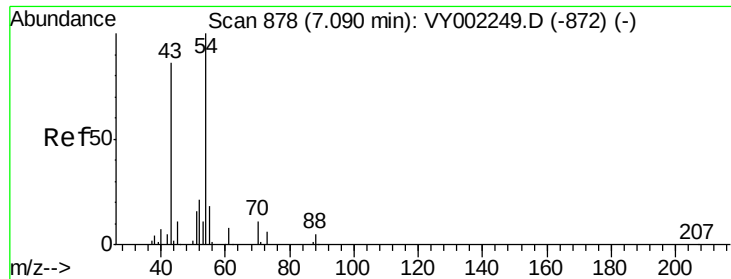


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

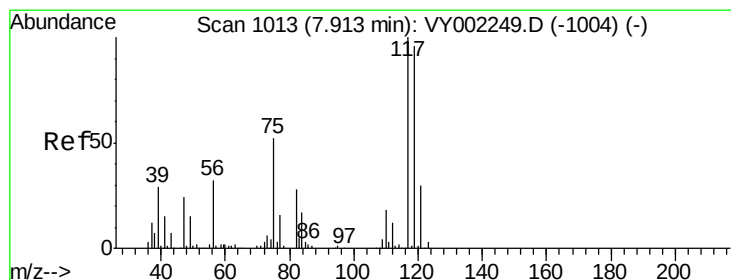
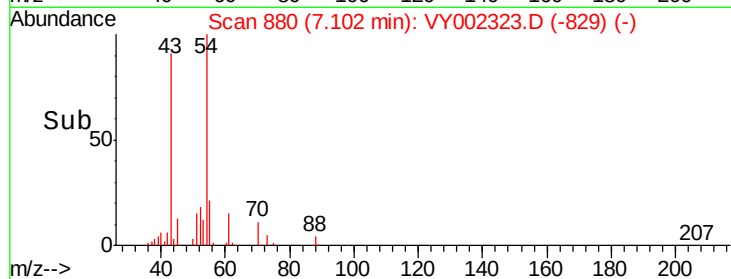
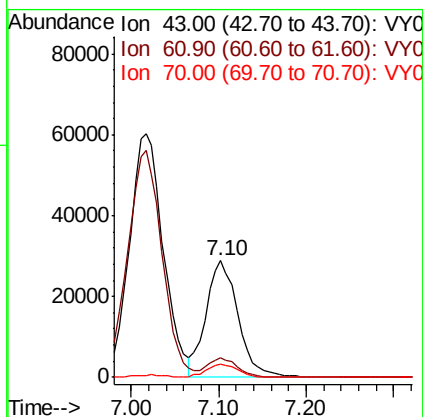
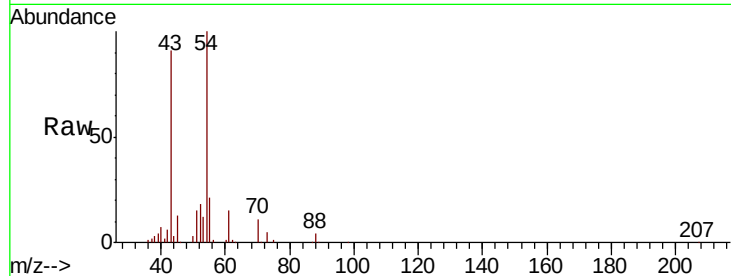




#37
Ethyl Acetate
Concen: 49.431 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

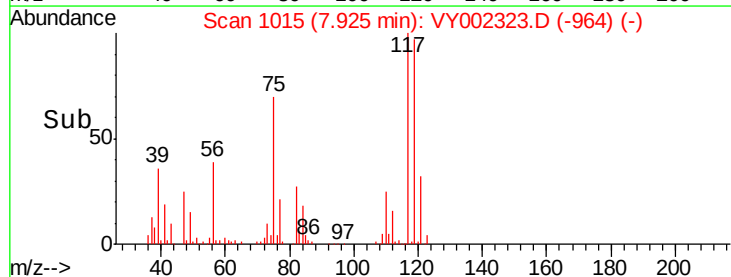
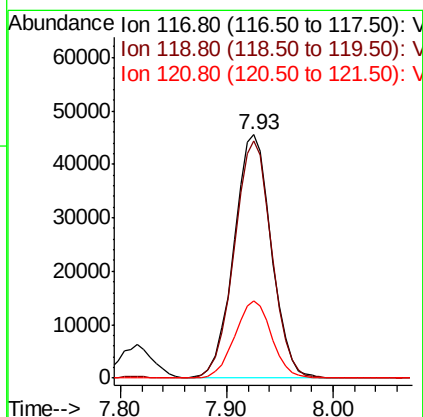
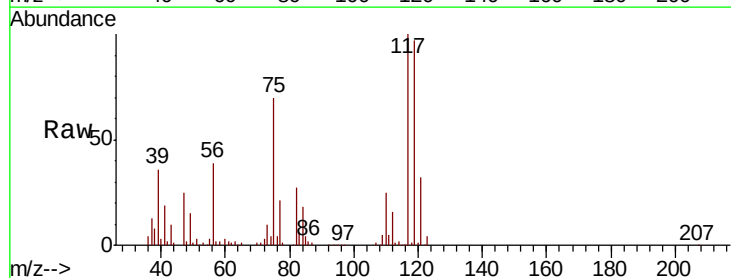
Instrument :
MSVOA_Y
ClientSampleId :

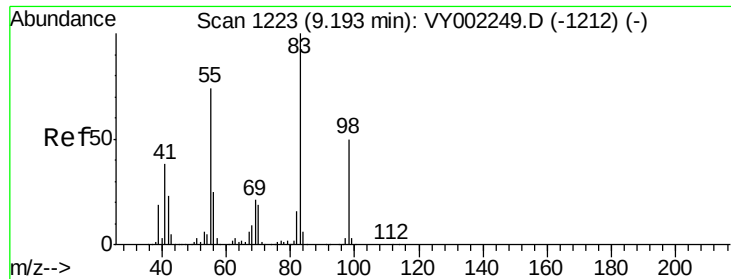
Tot Ion: 43 Resp: 74186
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.0 9.1 13.7



#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

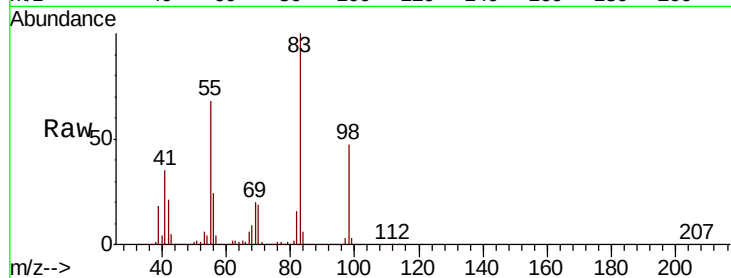




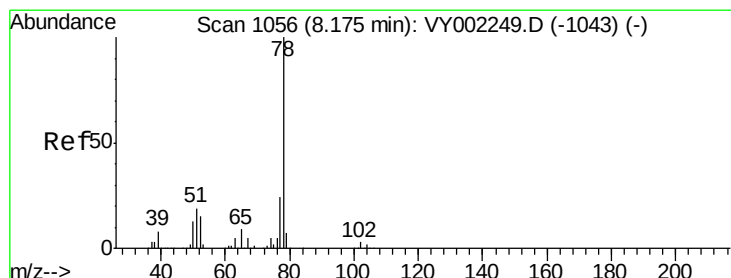
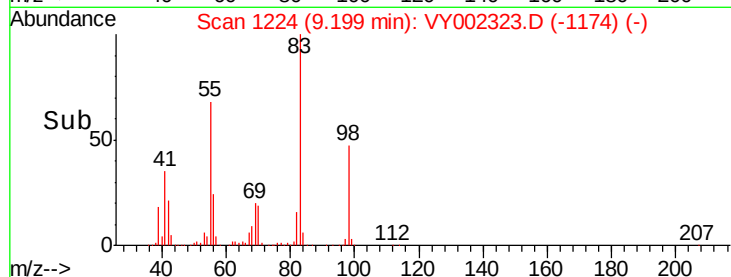
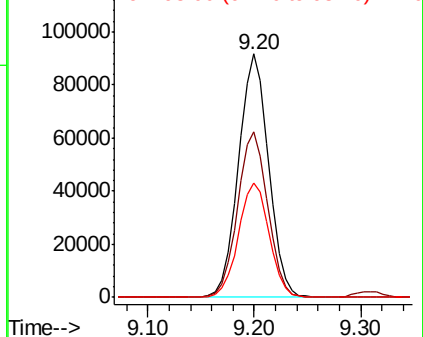
#39
Methylvlcyclohexane
Concen: 50.975 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :

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

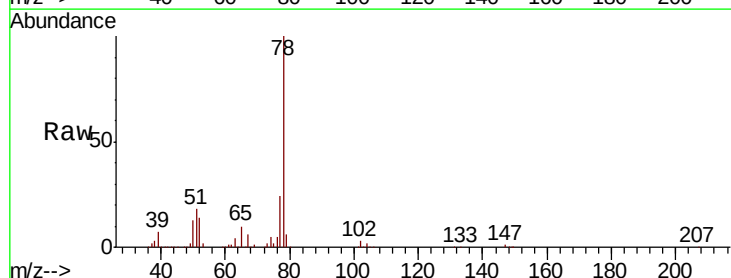


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

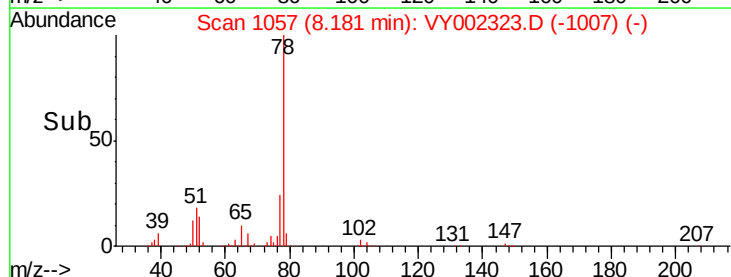
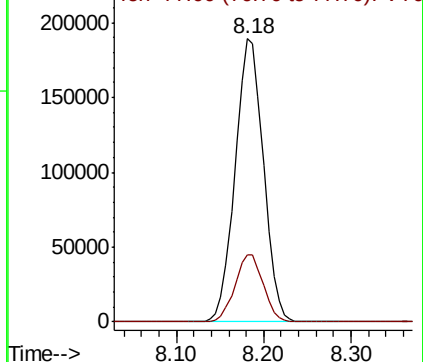


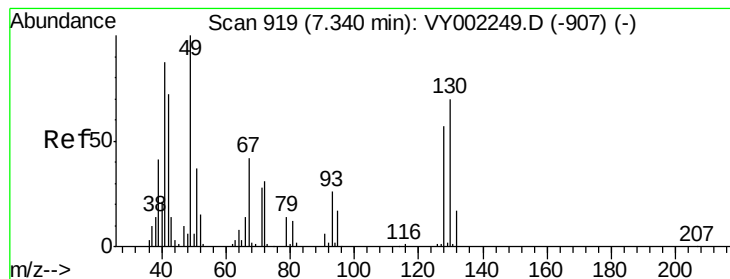
#40
Benzene
Concen: 53.366 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

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



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





#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 :

Tot Ion: 41 Resp: 97431

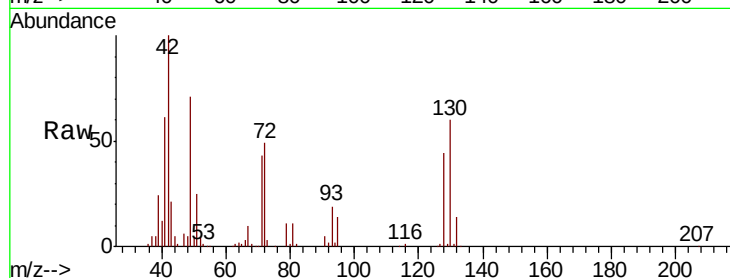
Ion Ratio Lower Upper

41 100

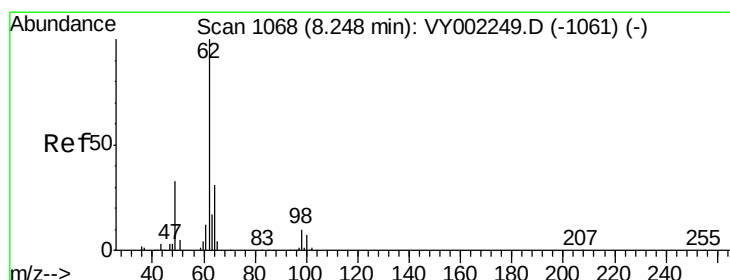
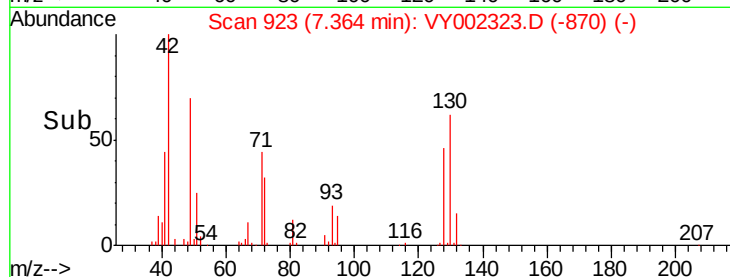
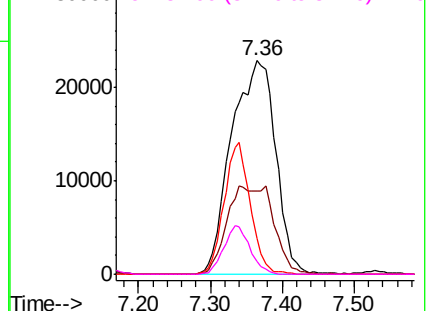
39 0.0 0.0 0.0

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

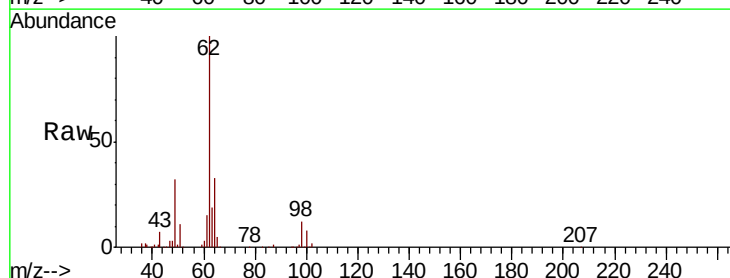
Acq: 14 Apr 2020 20:38

Tgt Ion: 62 Resp: 99555

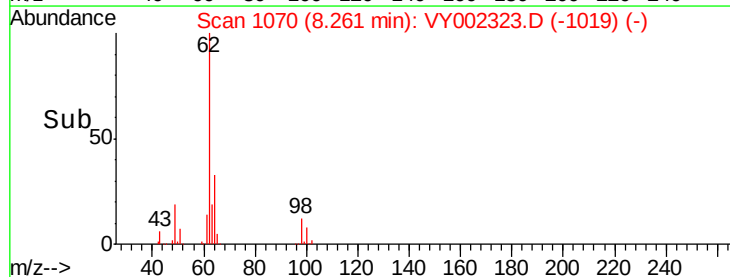
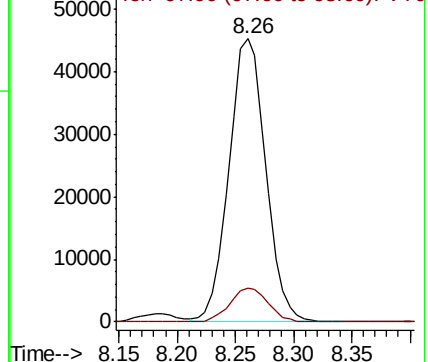
Ion Ratio Lower Upper

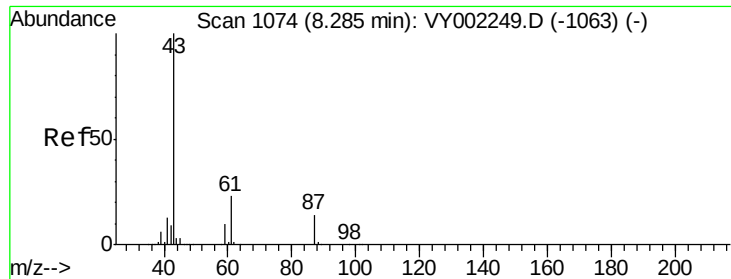
62 100

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

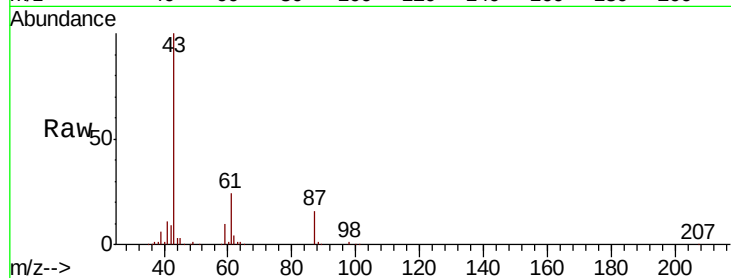




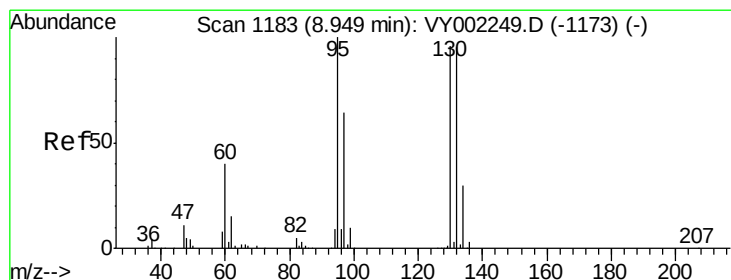
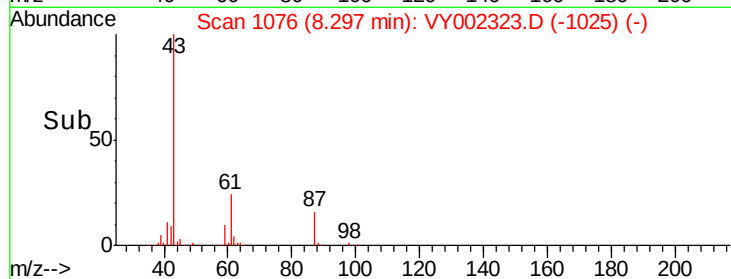
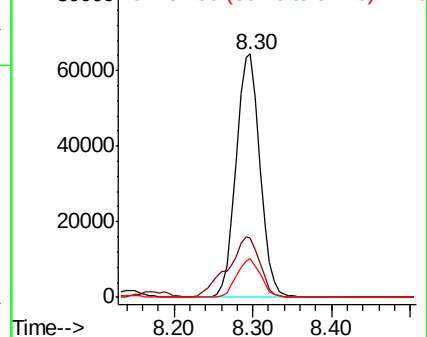
#43
Isopropyl Acetate
Concen: 49.667 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :

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

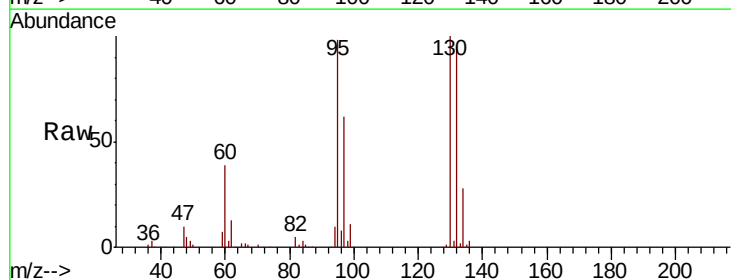


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

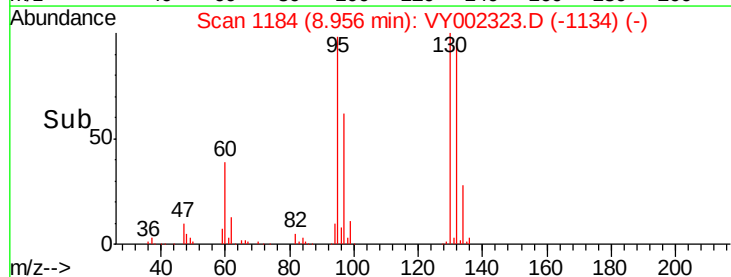
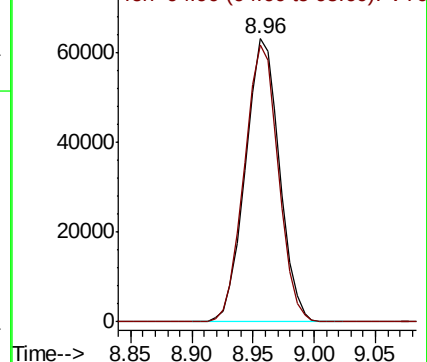


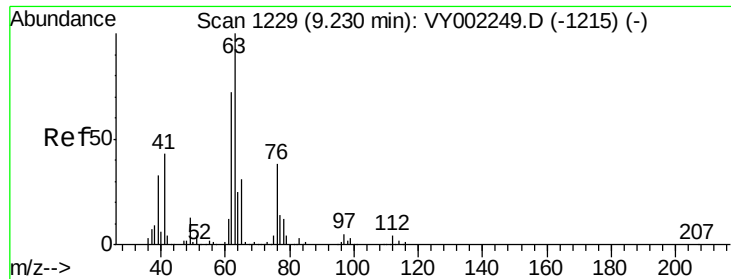
#44
Trichloroethene
Concen: 52.104 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Tgt Ion:130 Resp: 122099
Ion Ratio Lower Upper
130 100
95 98.0 0.0 208.2



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

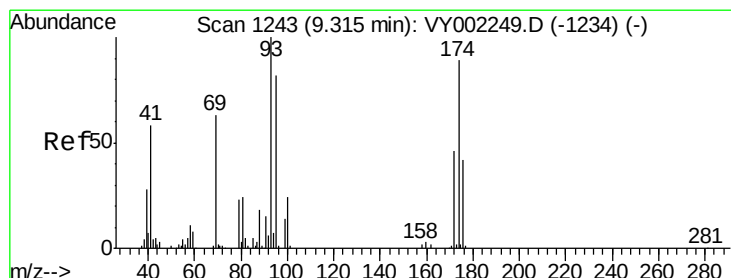
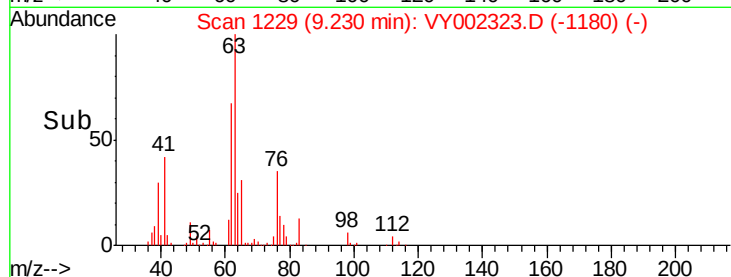
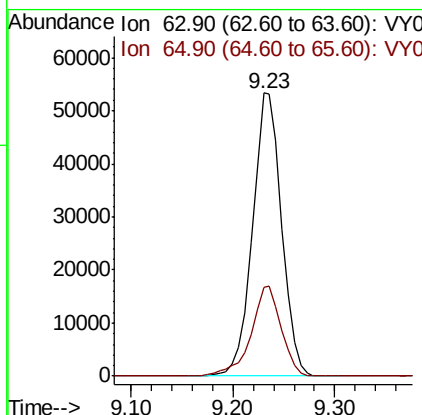
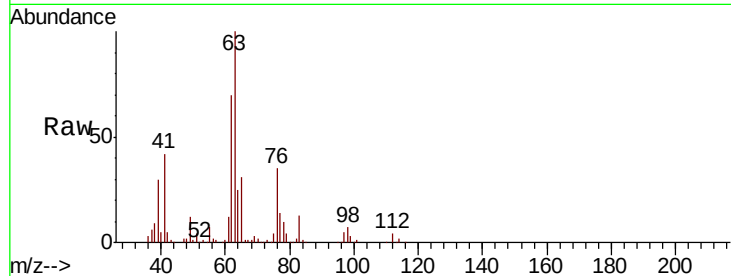




#45
 1,2-Dichloropropane
 Concen: 53.505 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

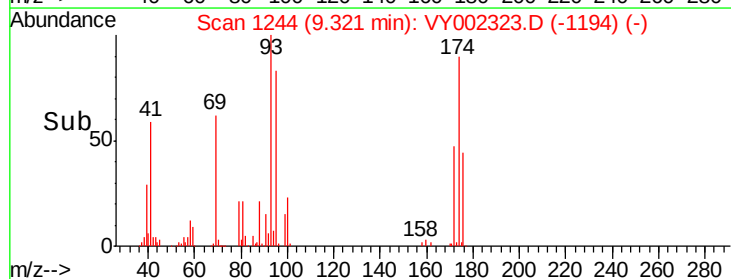
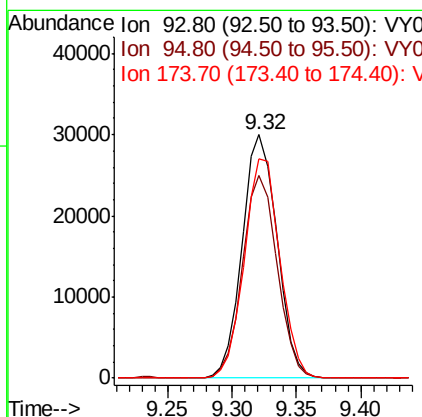
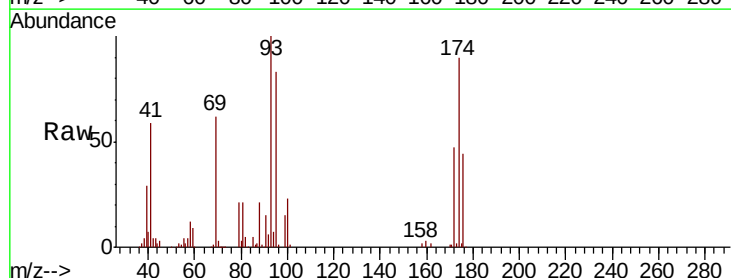
Instrument :
 MSVOA_Y
 ClientSampled :

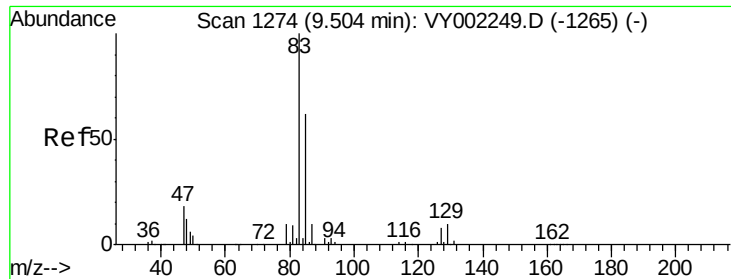
Tot Ion: 63 Resp: 105814
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 37.0



#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

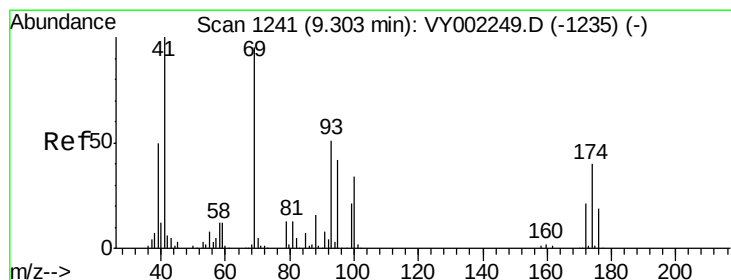
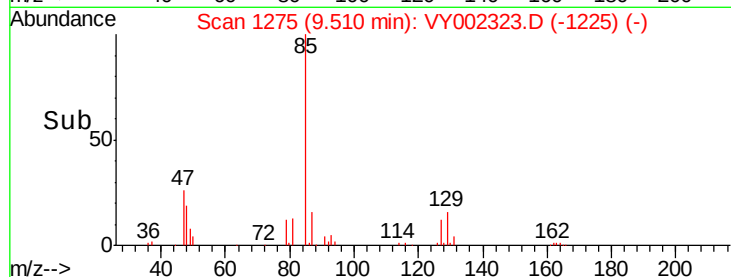
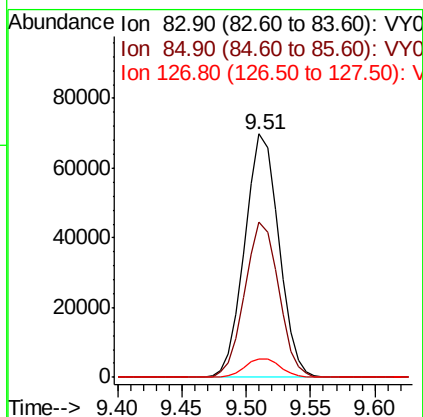
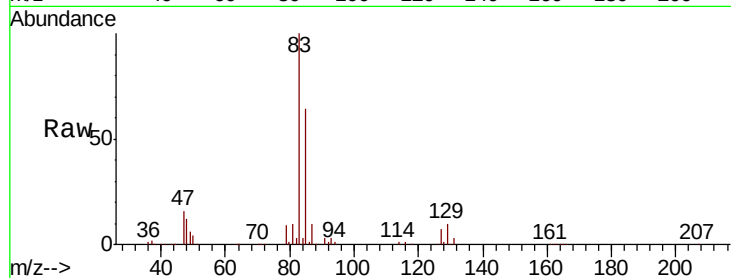




#47
Bromodichloromethane
Concen: 54.024 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

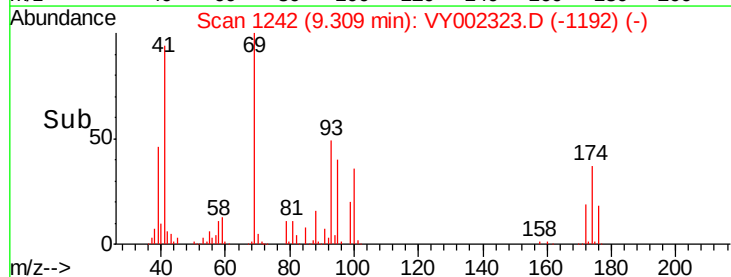
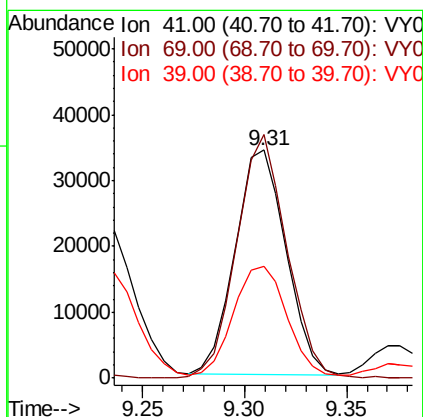
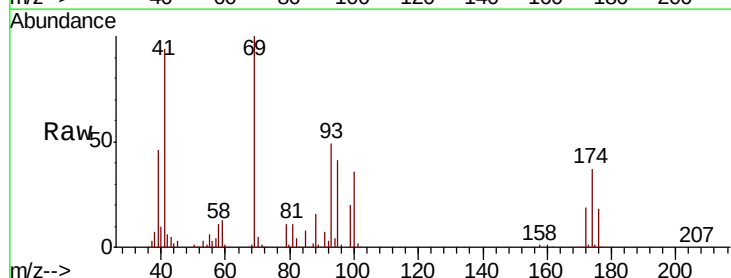
Instrument :
MSVOA_Y
ClientSampleId :

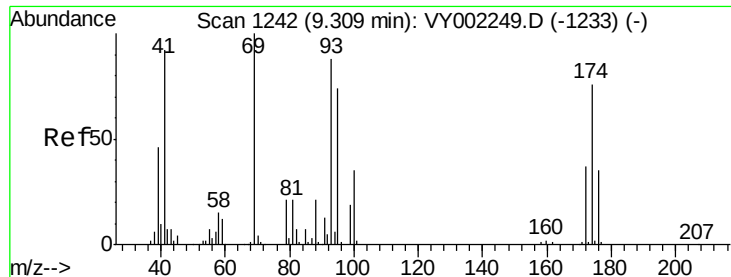
Tot Ion: 83 Resp: 128178
Ion Ratio Lower Upper
83 100
85 63.6 49.7 74.5
127 7.5 6.2 9.4



#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 :

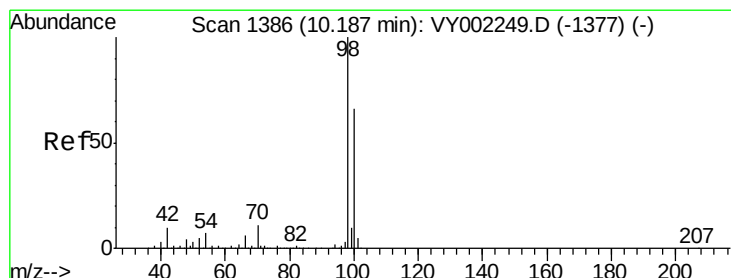
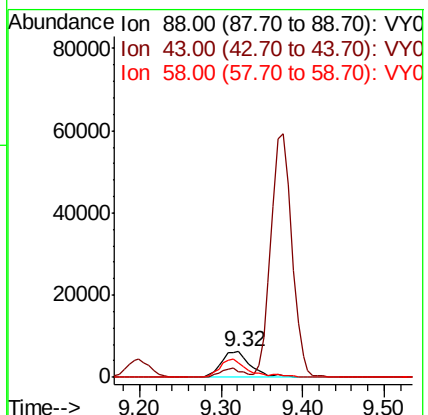
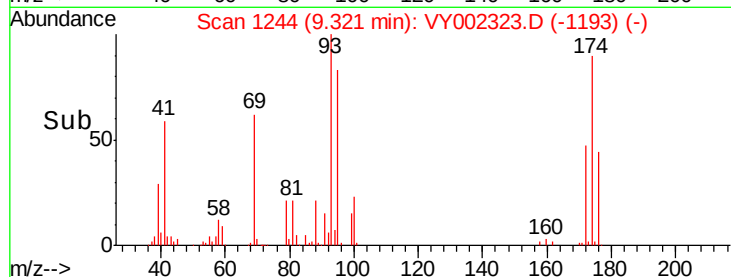
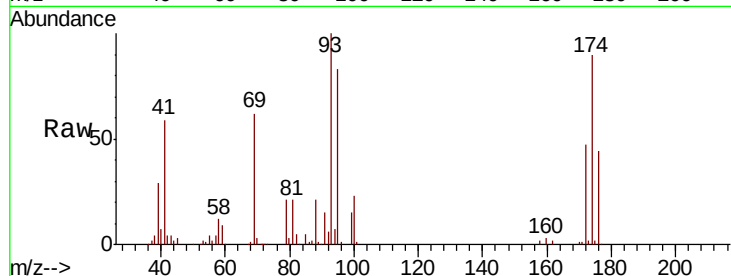
Tot Ion: 88 Resp: 16061

Ion Ratio Lower Upper

88 100

43 24.5 22.2 33.2

58 62.3 57.6 86.4



#50

Toluene-d8

Concen: 50.408 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002323.D

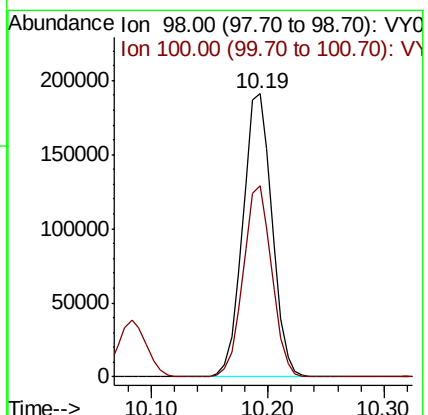
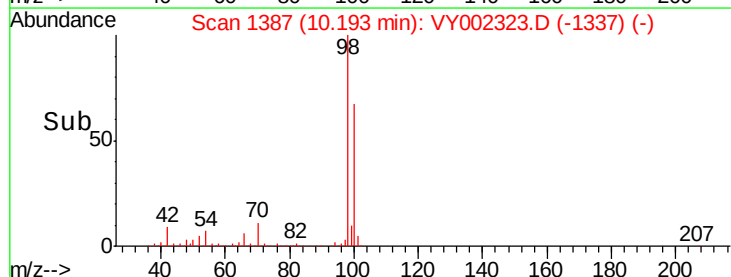
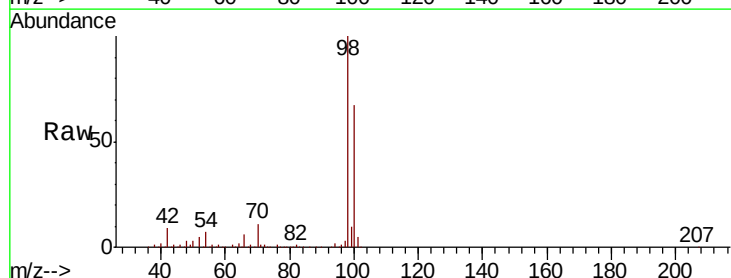
Acq: 14 Apr 2020 20:38

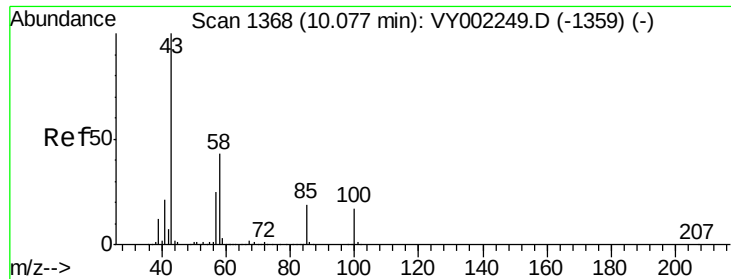
Tgt Ion: 98 Resp: 334840

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

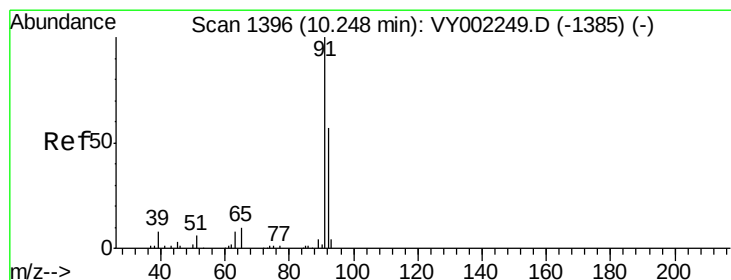
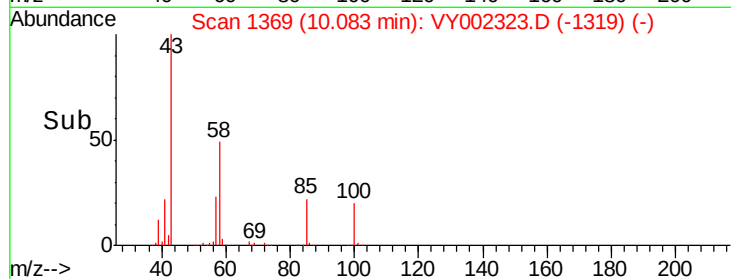
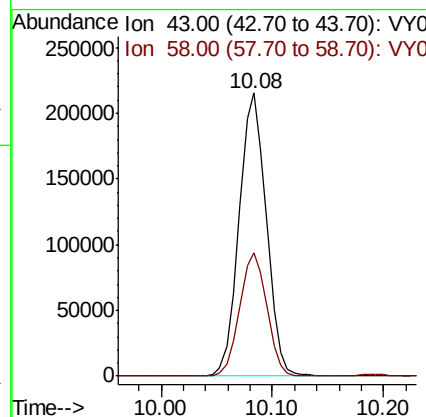
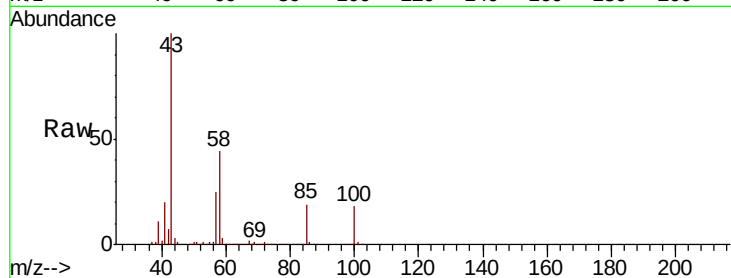




#51
 4-Methyl-2-Pentanone
 Concen: 255.344 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

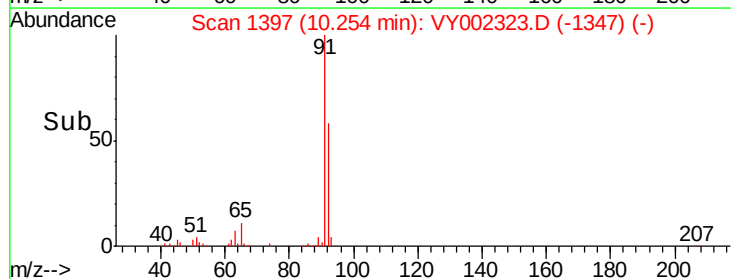
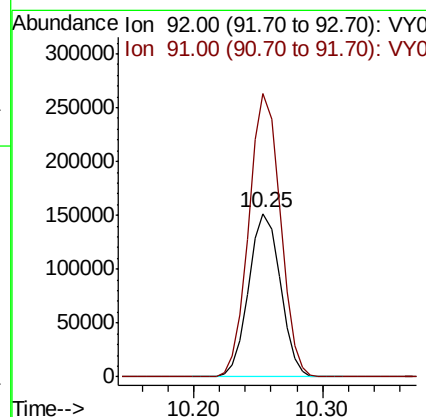
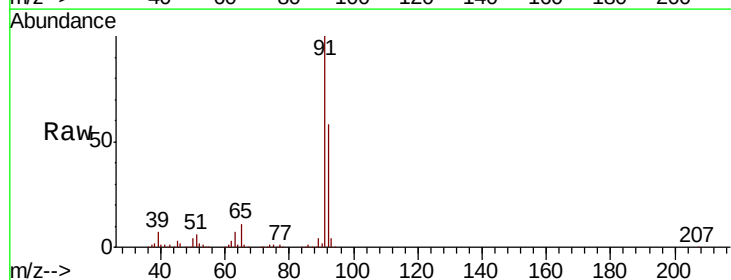
Instrument :
 MSVOA_Y
 ClientSampled :

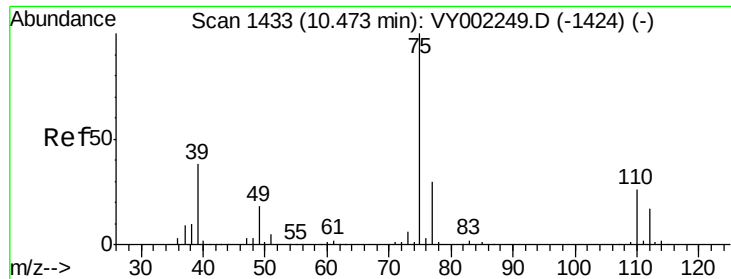
Tot Ion: 43 Resp: 364189
 Ion Ratio Lower Upper
 43 100
 58 43.7 33.8 50.8



#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

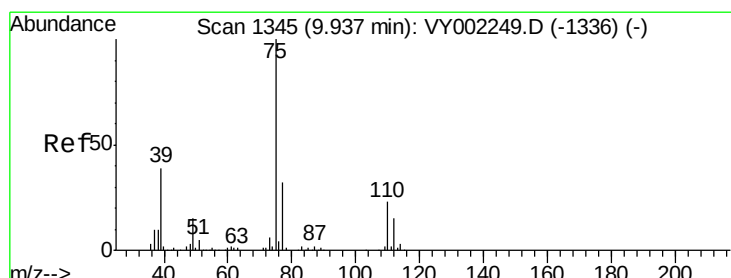
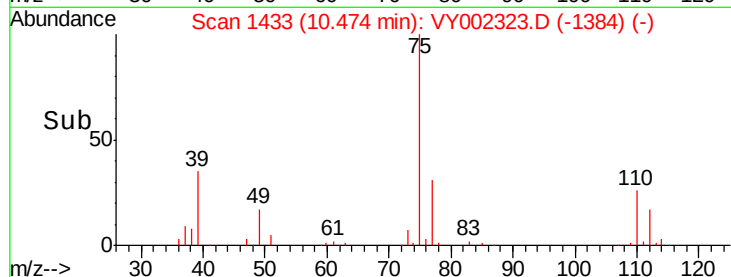
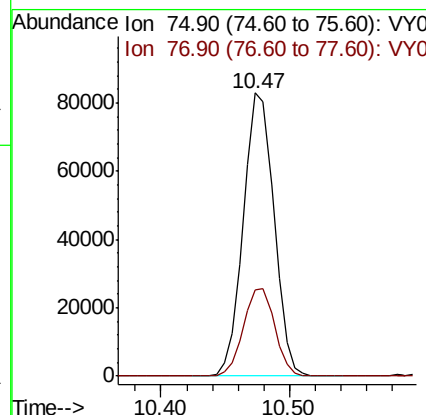
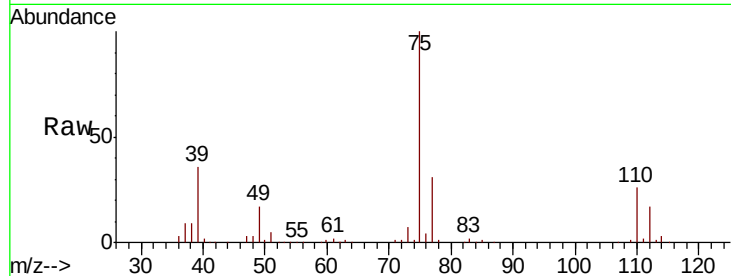




#53
t-1,3-Dichloropropene
Concen: 52.977 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

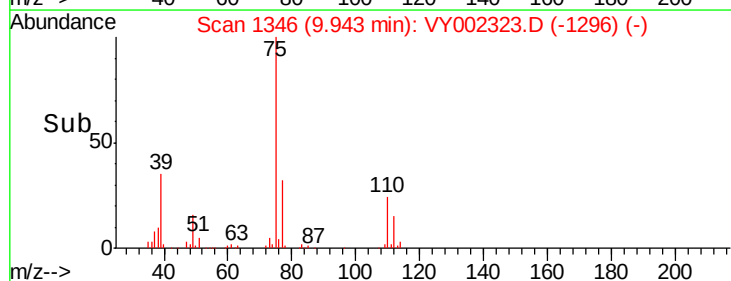
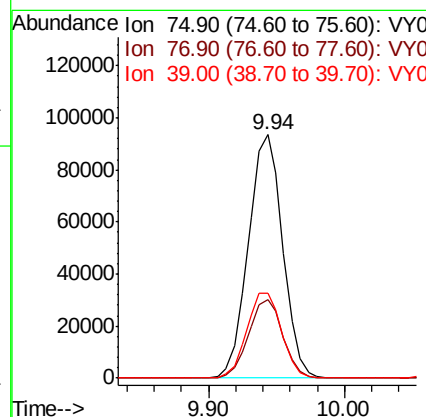
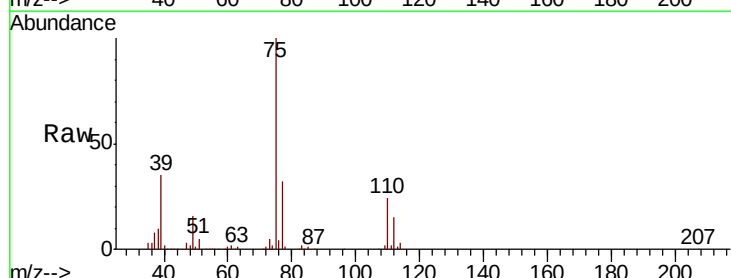
Instrument :
MSVOA_Y
ClientSampleId :

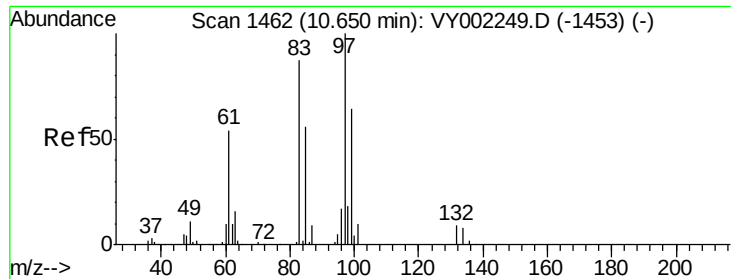
Tot Ion: 75 Resp: 136948
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2



#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

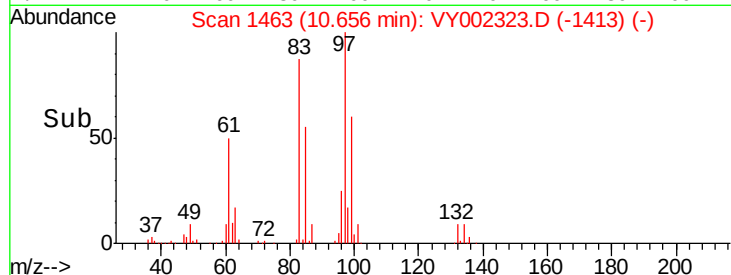
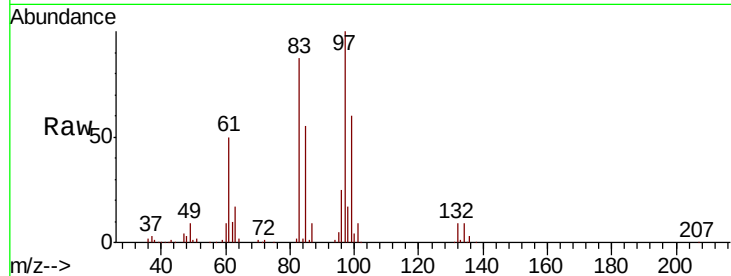
Instrument :

MSVOA_Y

ClientSampled :

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

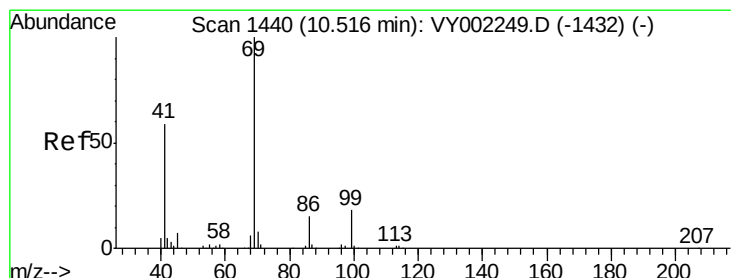
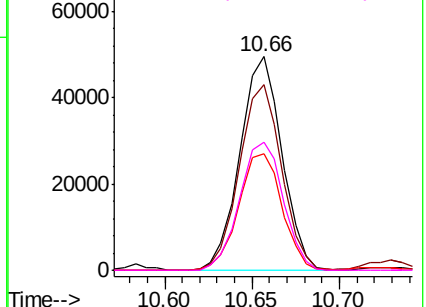


Abundance Ion 96.90 (96.60 to 97.60): VY0

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

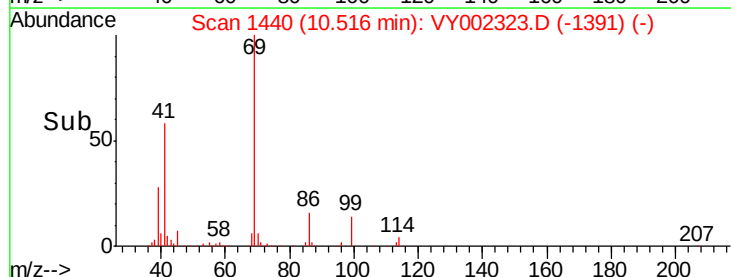
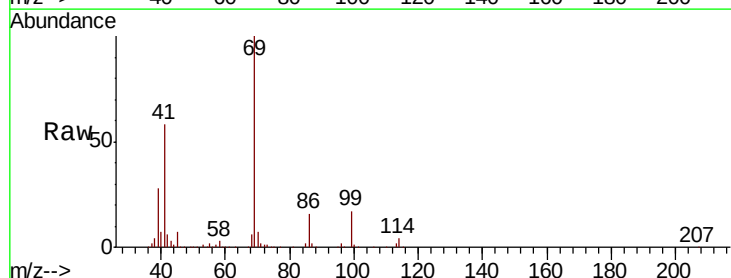
Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

Tgt Ion: 69 Resp: 116420

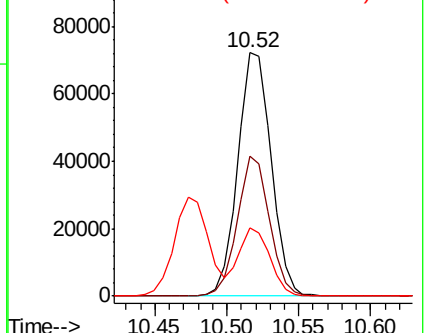
Ion	Ratio	Lower	Upper
69	100		
41	54.6	47.9	71.9
39	26.5	23.8	35.6

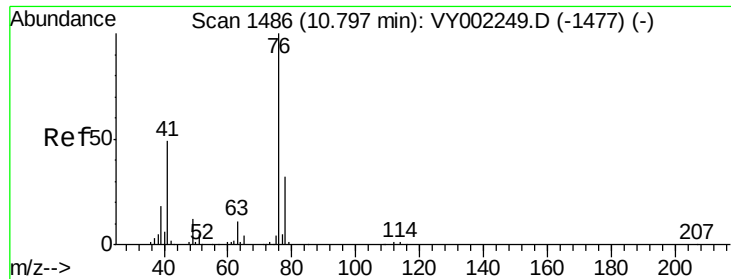


Abundance Ion 69.00 (68.70 to 69.70): VY0

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

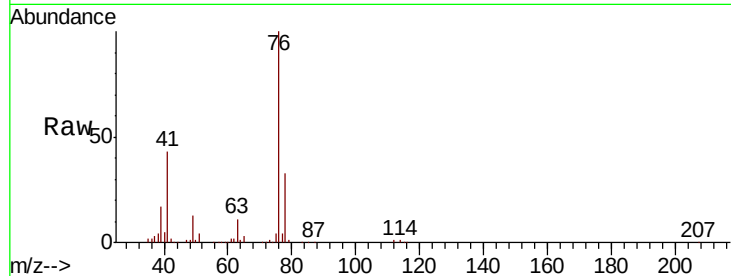
ClientSampled :

Tot Ion: 76 Resp: 141499

Ion Ratio Lower Upper

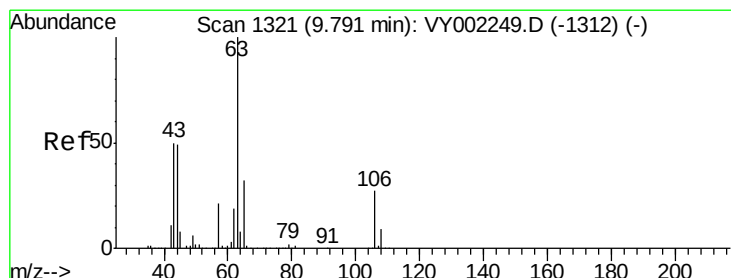
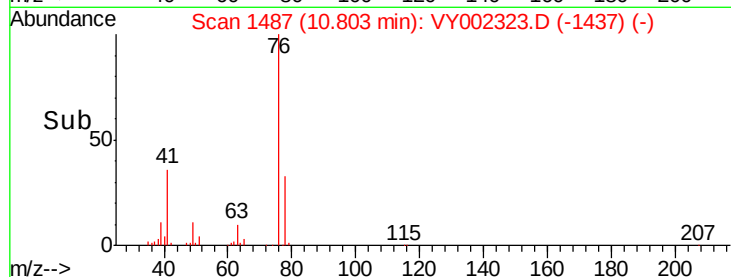
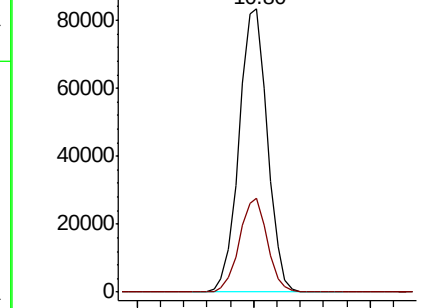
76 100

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

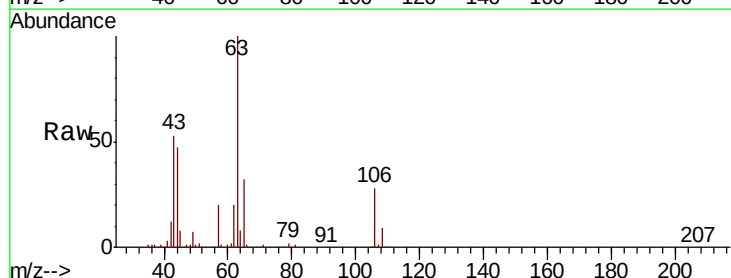
Acq: 14 Apr 2020 20:38

Tgt Ion: 63 Resp: 282808

Ion Ratio Lower Upper

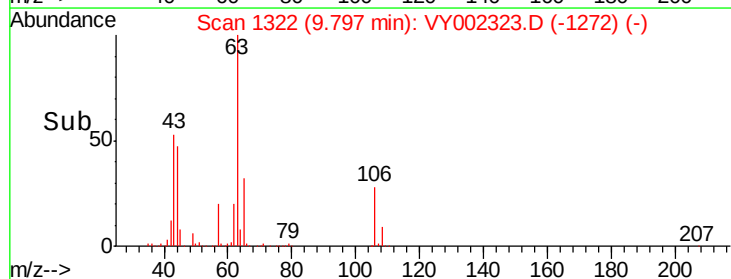
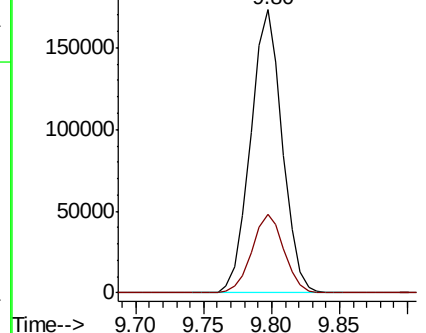
63 100

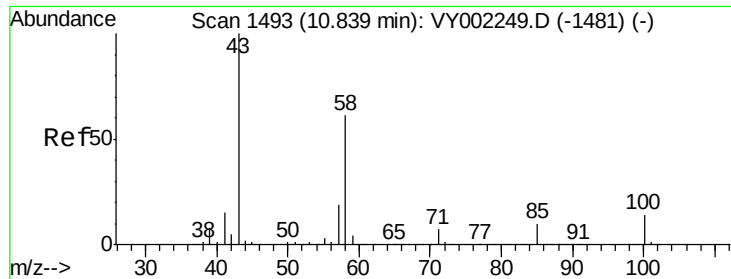
106 27.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

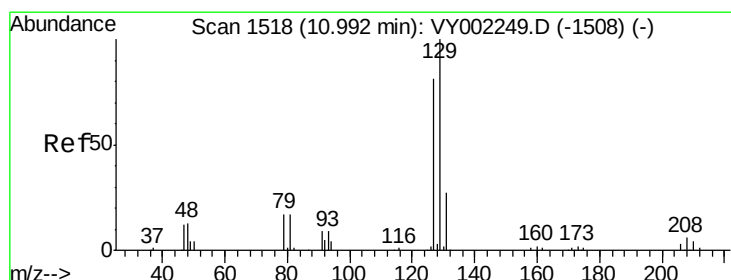
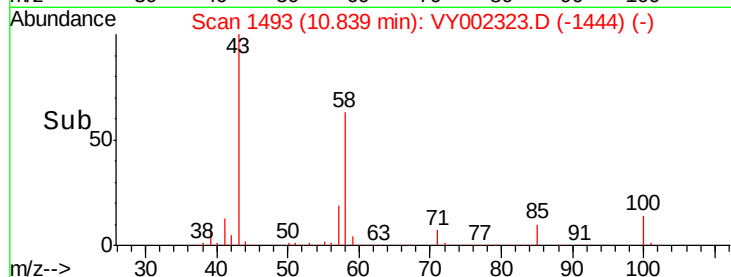
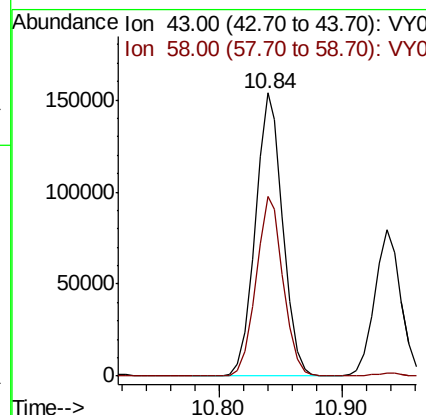
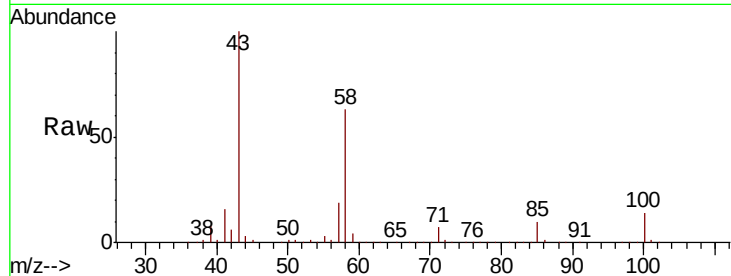




#59
2-Hexanone
Concen: 241.684 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

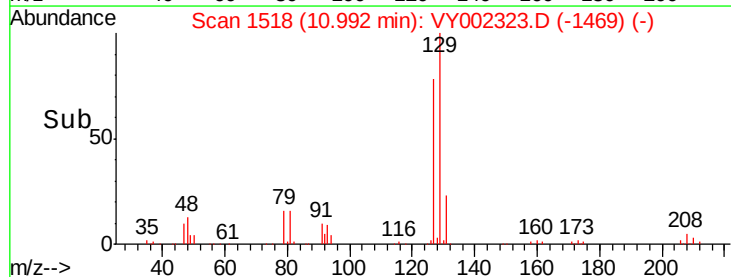
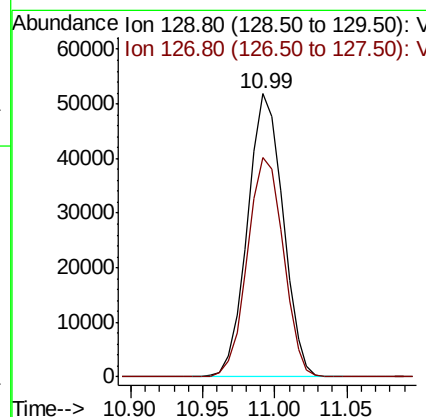
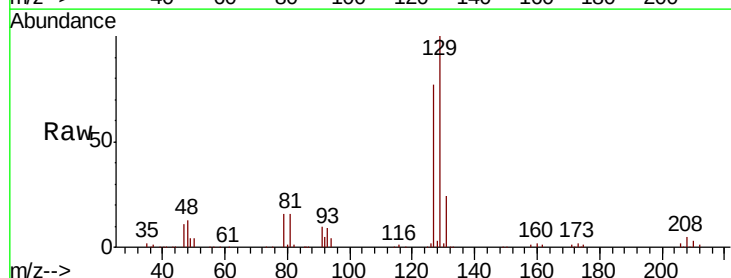
Instrument :
MSVOA_Y
ClientSampled :

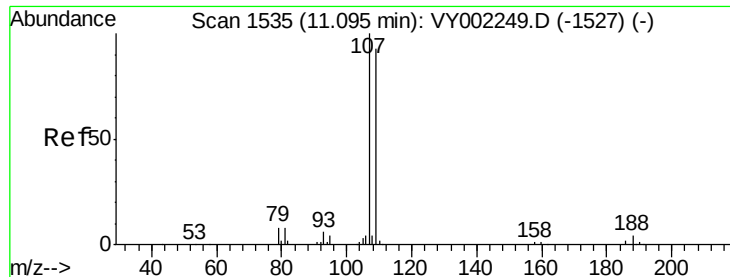
Tot Ion: 43 Resp: 239236
Ion Ratio Lower Upper
43 100
58 62.8 29.8 89.3



#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

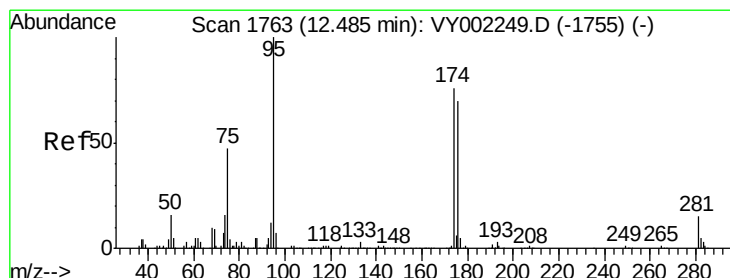
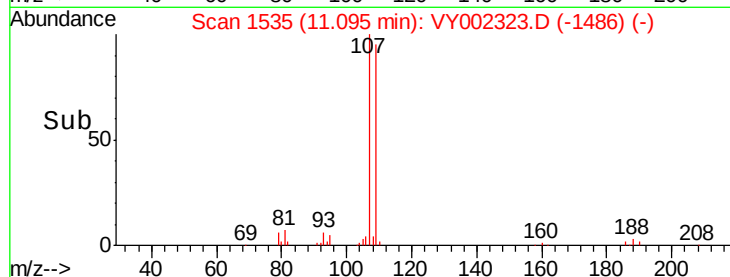
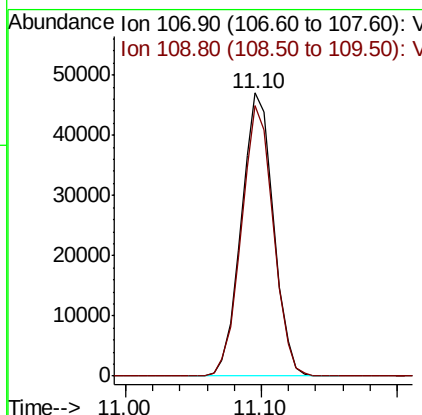
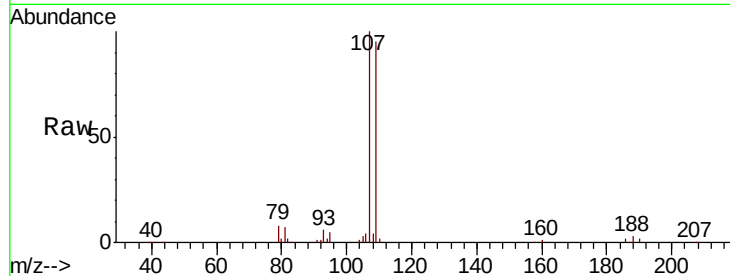




#61
 1,2-Dibromoethane
 Concen: 53.870 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

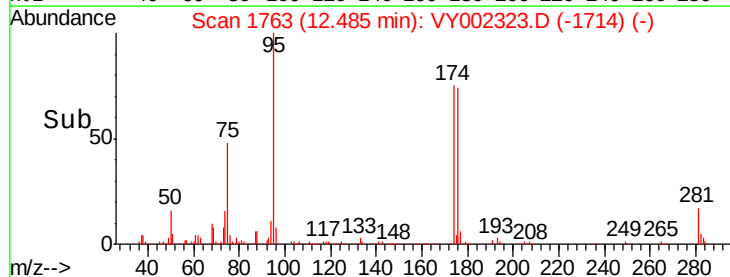
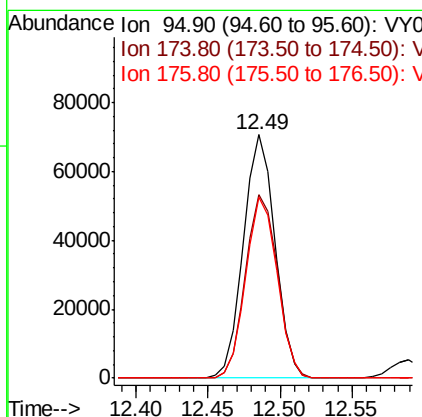
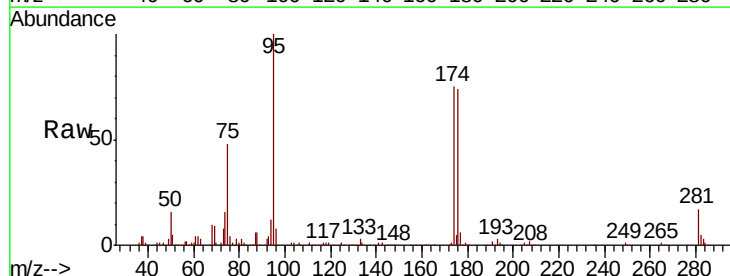
Instrument :
 MSVOA_Y
 ClientSampled :

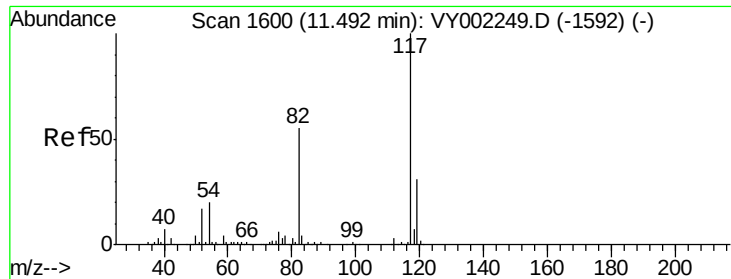
Tot Ion: 107 Resp: 77638
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#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

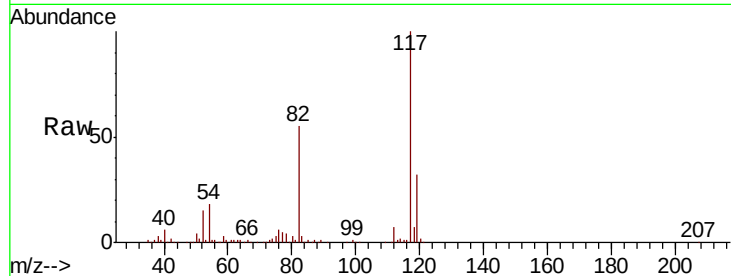




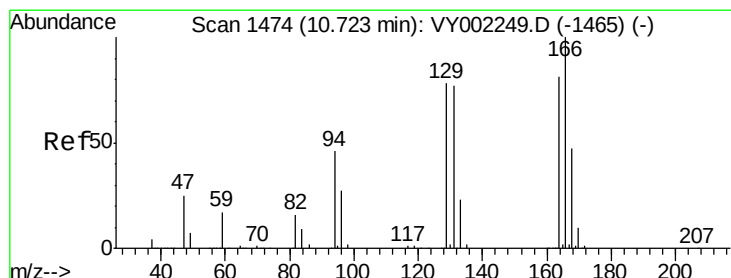
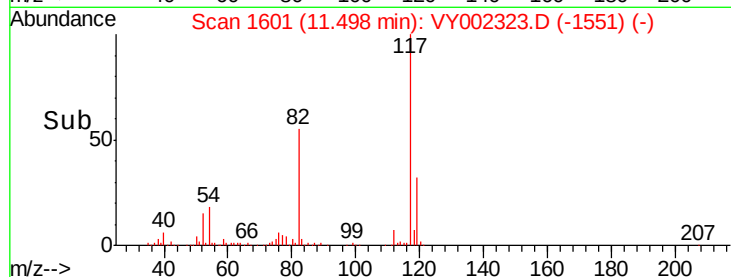
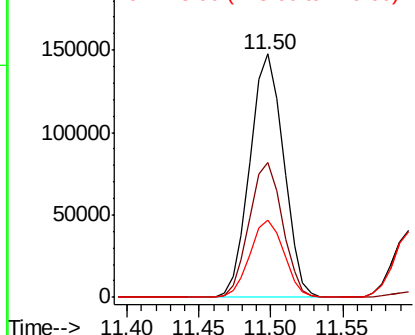
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :

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

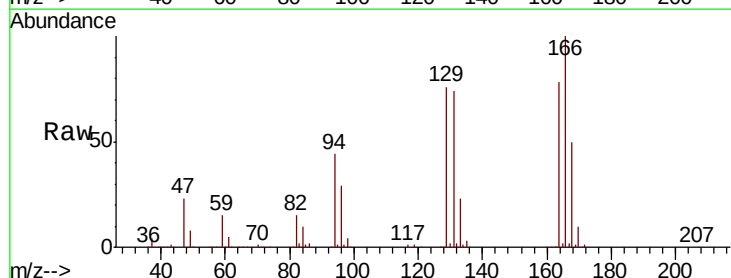


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

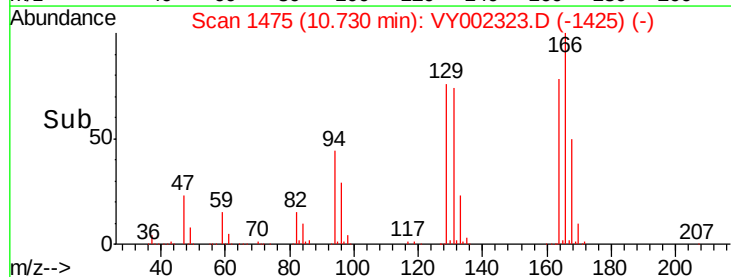
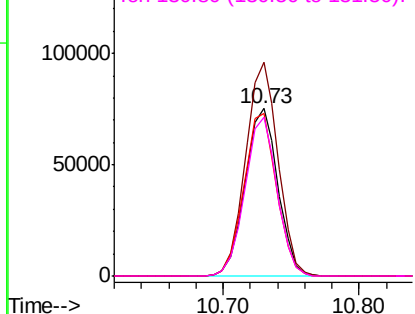


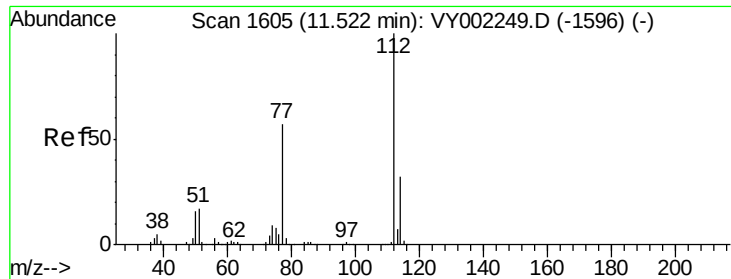
#64
Tetrachloroethene
Concen: 52.487 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

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

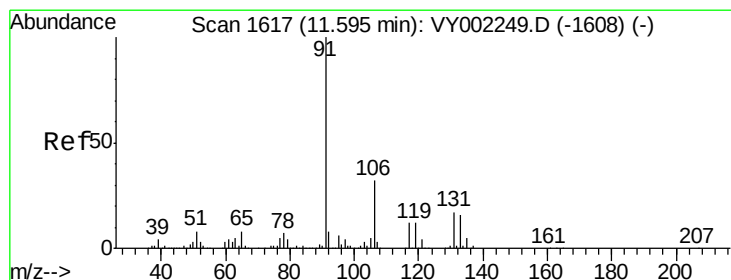
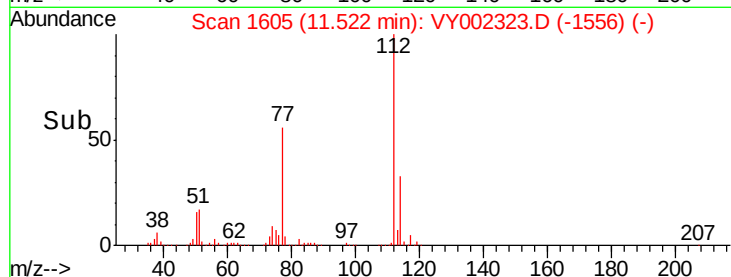
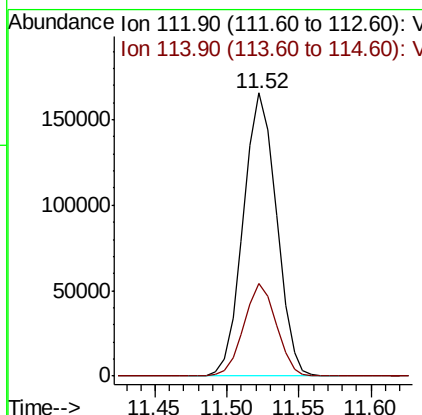
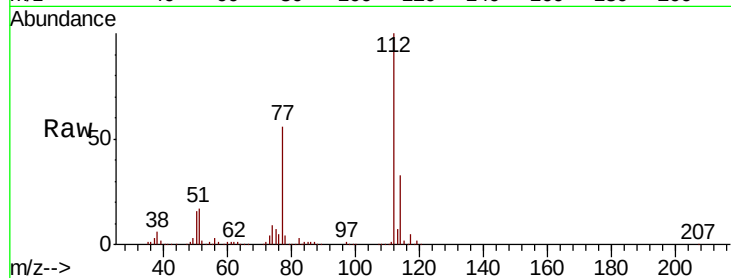




#65
Chlorobenzene
Concen: 53.270 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

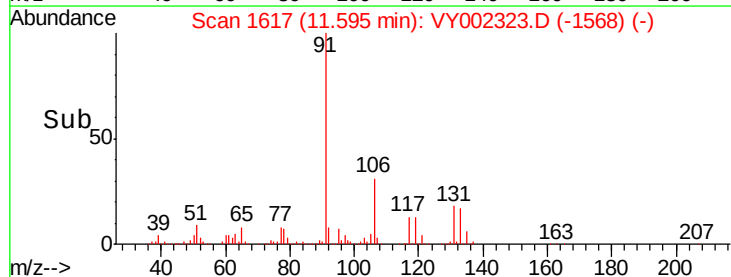
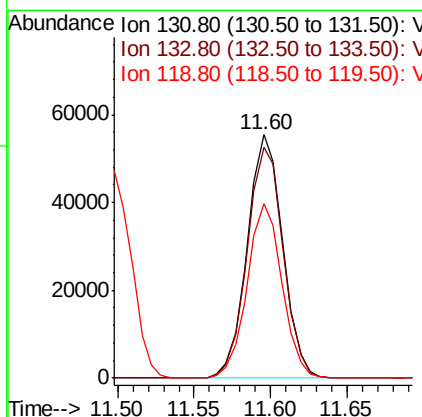
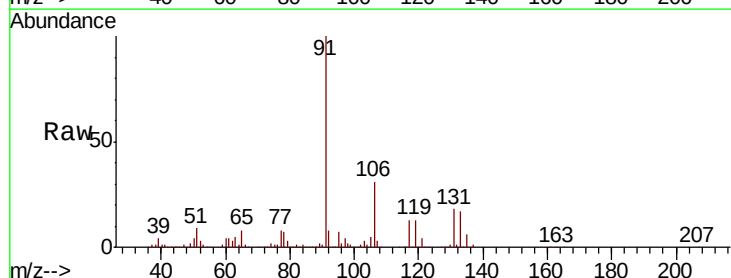
Instrument :
MSVOA_Y
ClientSampleId :

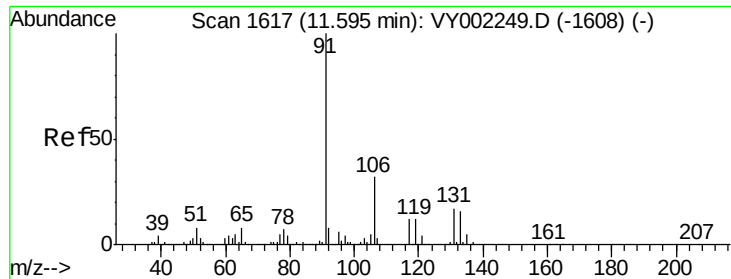
Tot Ion:112 Resp: 264320
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#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

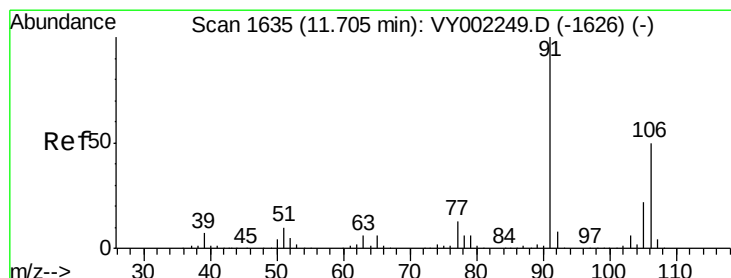
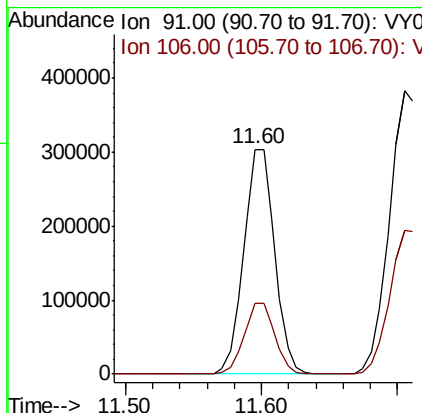
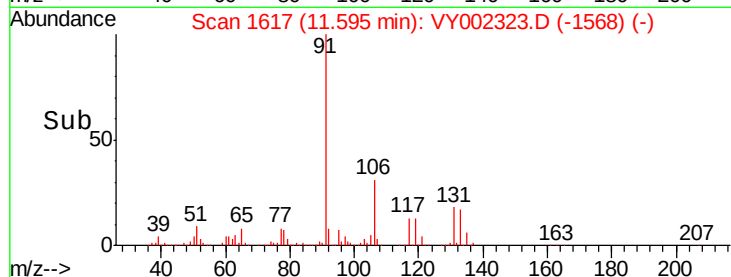
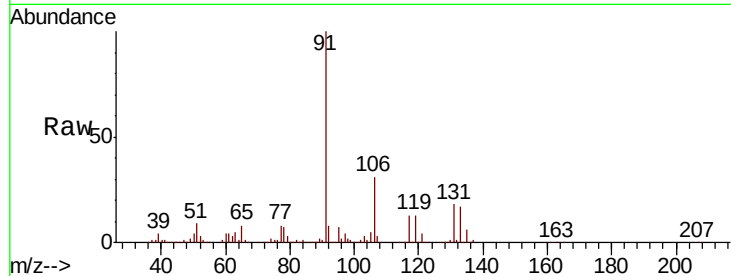




#67
Ethyl Benzene
Concen: 53.043 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

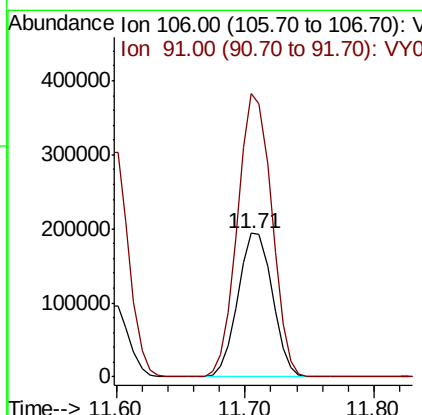
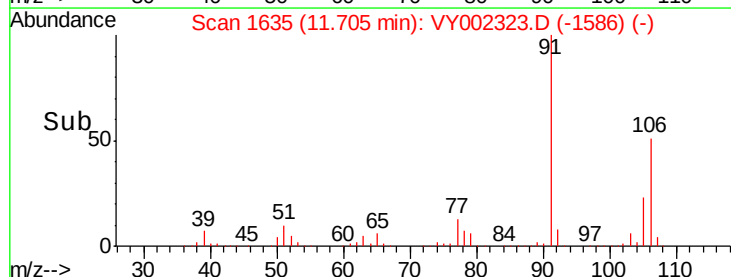
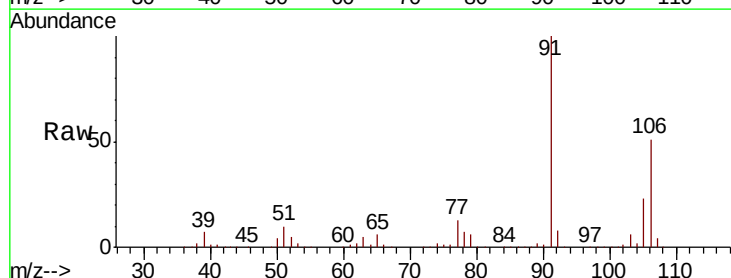
Instrument :
MSVOA_Y
ClientSampleId :

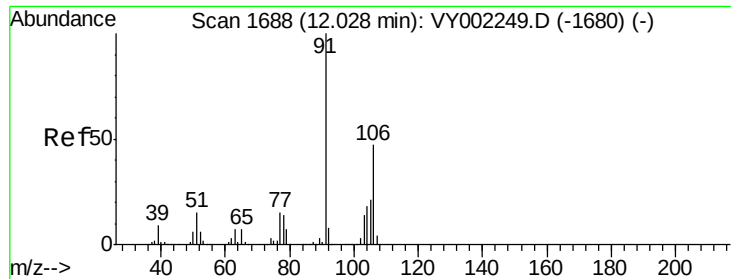
Tot Ion: 91 Resp: 481827
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#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

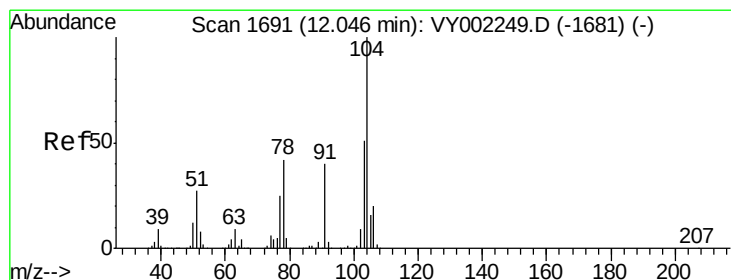
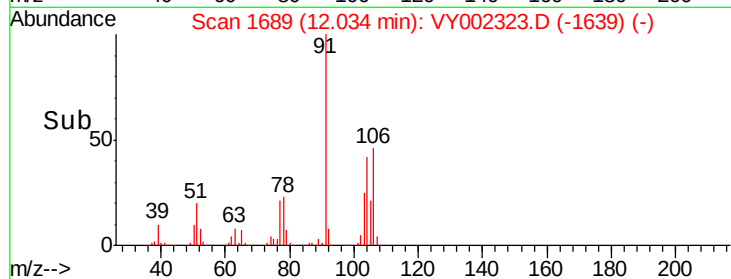
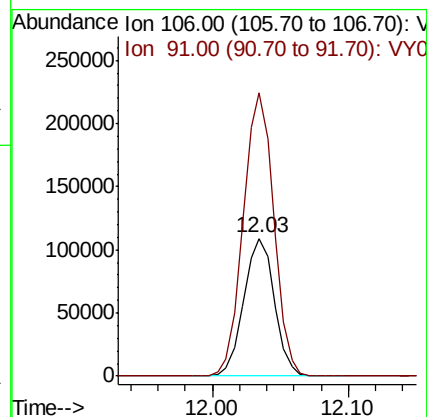
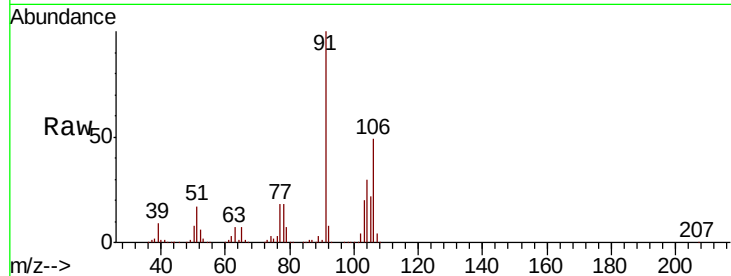




#69
o-Xylene
Concen: 53.524 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

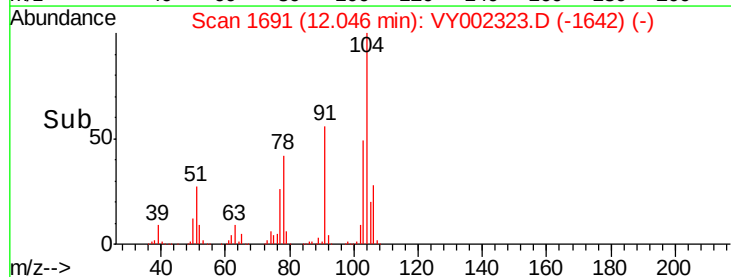
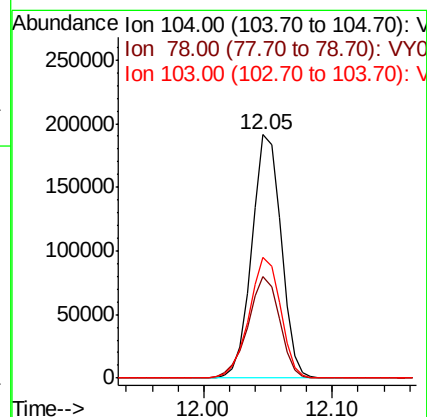
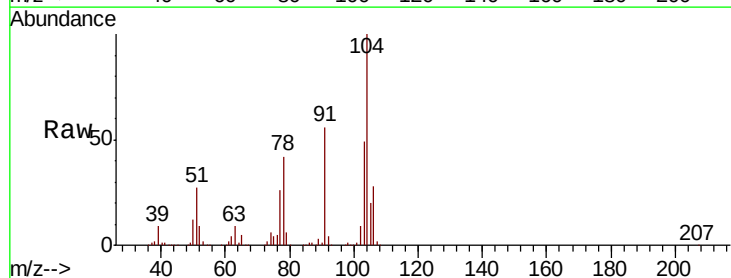
Instrument :
MSVOA_Y
ClientSampled :

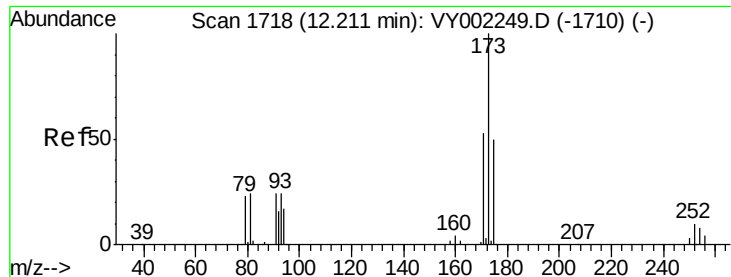
Tot Ion:106 Resp: 170964
Ion Ratio Lower Upper
106 100
91 206.3 105.8 317.3



#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 :

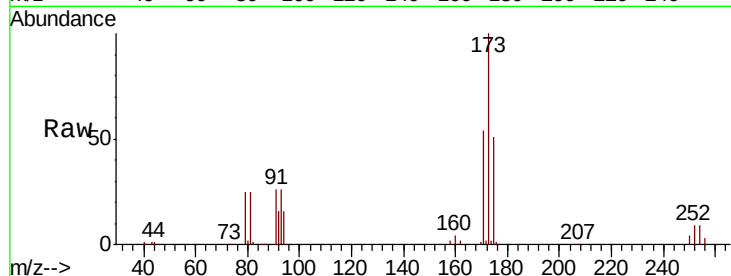
Tot Ion:173 Resp: 48899

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

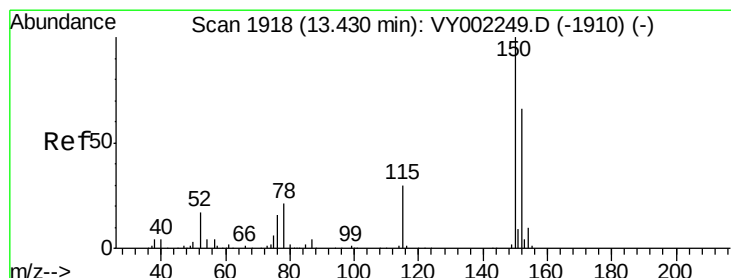
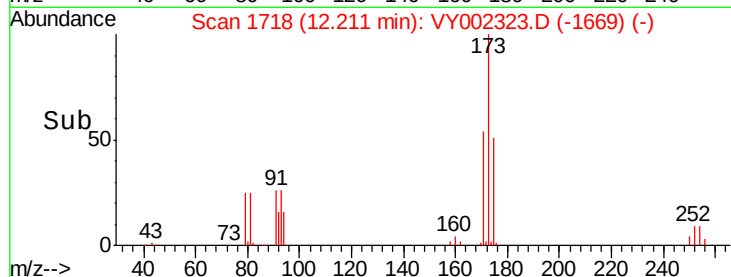
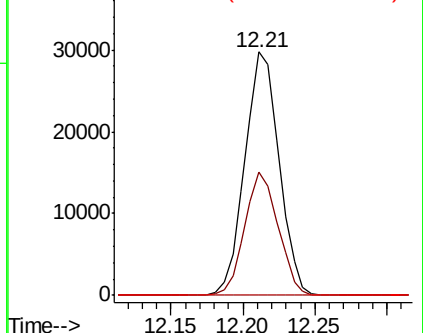
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002323.D

Acq: 14 Apr 2020 20:38

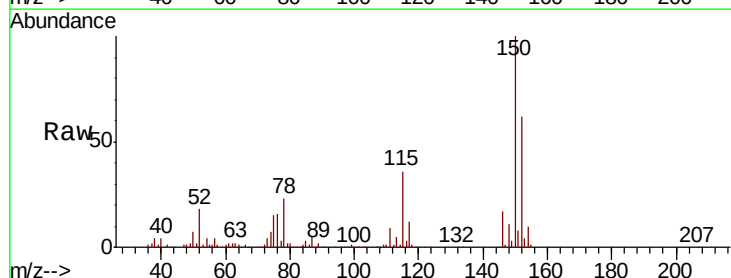
Tgt Ion:152 Resp: 104735

Ion Ratio Lower Upper

152 100

115 59.5 30.7 92.1

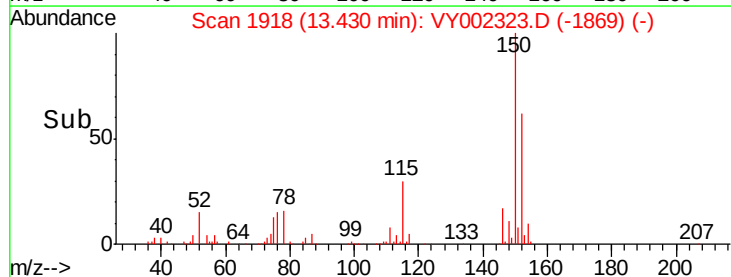
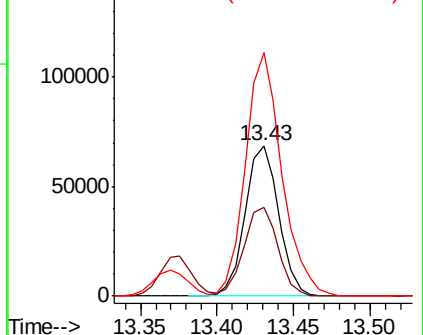
150 175.6 0.0 350.6

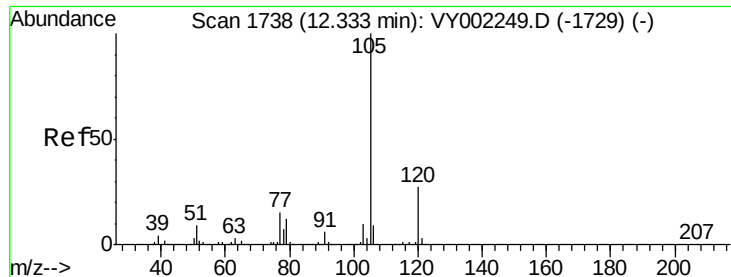


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 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

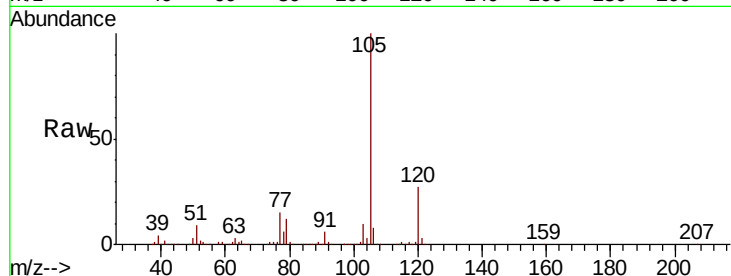
ClientSampleId :

Tot Ion:105 Resp: 447141

Ion Ratio Lower Upper

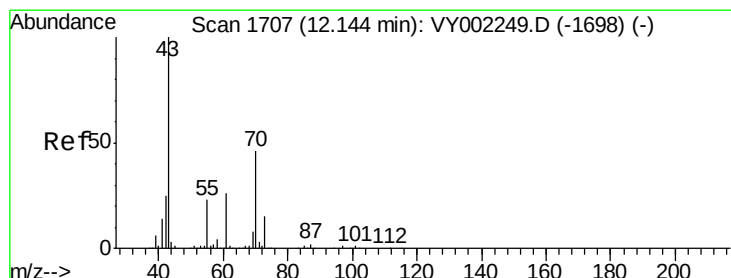
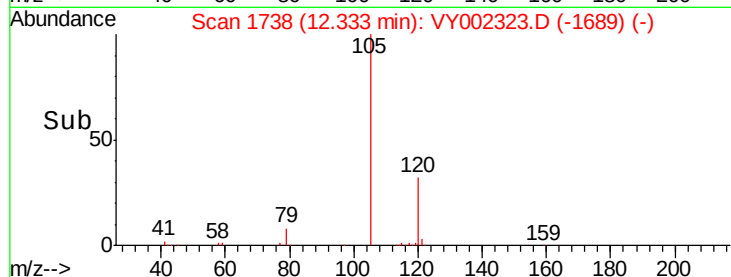
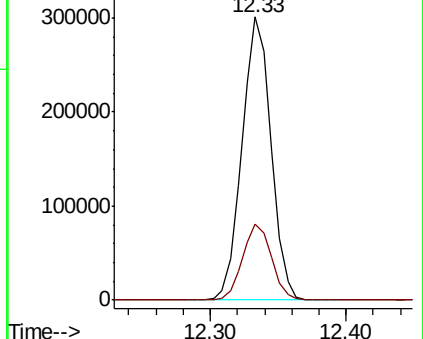
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

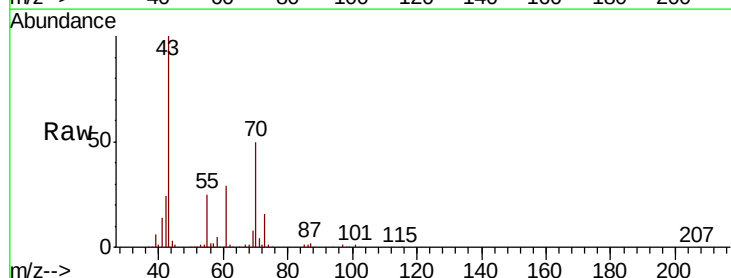
Ion Ratio Lower Upper

43 100

70 49.5 37.5 56.3

55 25.2 19.0 28.6

61 28.1 21.6 32.4

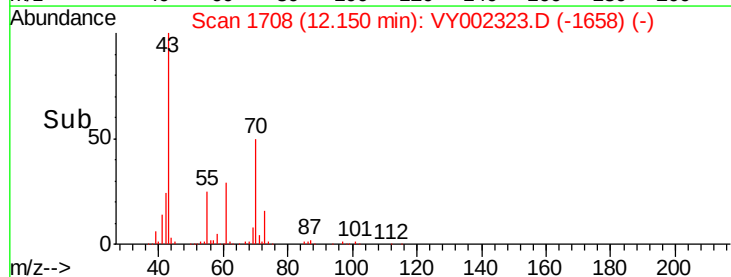
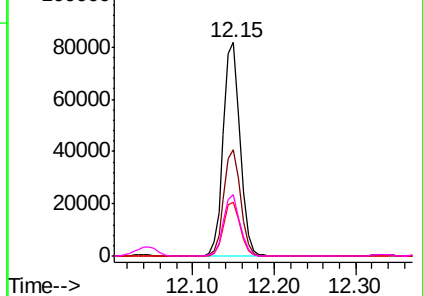


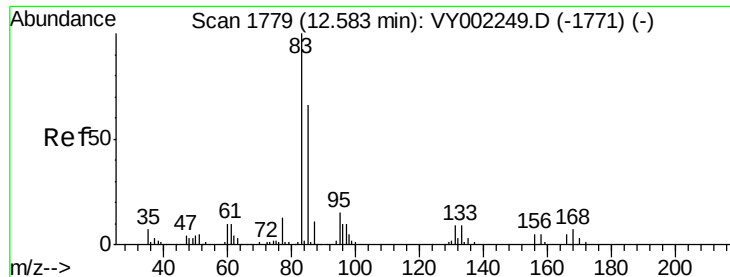
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#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 :

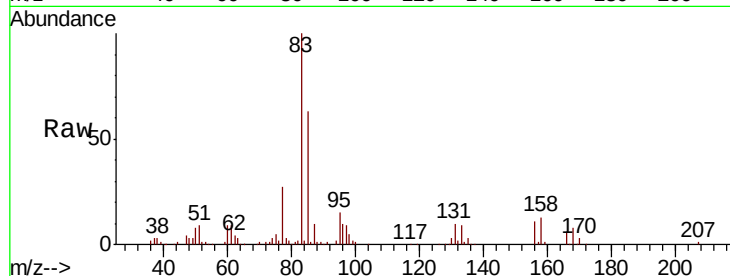
Tot Ion: 83 Resp: 57669

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.0	32.6	97.8

83 100

131 10.1 4.9 14.7

85 64.0 32.6 97.8

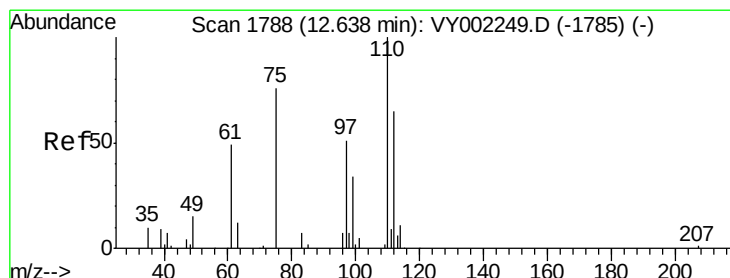
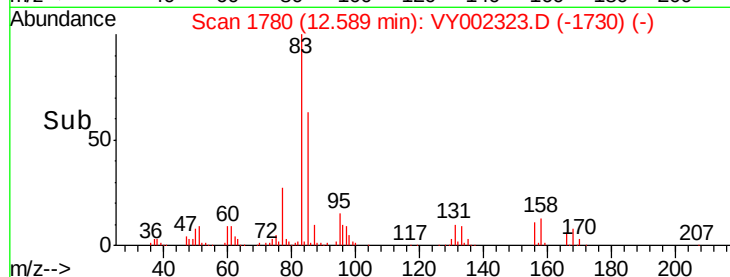
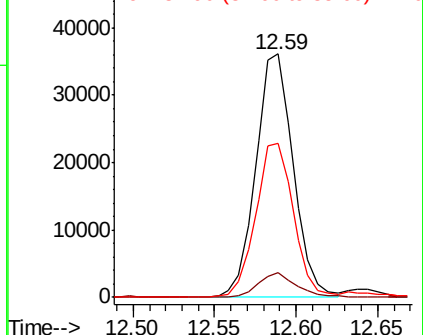


Abundance

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

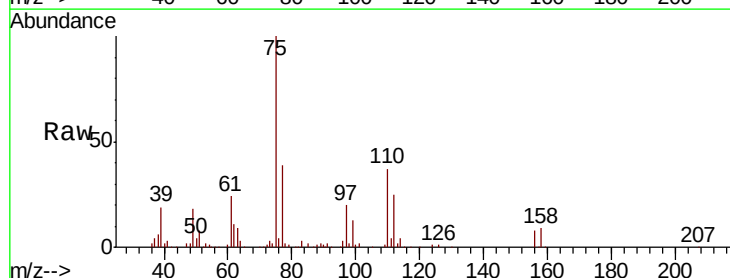
Acq: 14 Apr 2020 20:38

Tgt Ion: 75 Resp: 118991

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

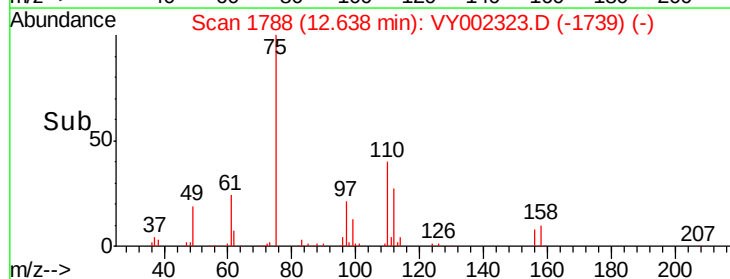
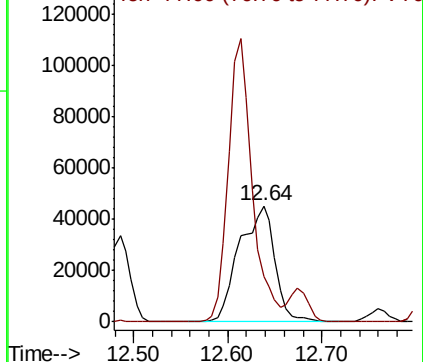
77 0.0 0.0 0.0

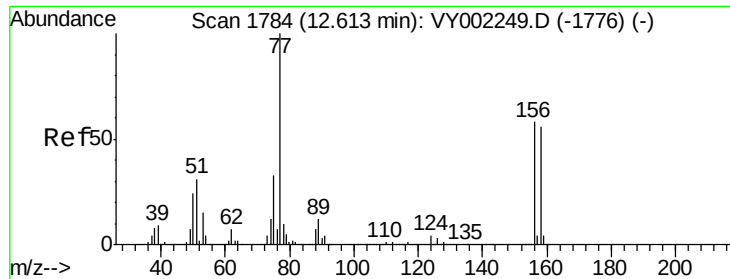


Abundance

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 :

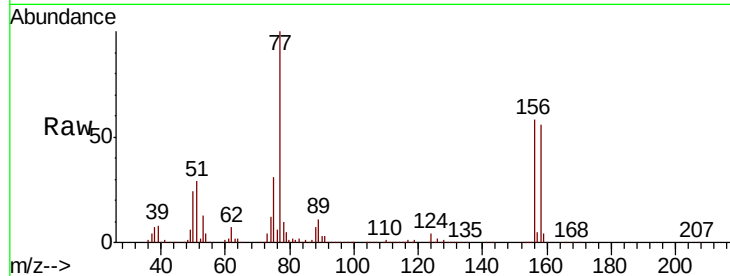
Tot Ion:156 Resp: 98340

Ion Ratio Lower Upper

156 100

77 198.8 101.3 303.9

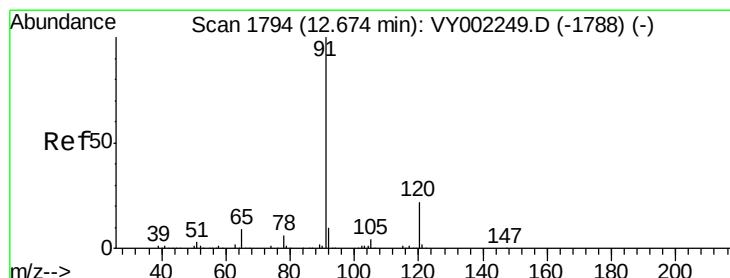
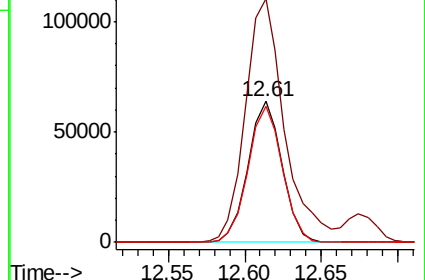
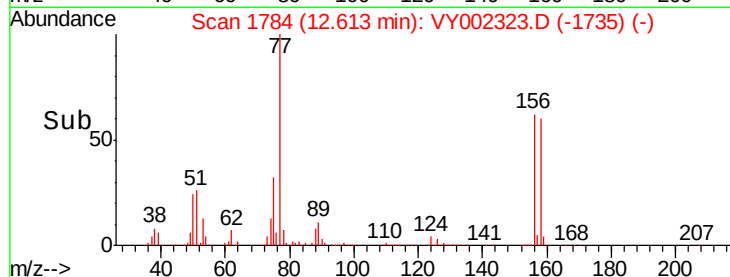
158 97.5 48.3 144.8



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

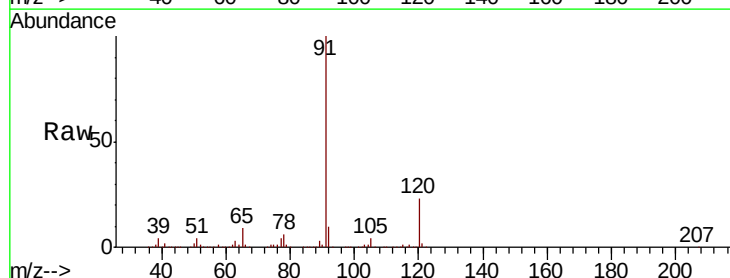
Acq: 14 Apr 2020 20:38

Tgt Ion: 91 Resp: 537966

Ion Ratio Lower Upper

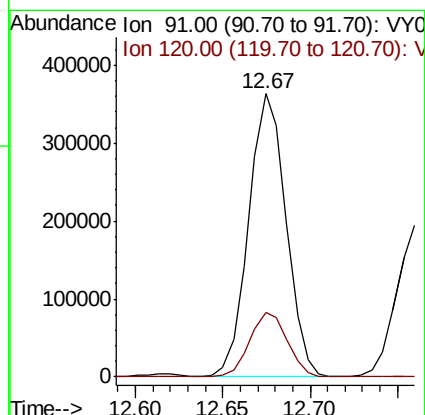
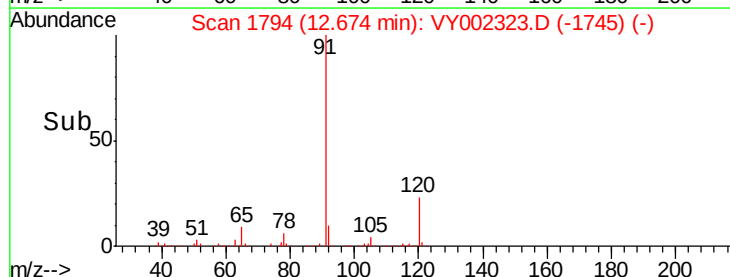
91 100

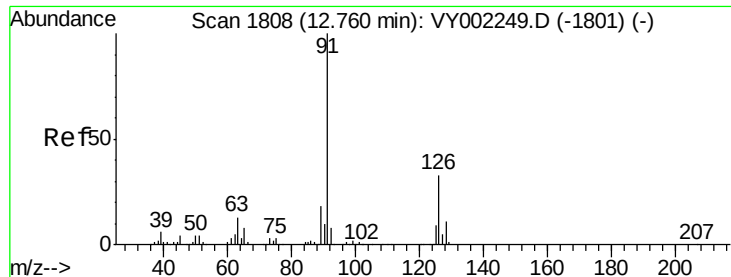
120 23.1 11.2 33.5



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

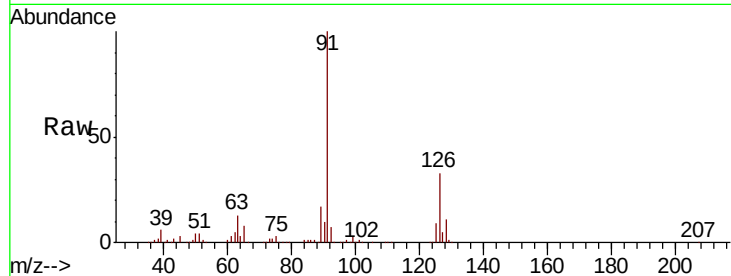
ClientSampleId :

Tot Ion: 91 Resp: 296932

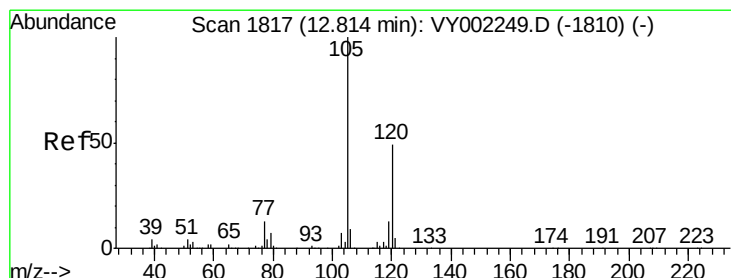
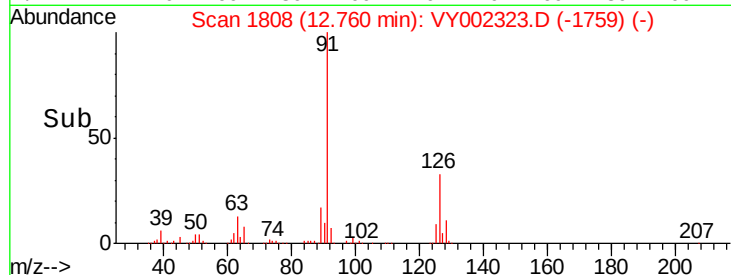
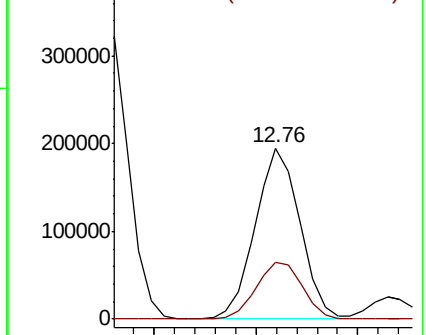
Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002323.D (-1759) (-)



#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

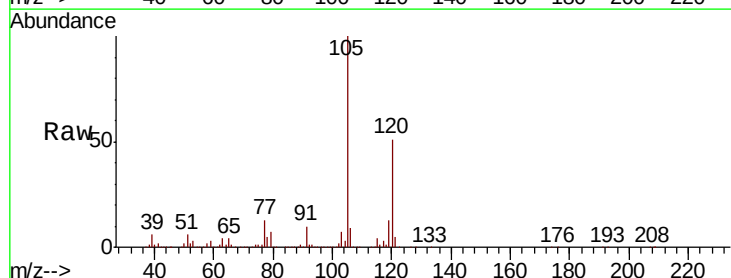
Acq: 14 Apr 2020 20:38

Tgt Ion:105 Resp: 363045

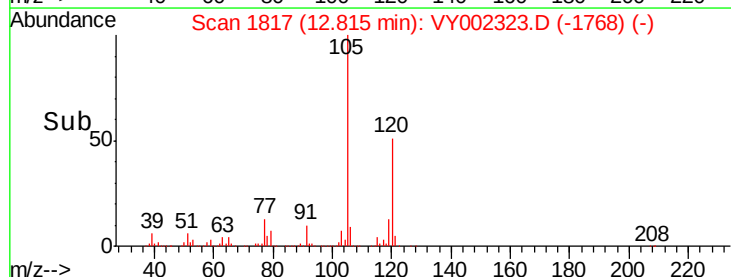
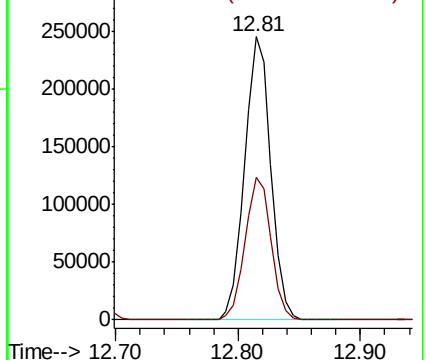
Ion Ratio Lower Upper

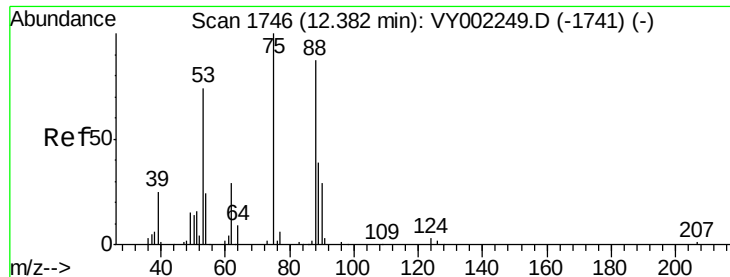
105 100

120 50.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002323.D (-1768) (-)

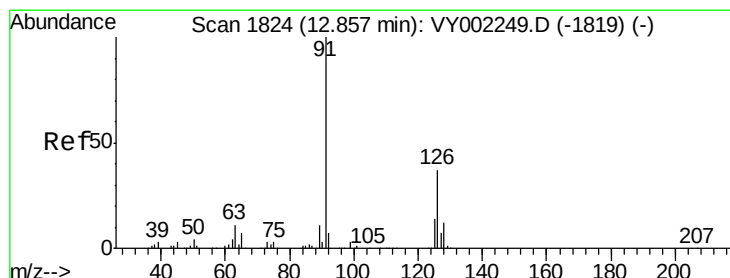
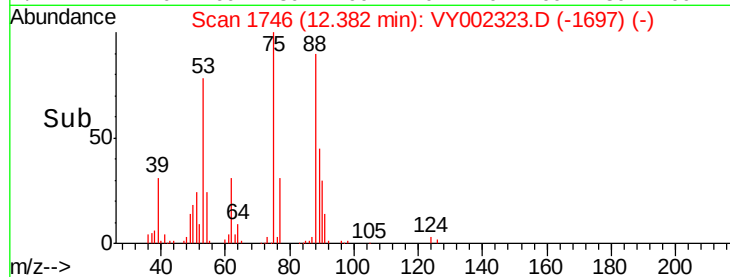
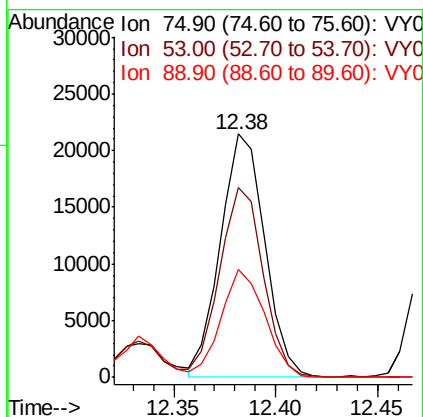
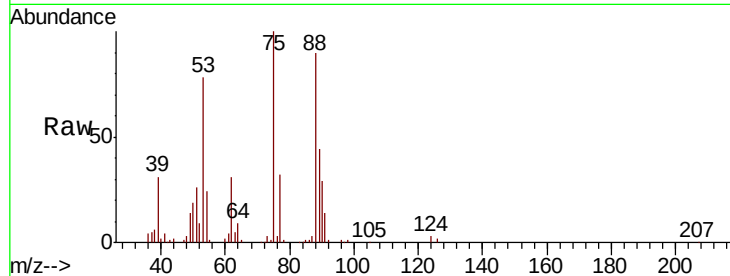




#81
trans-1,4-Dichloro-2-butene
Concen: 51.290 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY002323.D
Acq: 14 Apr 2020 20:38

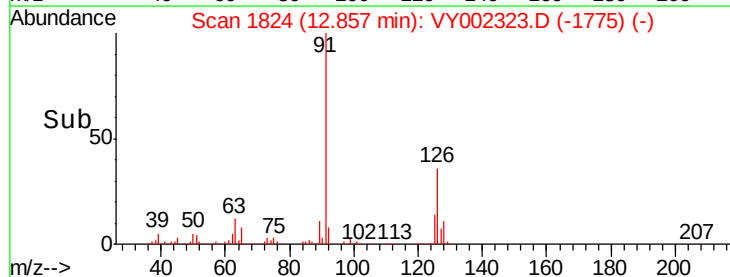
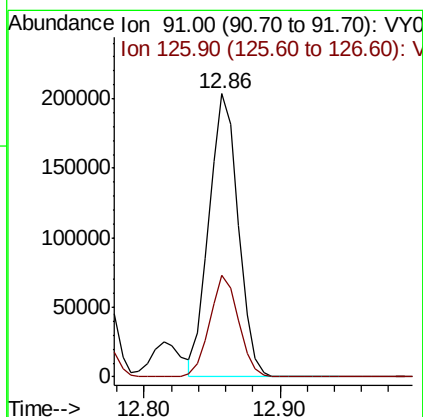
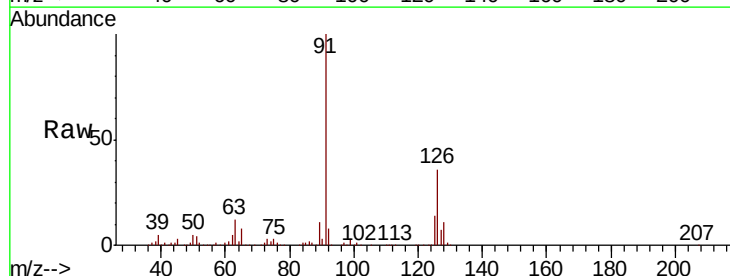
Instrument :
MSVOA_Y
ClientSampled :

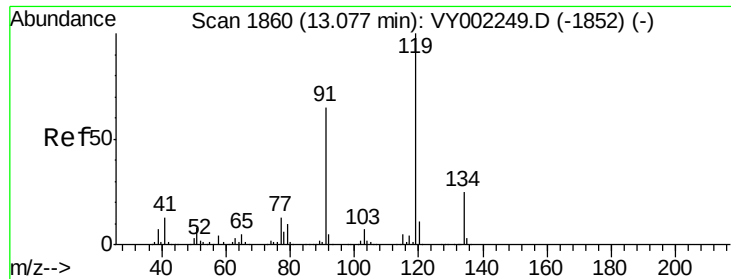
Tot Ion: 75 Resp: 32072
Ion Ratio Lower Upper
75 100
53 78.2 59.8 89.8
89 44.1 37.0 55.6



#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

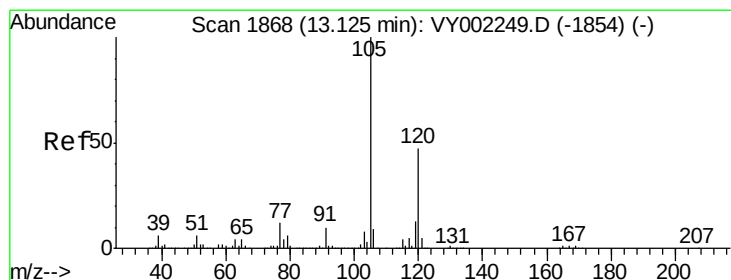
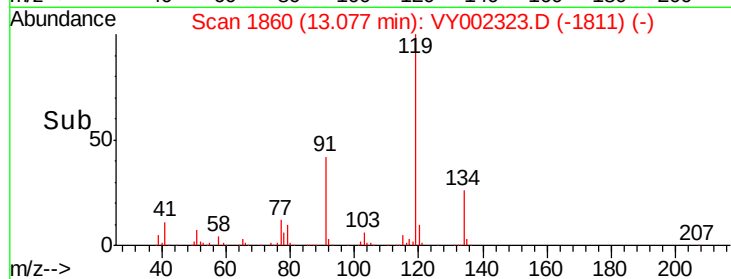
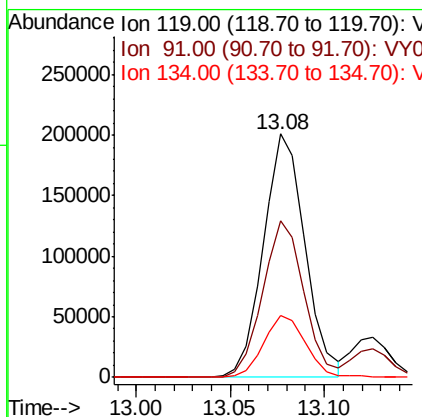
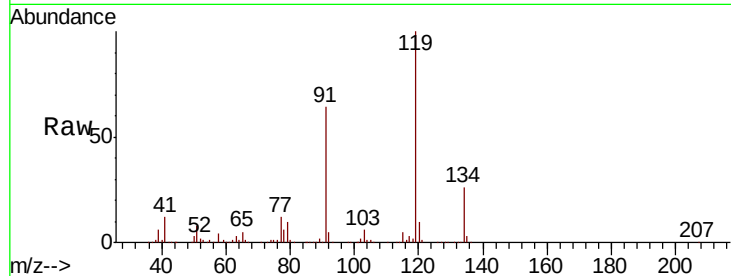




#83
 tert-Butylbenzene
 Concen: 54.049 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

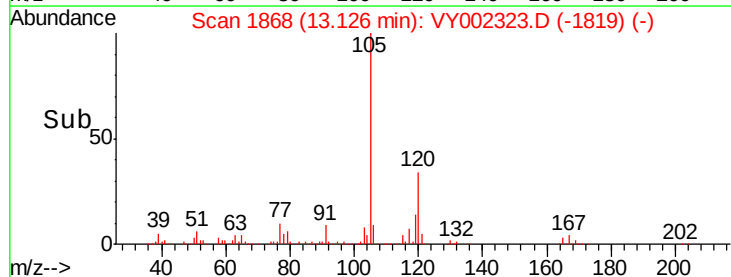
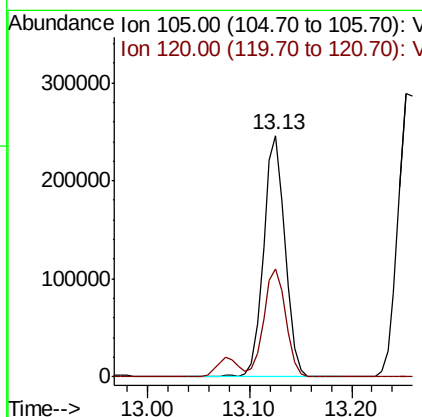
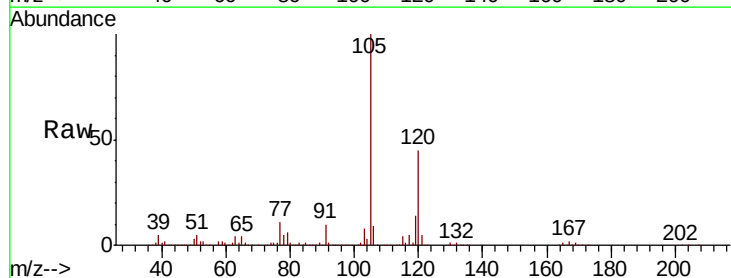
Instrument :
 MSVOA_Y
 ClientSampleId :

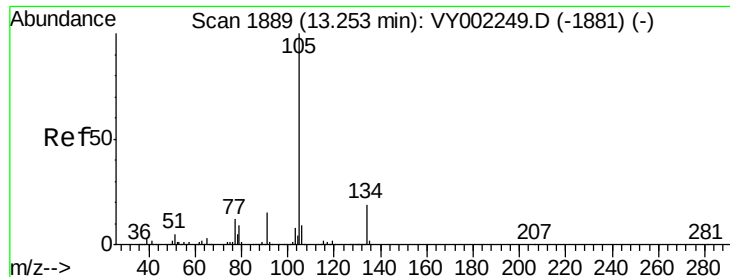
Tot Ion:119 Resp: 308076
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.4 97.0
 134 25.7 12.6 37.6



#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

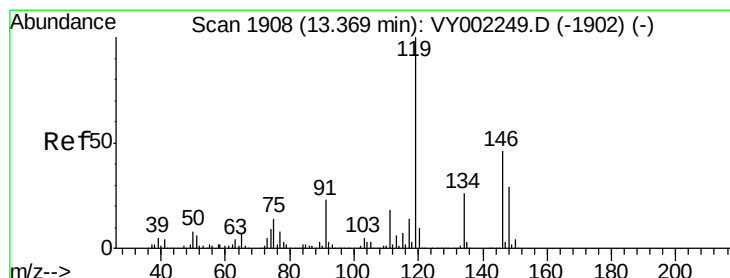
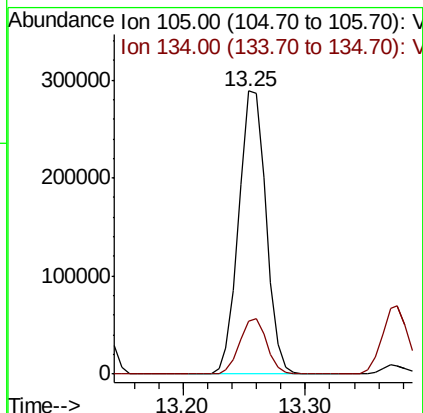
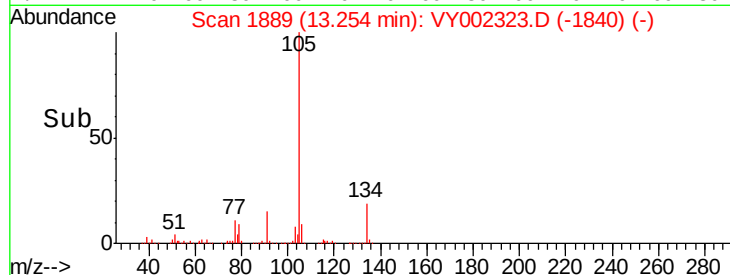
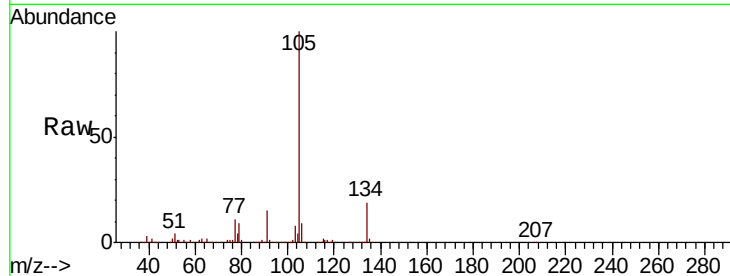
ClientSampleId :

Tot Ion:105 Resp: 445909

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#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

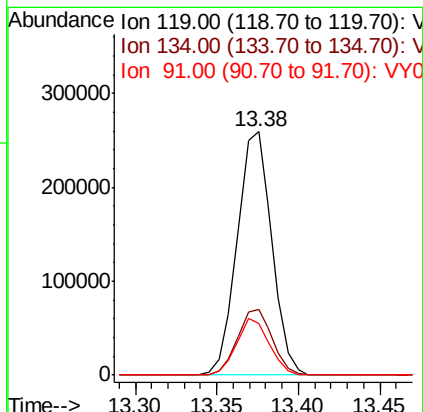
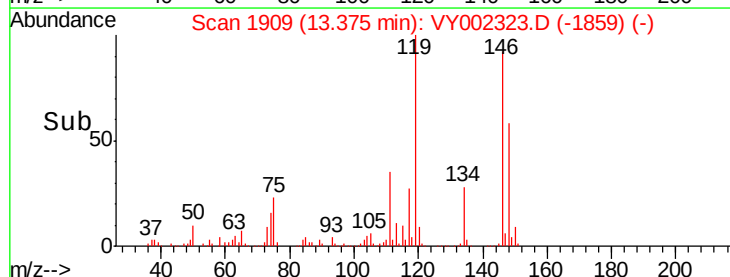
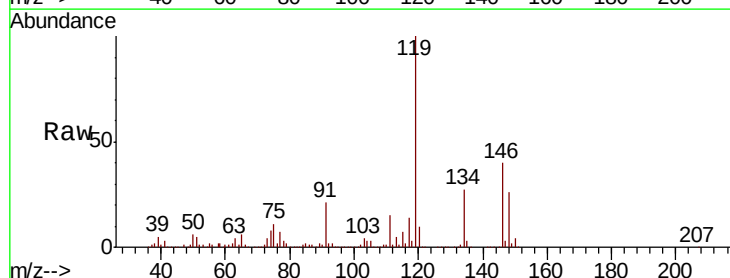
Tgt Ion:119 Resp: 382434

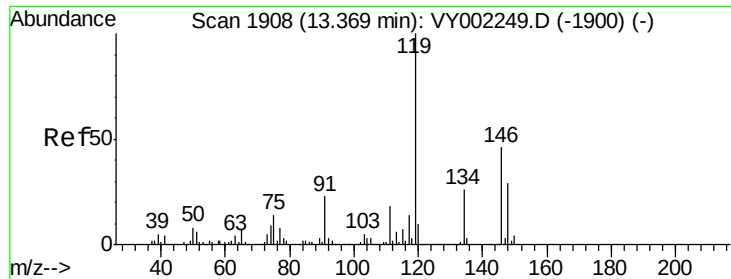
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.4 11.5 34.4

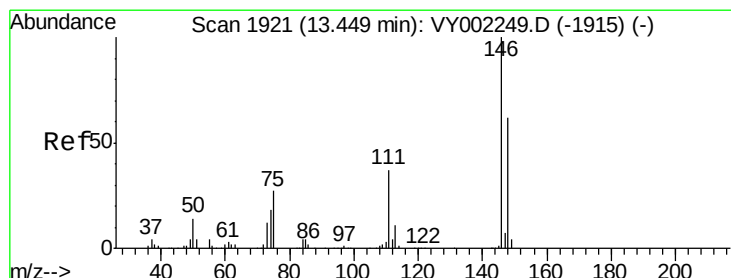
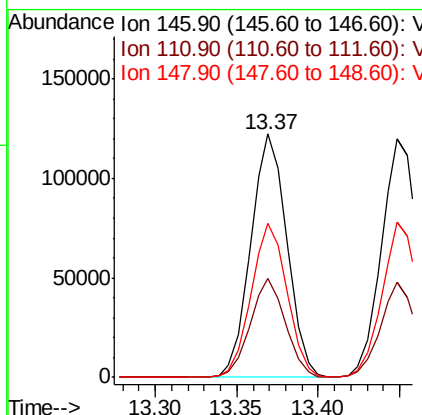
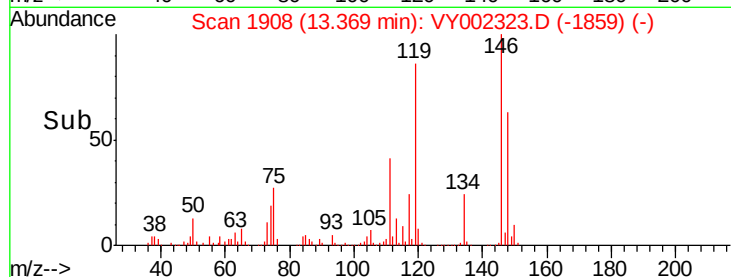
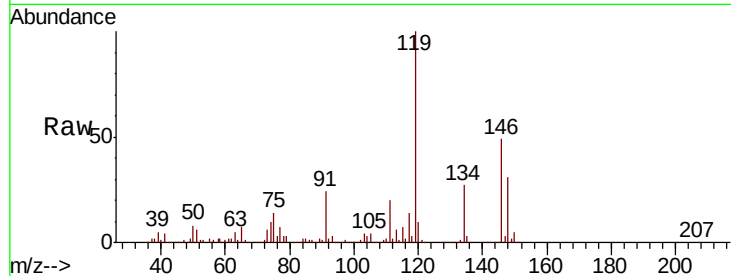




#87
 1,3-Dichlorobenzene
 Concen: 53.662 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

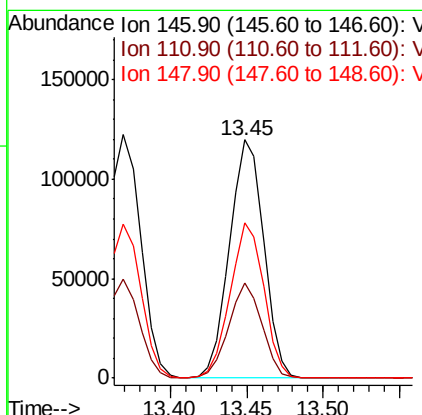
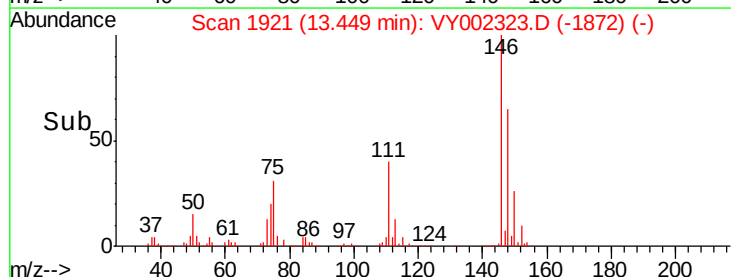
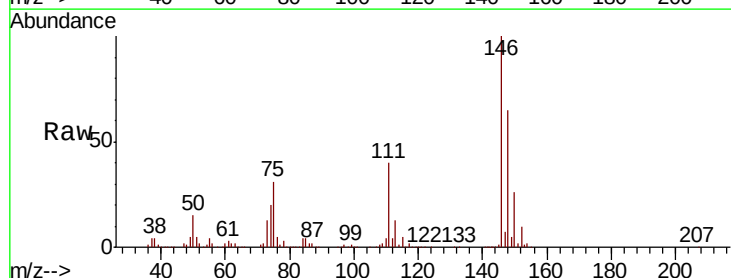
Instrument :
 MSVOA_Y
 ClientSampleId :

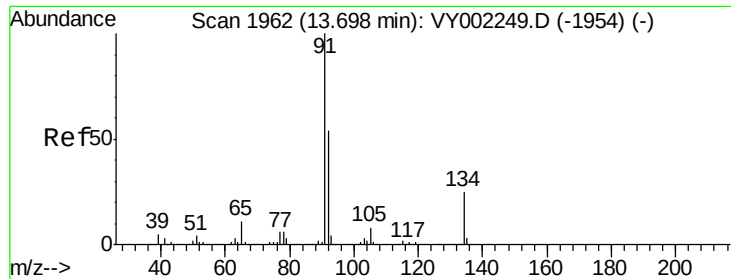
Tot Ion:146 Resp: 188262
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 62.7 32.1 96.3



#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 :

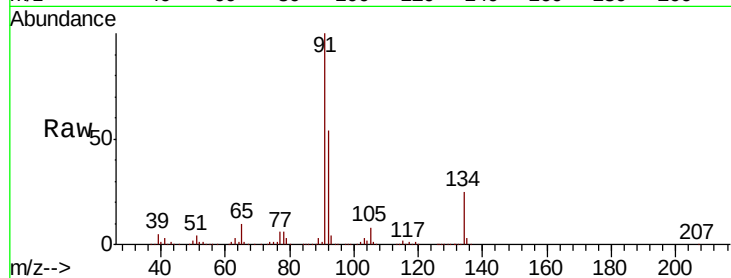
Tot Ion: 91 Resp: 378933

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

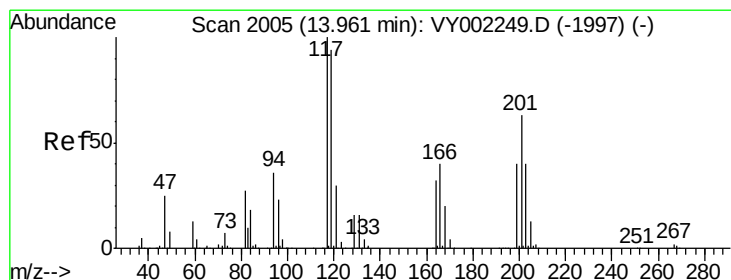
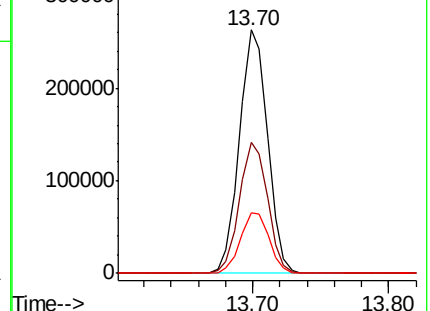
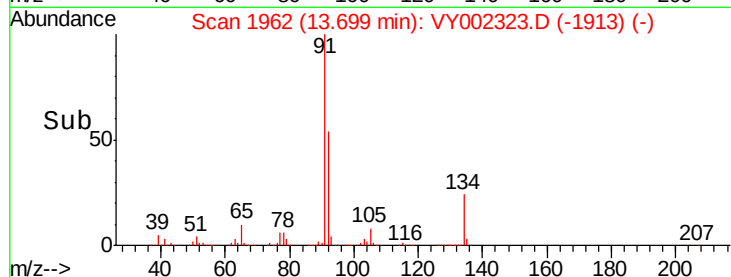
134 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002323.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY002323.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY002323.D (-1913) (-)



#90

Hexachloroethane

Concen: 52.972 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY002323.D

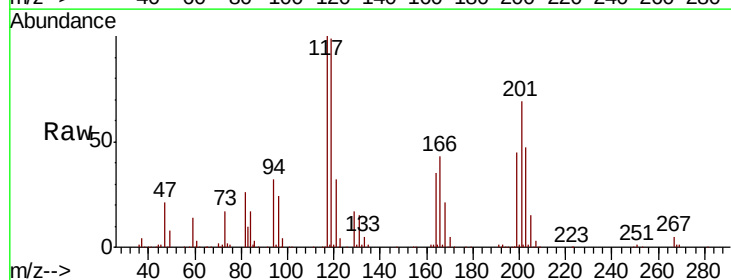
Acq: 14 Apr 2020 20:38

Tgt Ion: 117 Resp: 73768

Ion Ratio Lower Upper

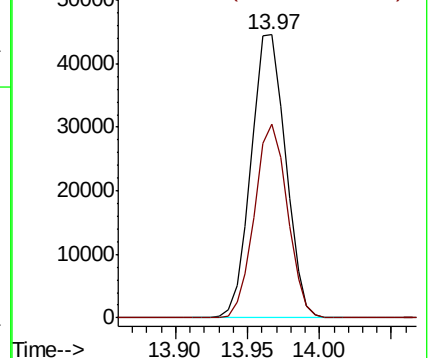
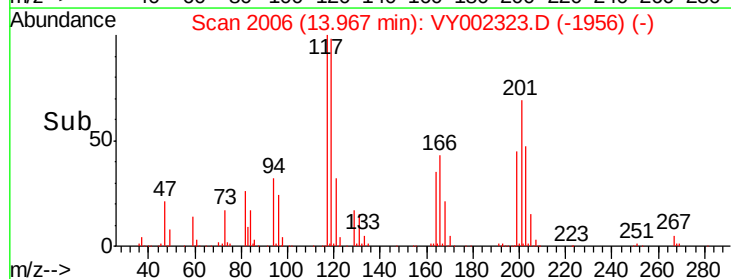
117 100

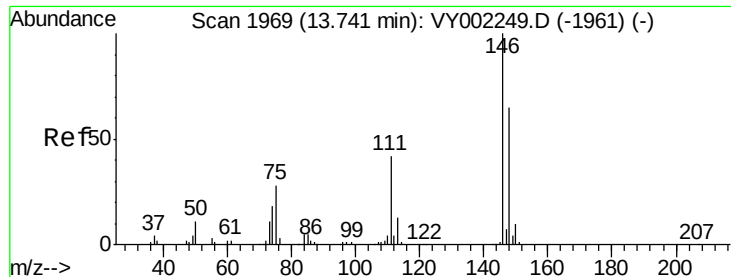
201 65.5 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): VY002323.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002323.D (-1956) (-)

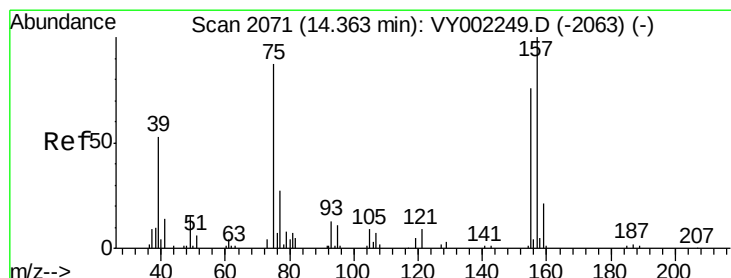
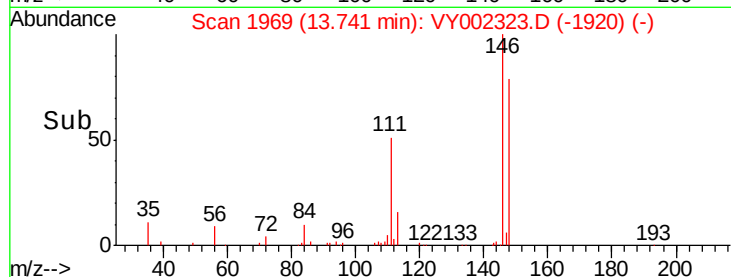
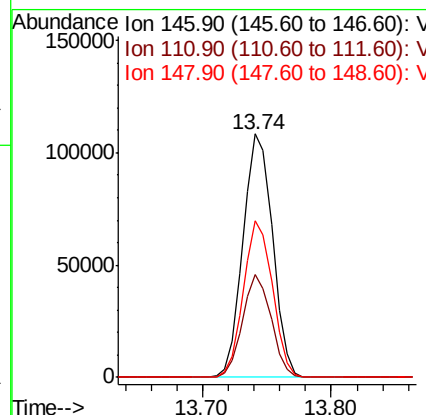
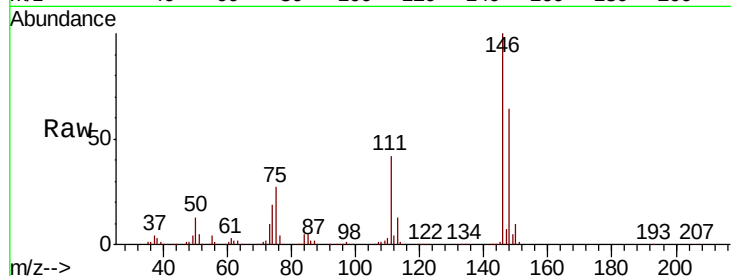




#91
 1,2-Dichlorobenzene
 Concen: 53.944 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

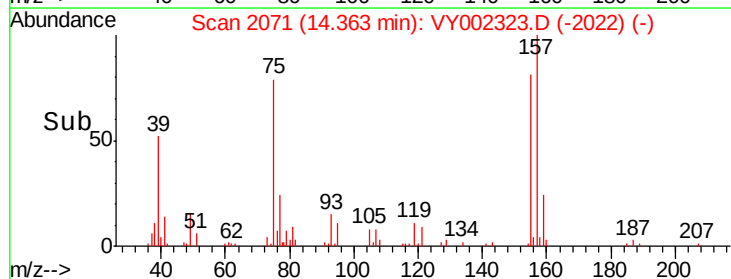
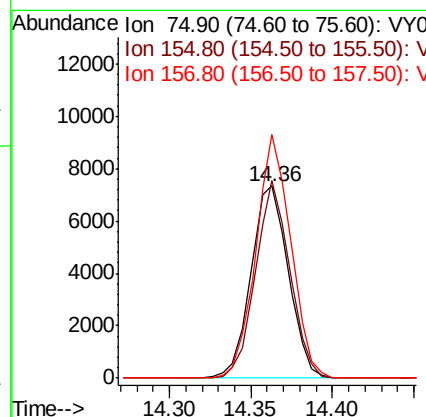
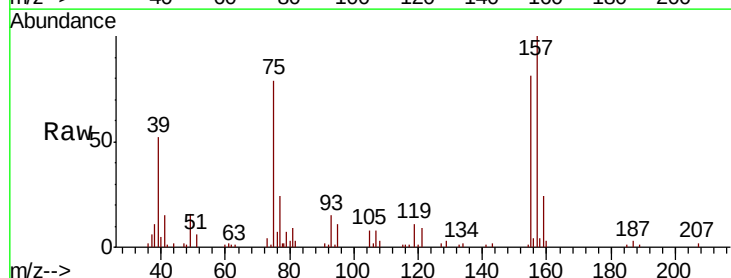
Instrument :
 MSVOA_Y
 ClientSampled :

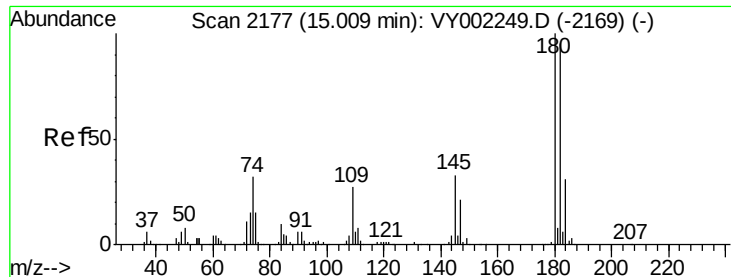
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.1
148	62.8	31.9	95.9



#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	Ratio	Lower	Upper
75	100		
155	93.7	43.6	130.8
157	117.9	56.0	168.2

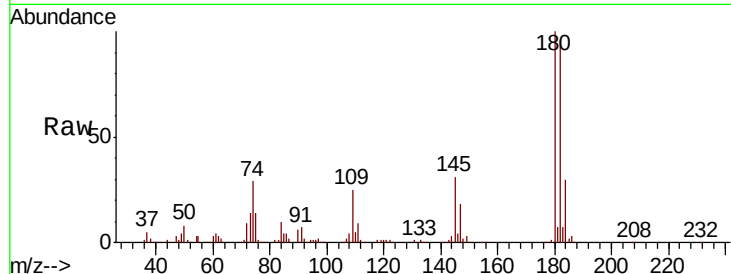




#93
 1,2,4-Trichlorobenzene
 Concen: 48.098 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002323.D
 Acq: 14 Apr 2020 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :

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

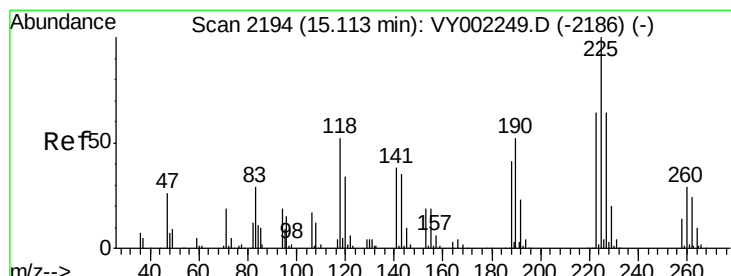
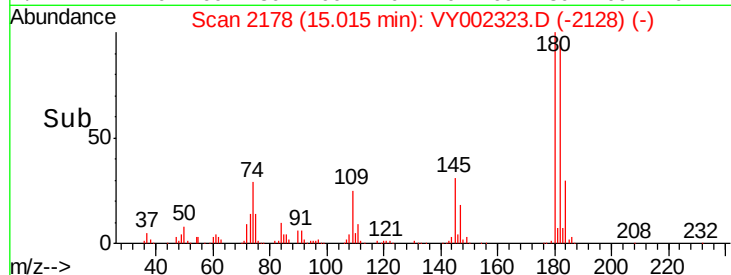
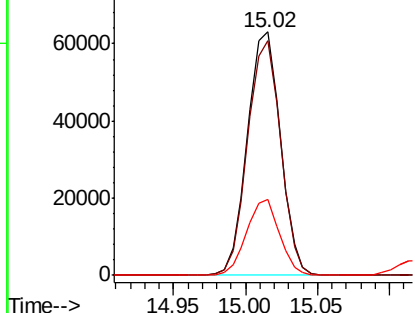


Abundance

Ion 179.80 (179.50 to 180.50): V

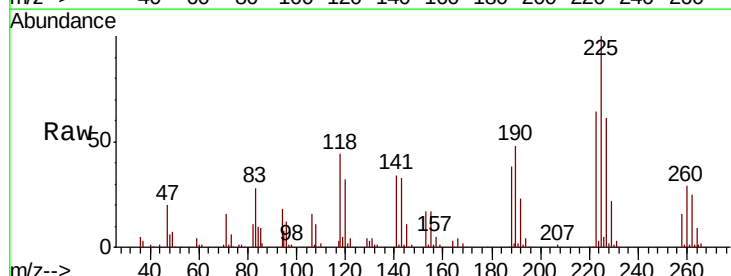
Ion 181.80 (181.50 to 182.50): V

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	Ratio	Lower	Upper
225	100		
223	64.0	31.0	93.0
227	63.2	31.3	93.9

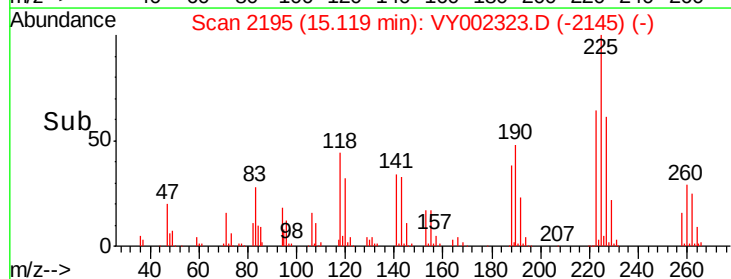
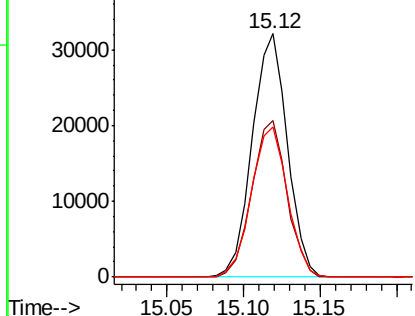


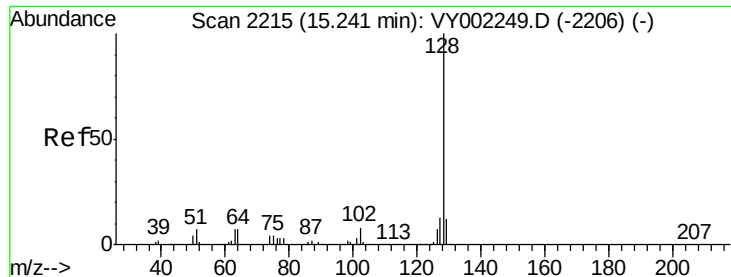
Abundance

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 :

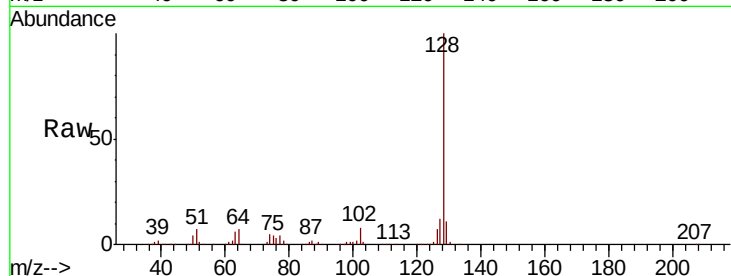
Tot Ion:128 Resp: 231759

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

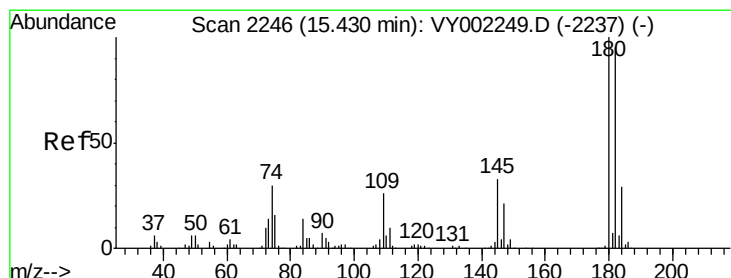
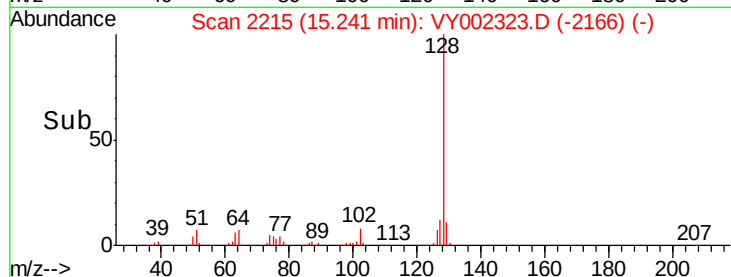
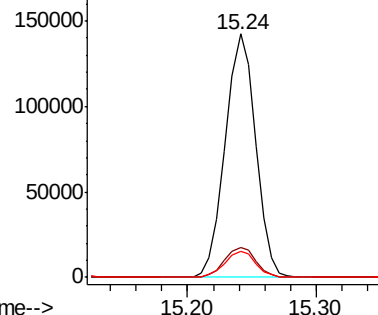
129 10.9 8.7 13.1



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

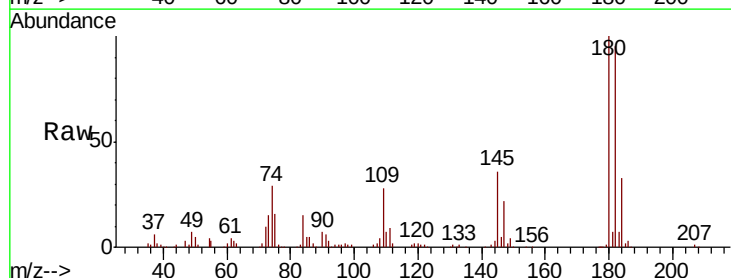
Tgt Ion:180 Resp: 87774

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

