

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002384.D
 Acq On : 16 Apr 2020 21:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:09:00 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	142165	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	271002	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	247488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	112328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	78170	49.44	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	98.88%	
35) Dibromofluoromethane	7.75	113	83152	51.57	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	103.14%	
50) Toluene-d8	10.19	98	333995	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.49	95	112296	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	64350	44.787	ug/l	98
3) Chloromethane	2.13	50	83995	46.450	ug/l	99
4) Vinyl Chloride	2.27	62	88467	45.963	ug/l	98
5) Bromomethane	2.67	94	59396	49.972	ug/l	99
6) Chloroethane	2.82	64	54188	48.817	ug/l	100
7) Trichlorofluoromethane	3.15	101	120618	48.525	ug/l	97
8) Diethyl Ether	3.56	74	61203	57.919	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	86642	51.314	ug/l	99
10) Methyl Iodide	4.13	142	104149	53.066	ug/l	97
11) Tert butyl alcohol	4.99	59	48901	296.603	ug/l	98
12) 1,1-Dichloroethene	3.91	96	88400	51.497	ug/l	91
13) Acrolein	3.76	56	39630	194.411	ug/l	99
14) Allyl chloride	4.52	41	130491	47.074	ug/l	96
15) Acrylonitrile	5.21	53	153648	284.333	ug/l	100
16) Acetone	3.98	43	94392	226.685	ug/l	94
17) Carbon Disulfide	4.23	76	278711	48.888	ug/l	99
18) Methyl Acetate	4.51	43	70964	54.943	ug/l	94
19) Methyl tert-butyl Ether	5.26	73	252957	56.052	ug/l	97
20) Methylene Chloride	4.75	84	114919	56.149	ug/l	93
21) trans-1,2-Dichloroethene	5.26	96	100865	52.349	ug/l	94
22) Diisopropyl ether	6.16	45	281296	50.425	ug/l	98
23) Vinyl Acetate	6.10	43	908052	255.430	ug/l	96
24) 1,1-Dichloroethane	6.05	63	163298	51.464	ug/l	99
25) 2-Butanone	7.02	43	169352	256.993	ug/l	95
26) 2,2-Dichloropropane	7.01	77	116969	44.068	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	113683	54.125	ug/l	94
28) Bromochloromethane	7.37	49	68293	49.859	ug/l	91
29) Tetrahydrofuran	7.38	42	114566	263.008	ug/l	93
30) Chloroform	7.53	83	158855	53.110	ug/l	98
31) Cyclohexane	7.81	56	151462	45.475	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	124825	50.139	ug/l	98
36) 1,1-Dichloropropene	7.94	75	123960	46.439	ug/l	97
37) Ethyl Acetate	7.11	43	72479	47.529	ug/l	96
38) Carbon Tetrachloride	7.93	117	107297	46.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	171219	47.153	ug/l	95
40) Benzene	8.19	78	408098	50.390	ug/l	99
41) Methacrylonitrile	7.37	41	99014	110.067	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	98264	48.981	ug/l	98
43) Isopropyl Acetate	8.30	43	135387	48.680	ug/l	96
44) Trichloroethene	8.96	130	118277	49.674	ug/l	95
45) 1,2-Dichloropropane	9.24	63	101628	50.575	ug/l	99
46) Dibromomethane	9.32	93	56119	53.414	ug/l	97
47) Bromodichloromethane	9.52	83	123582	51.263	ug/l	96
48) Methyl methacrylate	9.31	41	59623	47.811	ug/l	90
49) 1,4-Dioxane	9.31	88	16884	1136.046	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	363016	250.493	ug/l	96
52) Toluene	10.26	92	245965	50.395	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	133730	50.913	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	159999	50.667	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	84440	54.895	ug/l	97
56) Ethyl methacrylate	10.52	69	118763	54.096	ug/l	90
57) 1,3-Dichloropropane	10.80	76	142524	52.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	298150	262.253	ug/l	98
59) 2-Hexanone	10.85	43	250084	248.645	ug/l	94
60) Dibromochloromethane	11.00	129	90250	55.024	ug/l	98
61) 1,2-Dibromoethane	11.10	107	78160	53.374	ug/l	99
64) Tetrachloroethene	10.74	164	124727	49.848	ug/l	97
65) Chlorobenzene	11.53	112	263596	51.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	89161	52.493	ug/l	99
67) Ethyl Benzene	11.61	91	466026	49.482	ug/l	98
68) m/p-Xylenes	11.71	106	348503	98.797	ug/l	98
69) o-Xylene	12.04	106	168265	50.809	ug/l	96
70) Styrene	12.05	104	294964	51.337	ug/l	98
71) Bromoform	12.22	173	51170	55.398	ug/l #	98
73) Isopropylbenzene	12.34	105	433957	49.176	ug/l	99
74) N-amyl acetate	12.16	43	119373	47.654	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	60118	56.308	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	122057	93.575	ug/l #	100
77) Bromobenzene	12.62	156	99625	51.314	ug/l	97
78) n-propylbenzene	12.68	91	525653	47.895	ug/l	99
79) 2-Chlorotoluene	12.77	91	289850	48.596	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	355362	48.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	35240	52.547	ug/l	93
82) 4-Chlorotoluene	12.86	91	300567	48.080	ug/l	98
83) tert-Butylbenzene	13.08	119	297200	48.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	358124	49.140	ug/l	99
85) sec-Butylbenzene	13.27	105	435620	47.835	ug/l	99
86) p-Isopropyltoluene	13.38	119	380875	48.595	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	188552	50.111	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	187915	49.200	ug/l	100
89) n-Butylbenzene	13.70	91	376559	46.871	ug/l	99
90) Hexachloroethane	13.97	117	73606	49.282	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	173016	50.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13115	50.790	ug/l	91

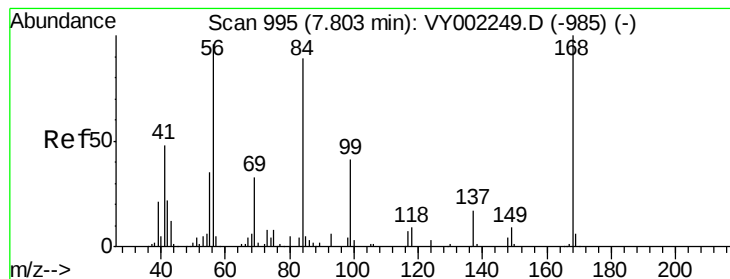
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107771	48.225	ug/l	99
94) Hexachlorobutadiene	15.12	225	52852	46.956	ug/l	99
95) Naphthalene	15.25	128	261121	53.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	94250	48.570	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

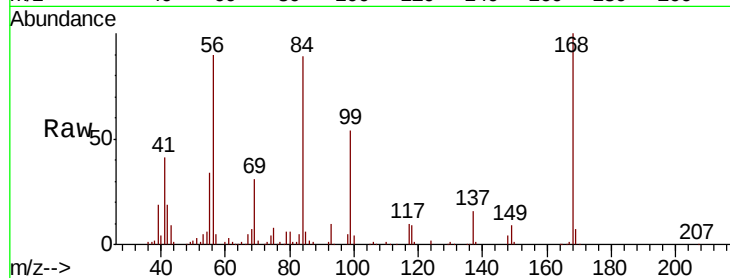
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 142165

Ion Ratio Lower Upper

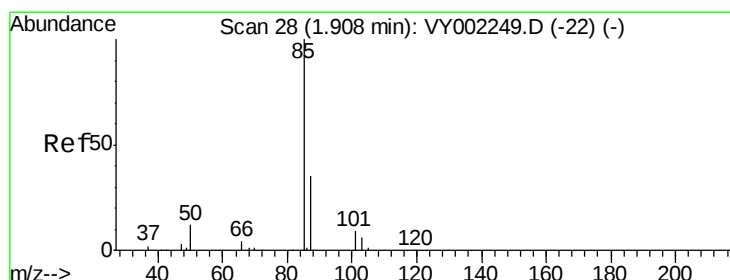
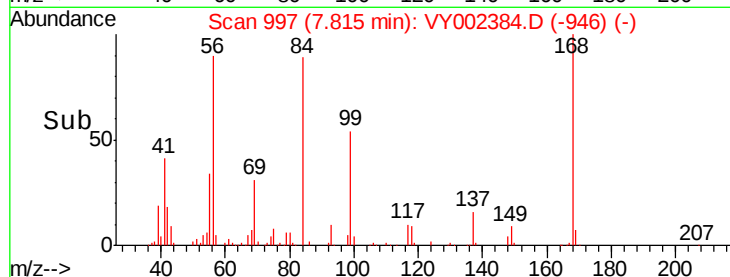
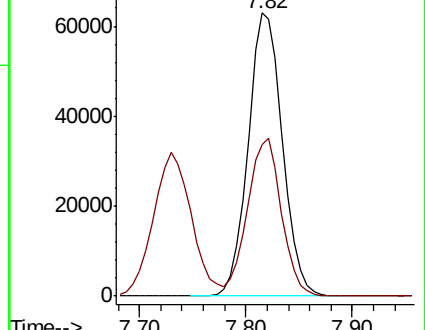
168 100

99 53.7 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: 44.787 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002384.D

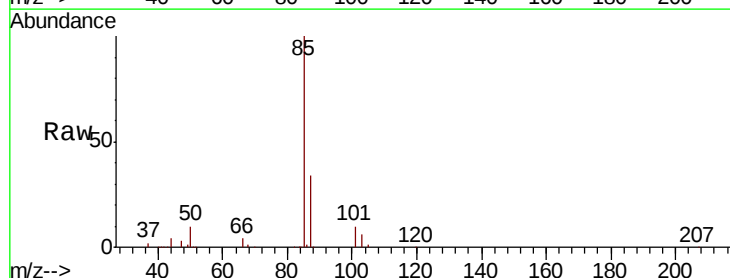
Acq: 16 Apr 2020 21:34

Tgt Ion: 85 Resp: 64350

Ion Ratio Lower Upper

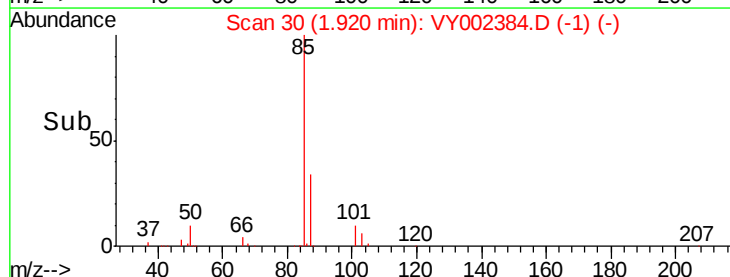
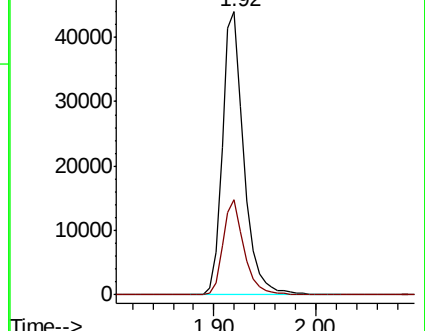
85 100

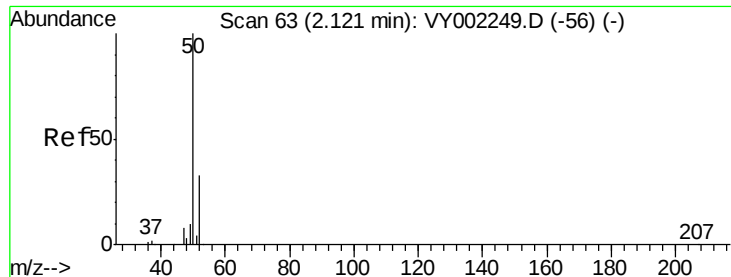
87 33.5 17.3 51.9



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: 46.450 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

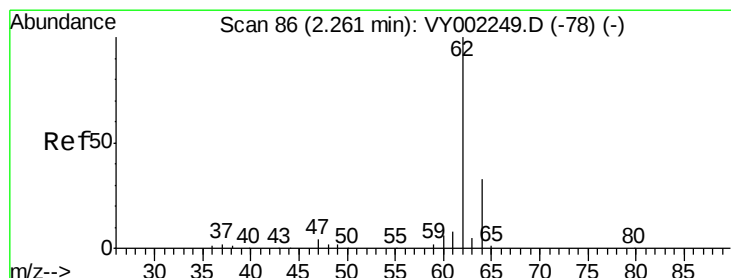
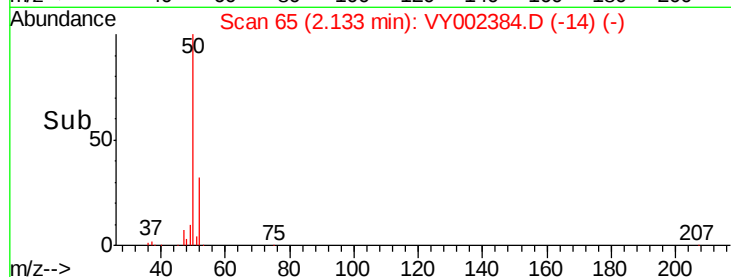
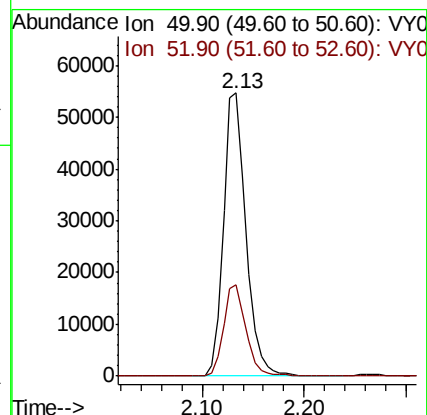
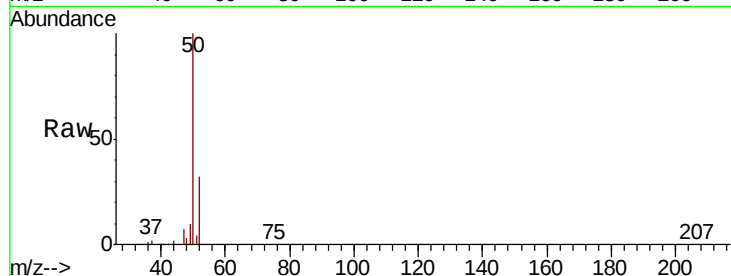
ClientSampleId :

Tot Ion: 50 Resp: 83995

Ion Ratio Lower Upper

50 100

52 32.4 26.6 39.8



#4

Vinyl Chloride

Concen: 45.963 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002384.D

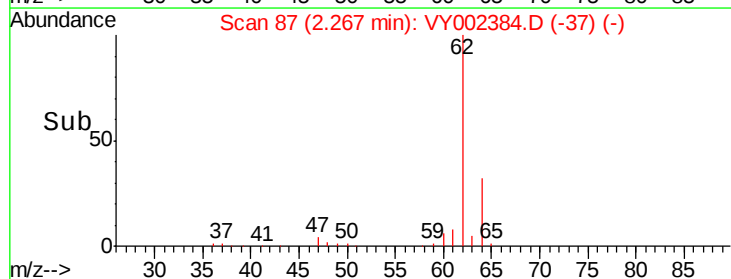
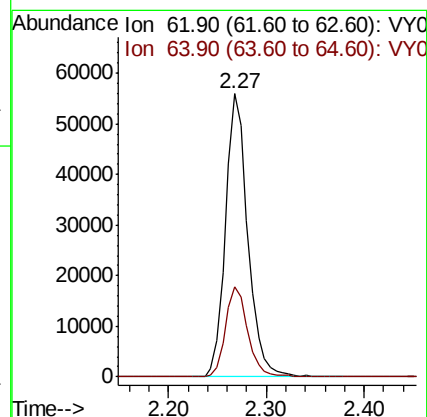
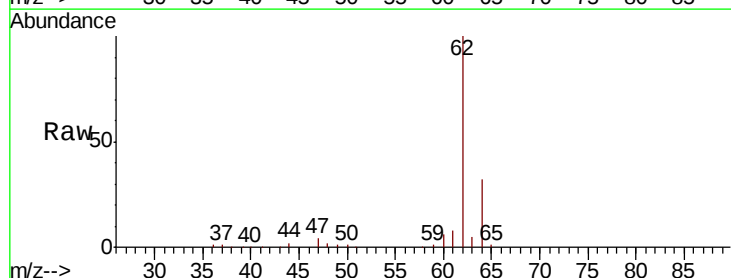
Acq: 16 Apr 2020 21:34

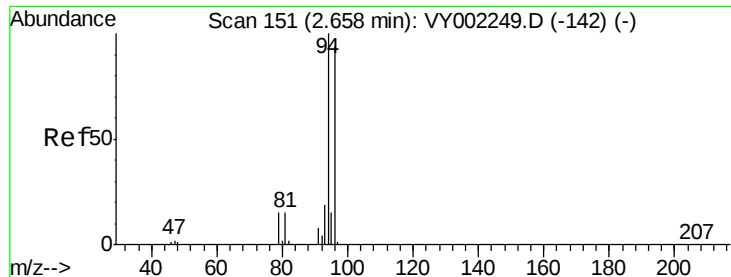
Tgt Ion: 62 Resp: 88467

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 49.972 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

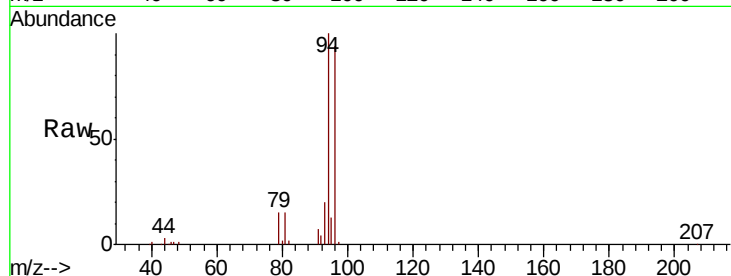
ClientSampleId :

Tot Ion: 94 Resp: 59396

Ion Ratio Lower Upper

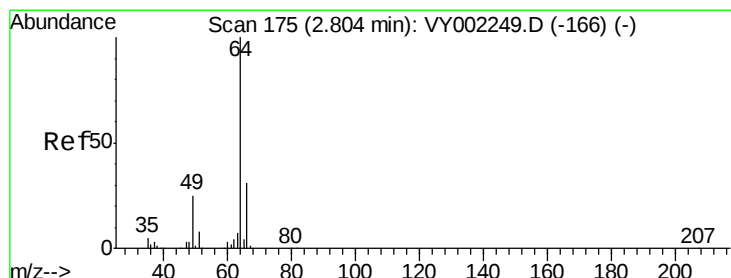
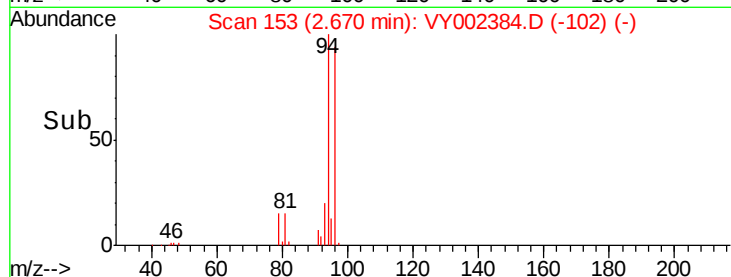
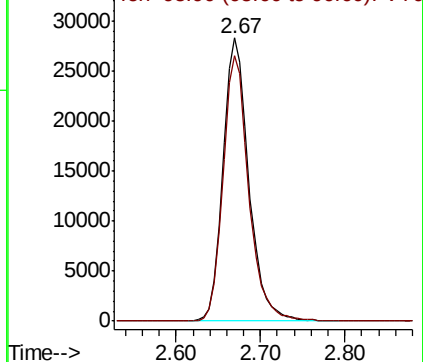
94 100

96 93.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.817 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002384.D

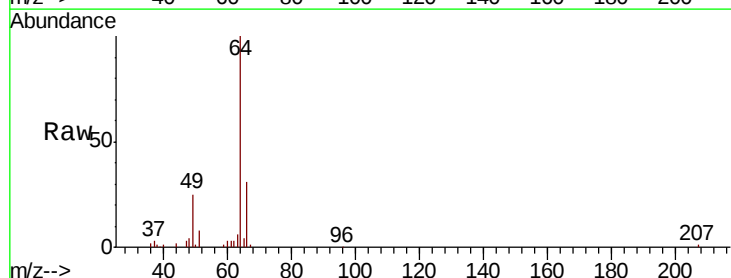
Acq: 16 Apr 2020 21:34

Tgt Ion: 64 Resp: 54188

Ion Ratio Lower Upper

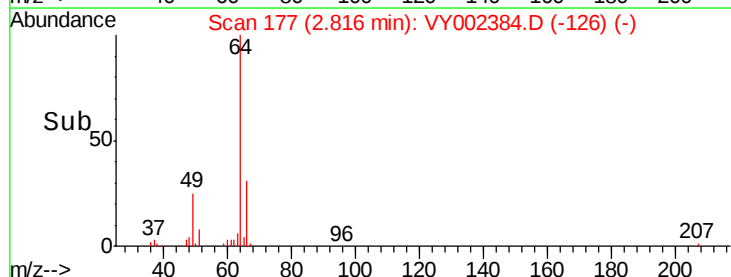
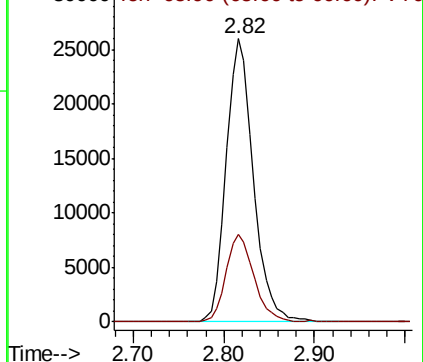
64 100

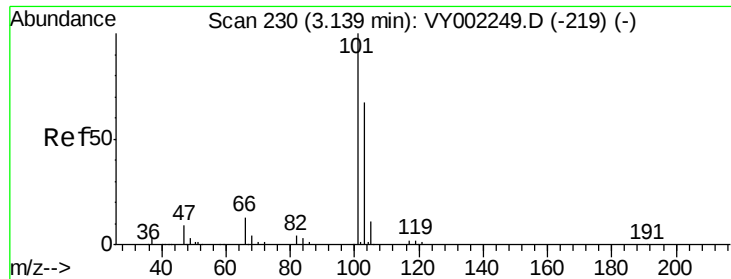
66 30.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



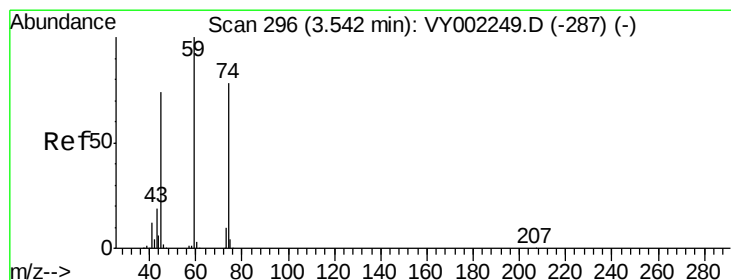
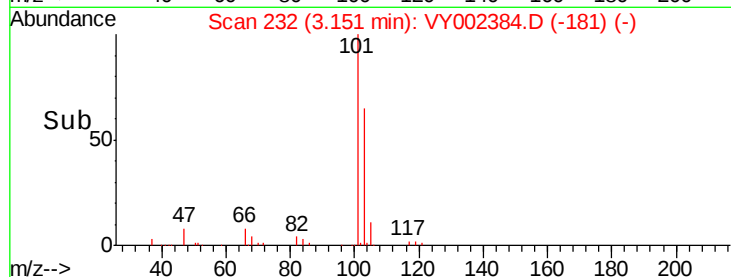
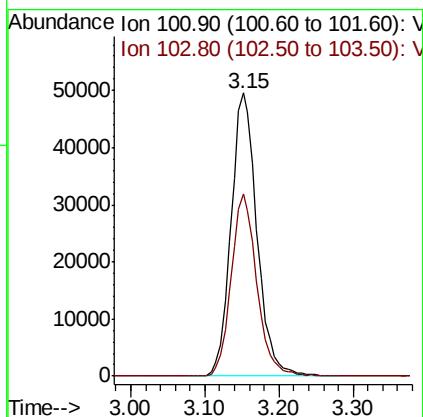
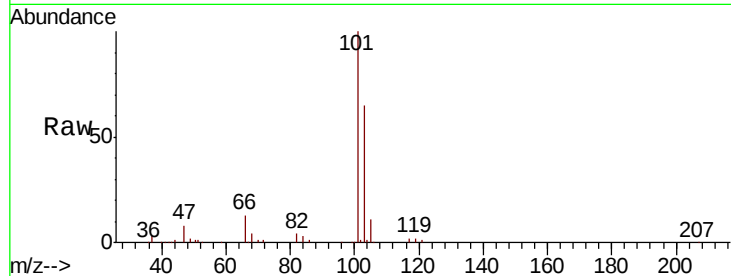


#7

Trichlorofluoromethane
 Concen: 48.525 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampled :

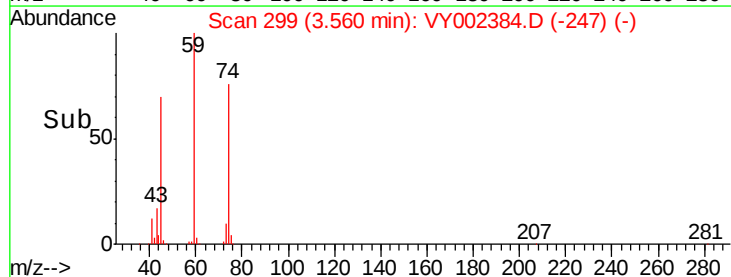
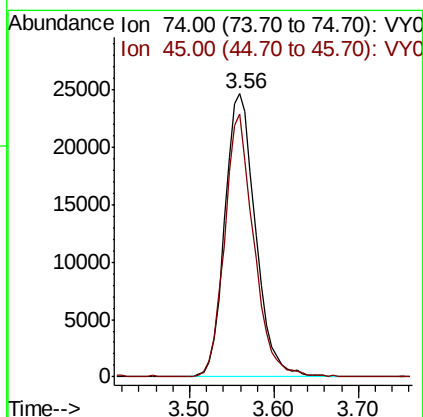
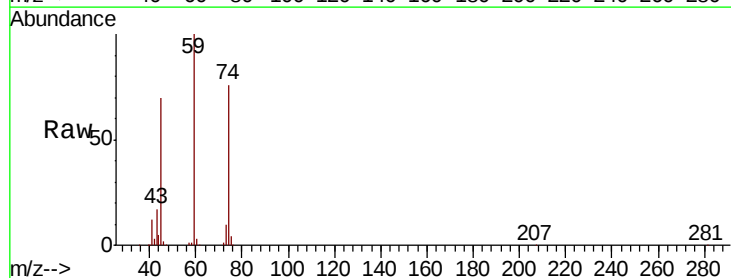
Tot Ion:101 Resp: 120618
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.3 79.9

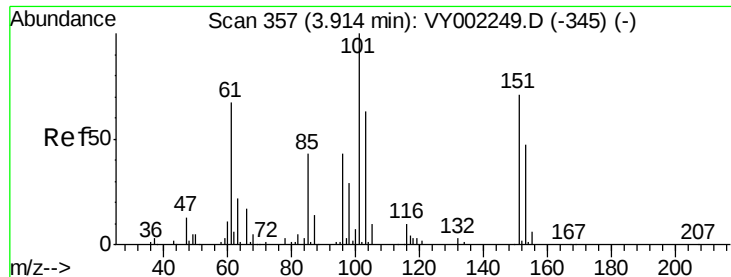


#8

Diethyl Ether
 Concen: 57.919 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 74 Resp: 61203
 Ion Ratio Lower Upper
 74 100
 45 88.6 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.314 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

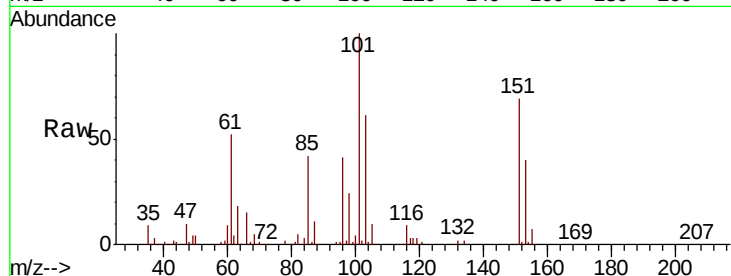
Tot Ion:101 Resp: 86642

Ion Ratio Lower Upper

101 100

85 41.9 34.6 52.0

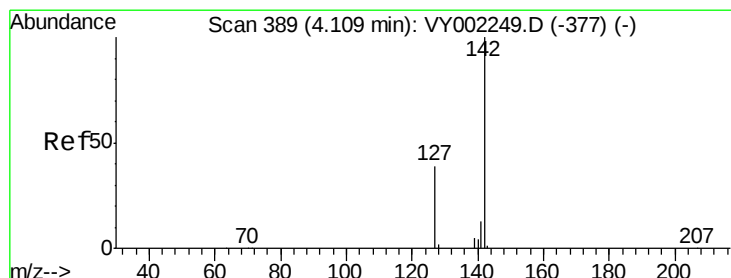
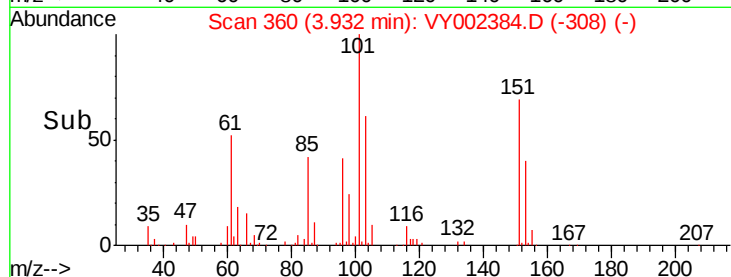
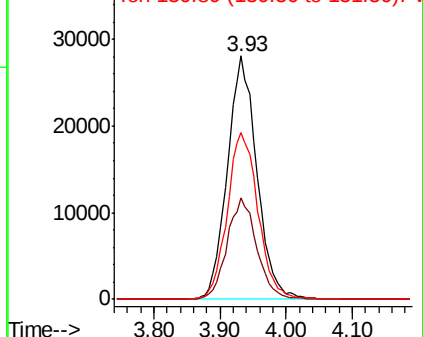
151 71.6 57.6 86.4



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: 53.066 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

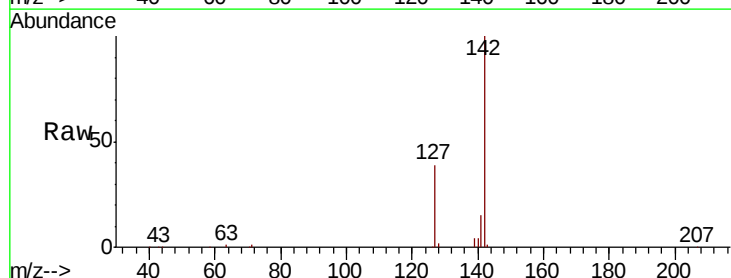
Tgt Ion:142 Resp: 104149

Ion Ratio Lower Upper

142 100

127 38.1 32.4 48.6

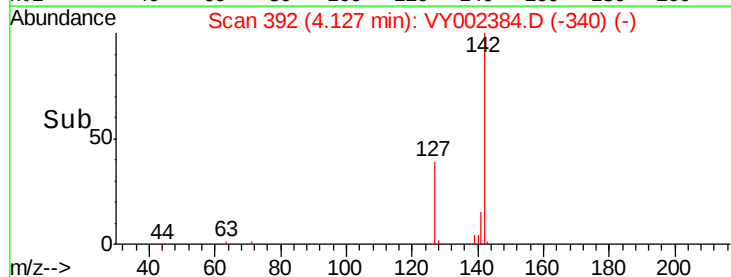
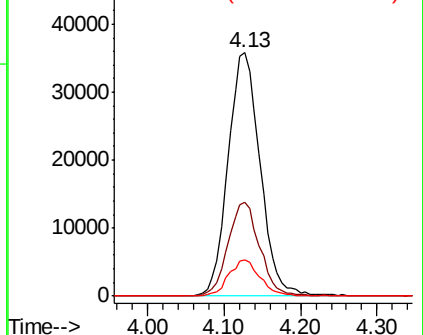
141 14.5 11.2 16.8

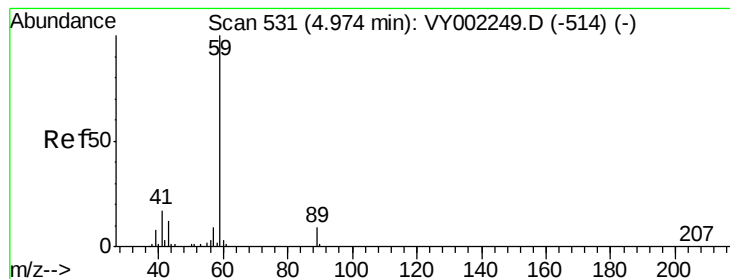


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



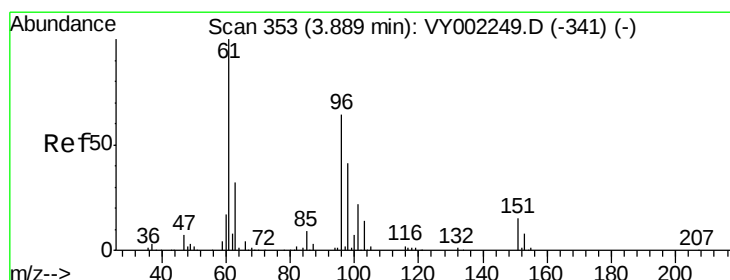
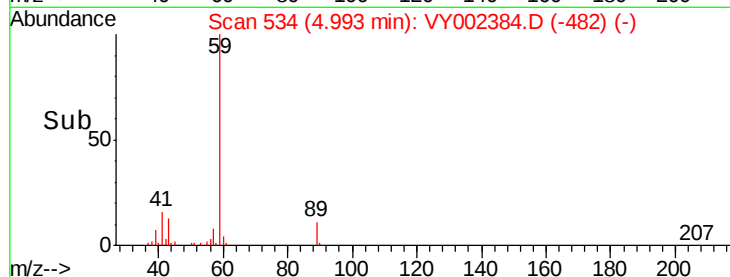
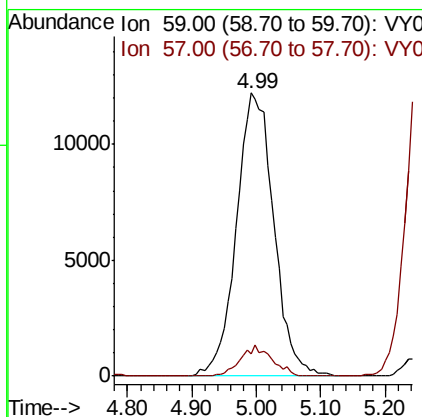
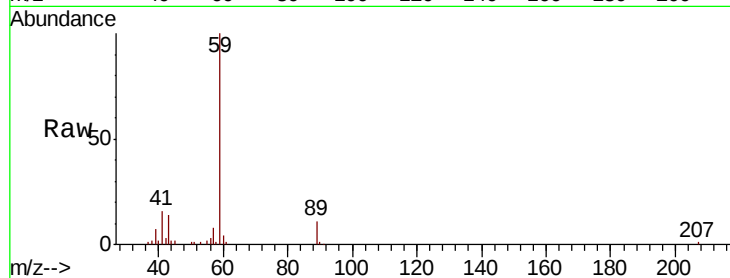


#11

Tert butyl alcohol
 Concen: 296.603 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampled :

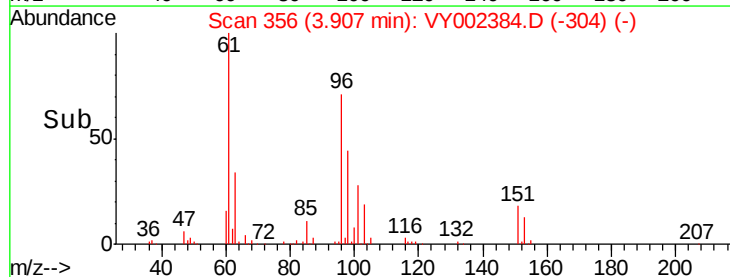
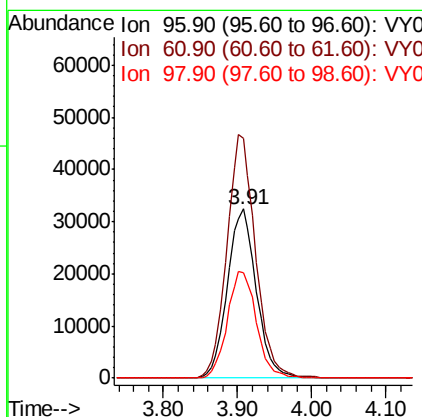
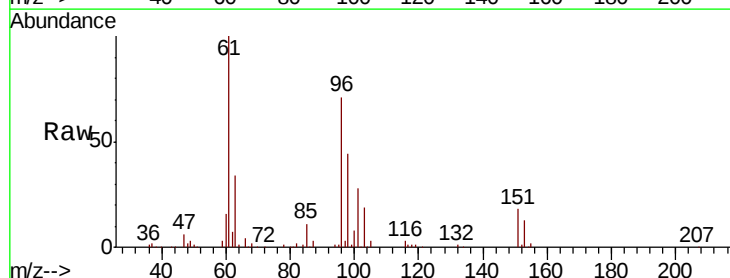
Tot Ion: 59 Resp: 48901
 Ion Ratio Lower Upper
 59 100
 57 9.0 6.6 9.8

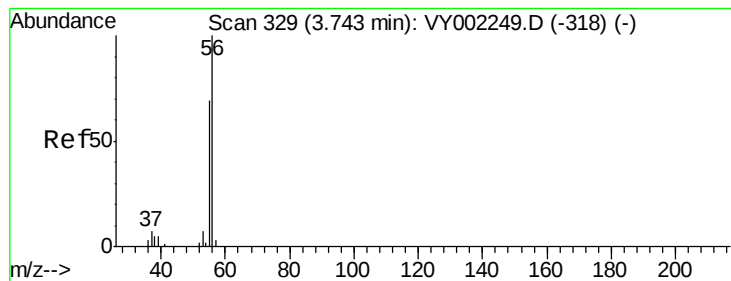


#12

1,1-Dichloroethene
 Concen: 51.497 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 96 Resp: 88400
 Ion Ratio Lower Upper
 96 100
 61 141.7 125.9 188.9
 98 62.5 51.1 76.7





#13

Acrolein

Concen: 194.411 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

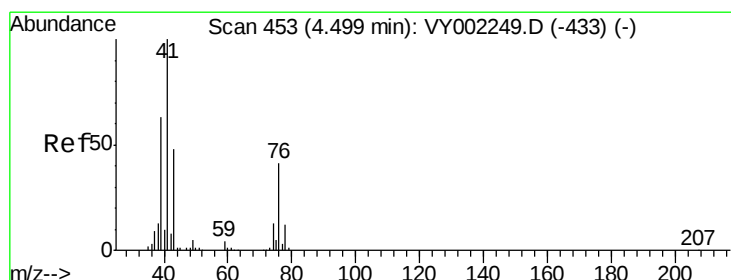
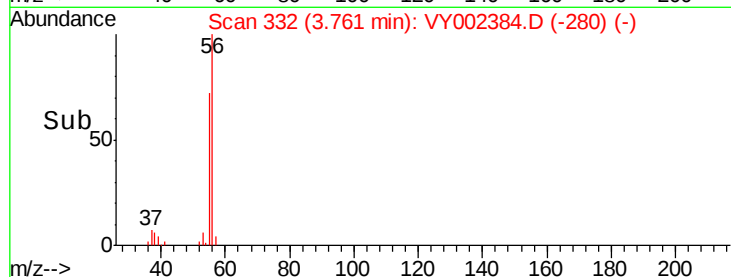
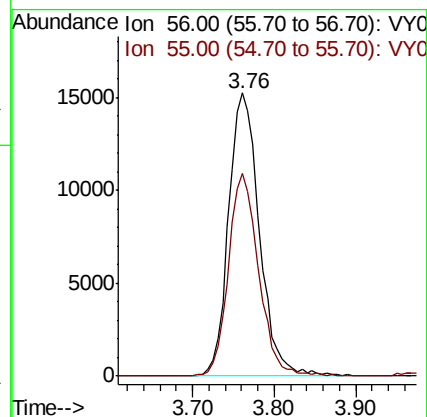
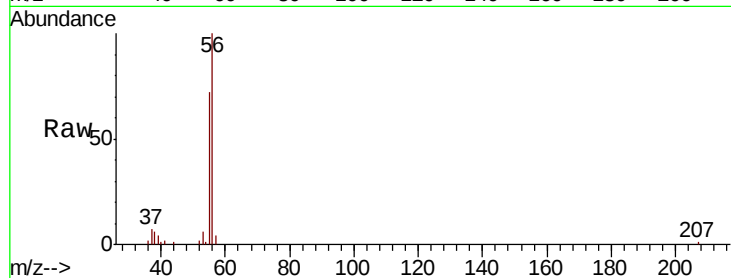
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 39630

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 47.074 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

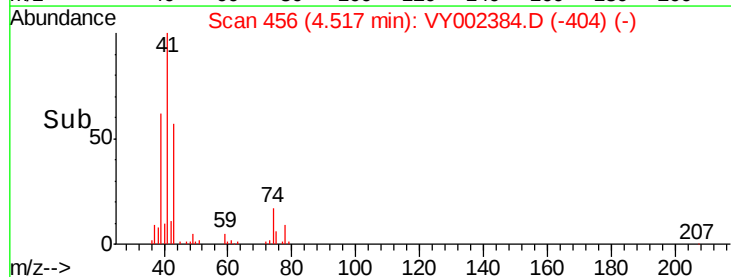
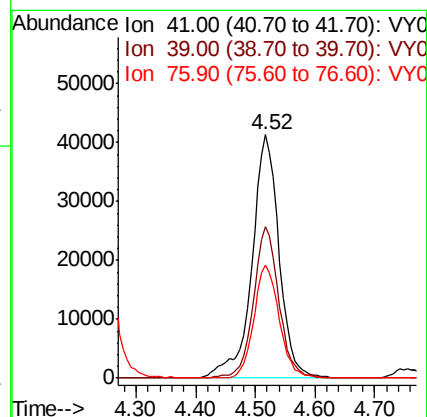
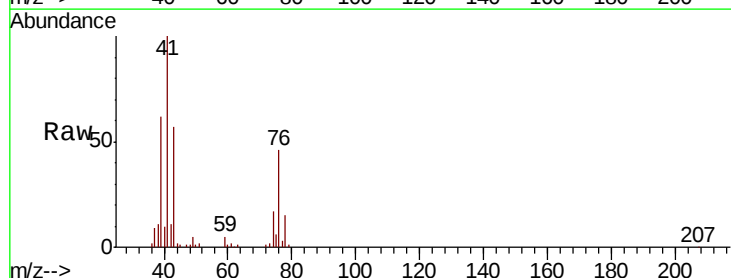
Tgt Ion: 41 Resp: 130491

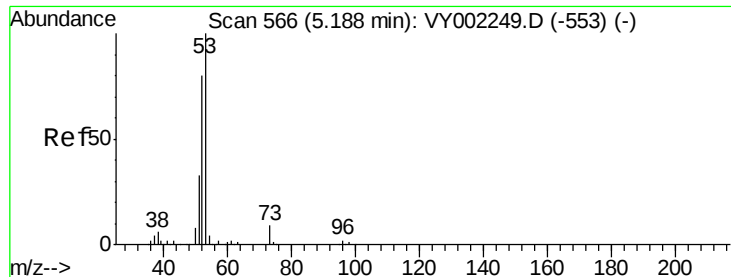
Ion Ratio Lower Upper

41 100

39 58.2 48.0 72.0

76 43.4 31.0 46.6





#15

Acrylonitrile

Concen: 284.333 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampled :

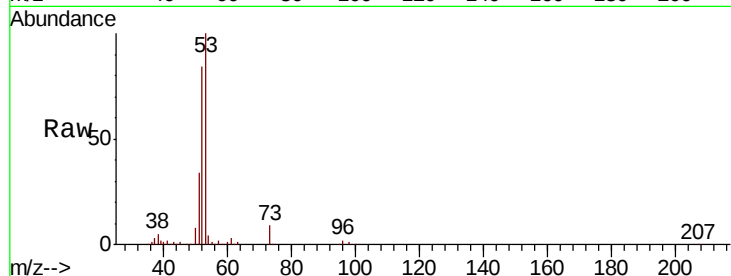
Tot Ion: 53 Resp: 153648

Ion Ratio Lower Upper

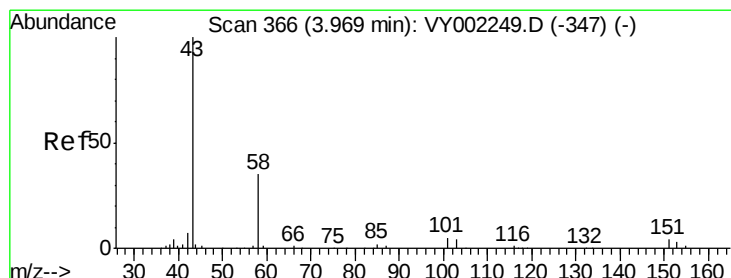
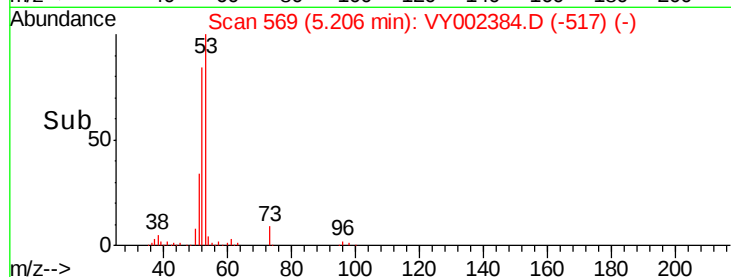
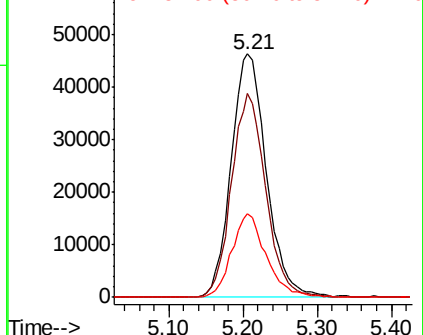
53 100

52 81.5 65.1 97.7

51 33.7 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: 226.685 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002384.D

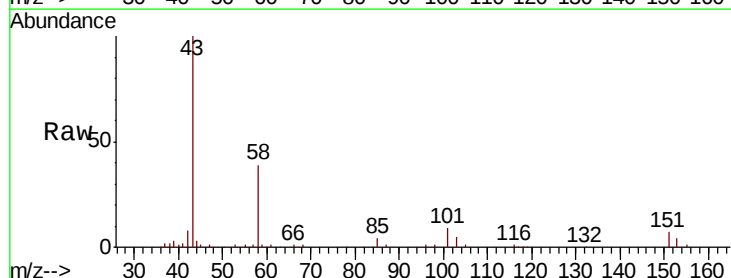
Acq: 16 Apr 2020 21:34

Tgt Ion: 43 Resp: 94392

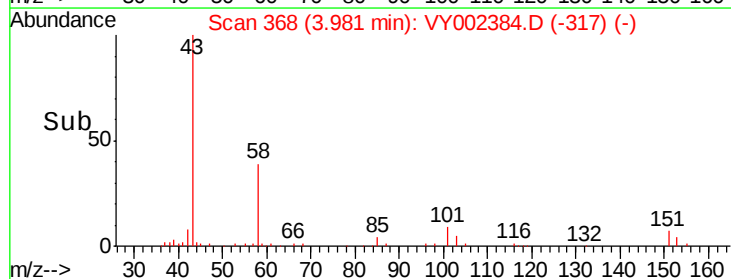
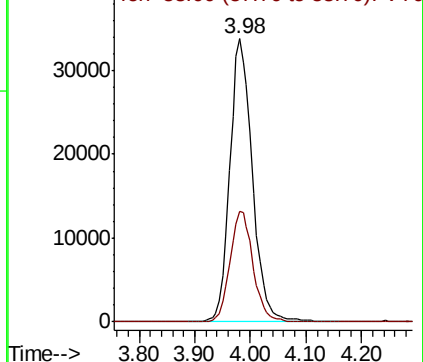
Ion Ratio Lower Upper

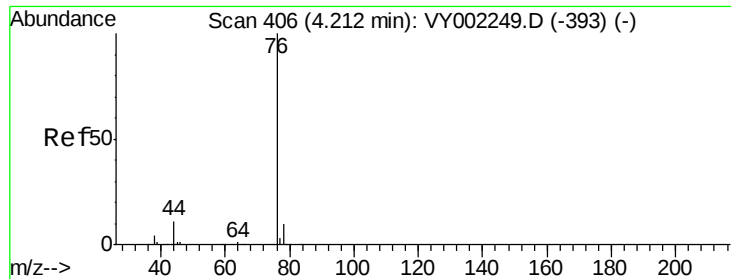
43 100

58 38.9 28.5 42.7



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

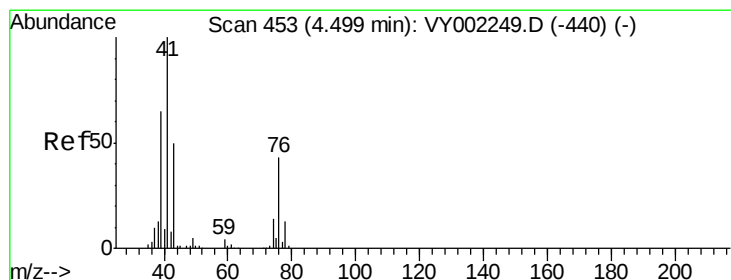
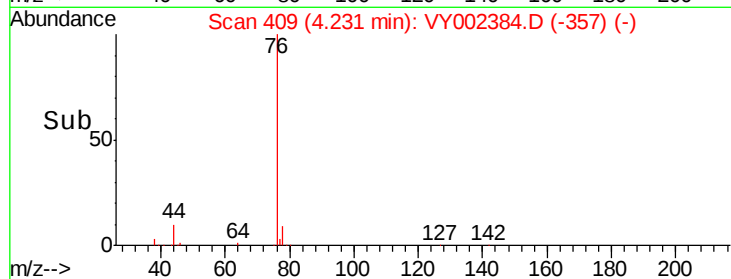
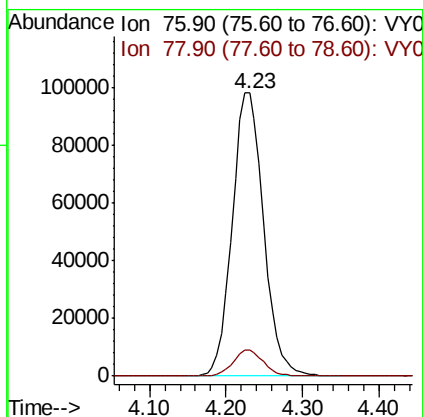
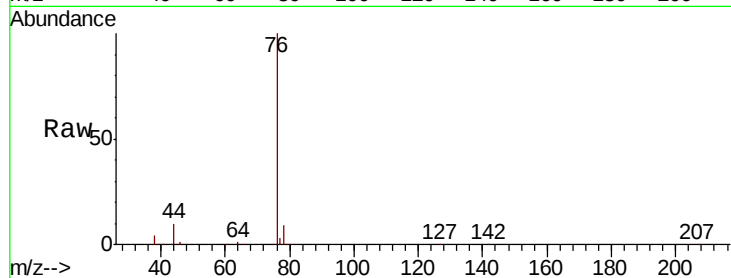




#17
Carbon Disulfide
Concen: 48.888 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

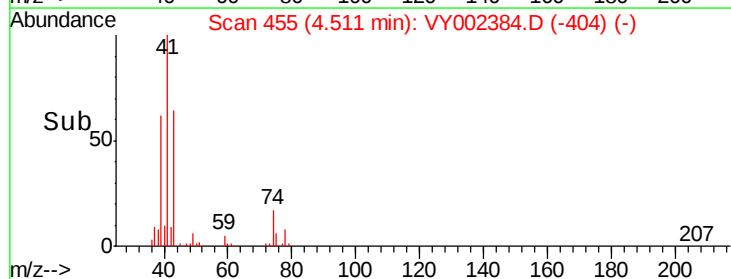
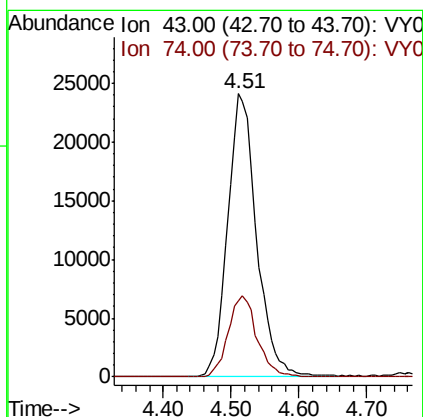
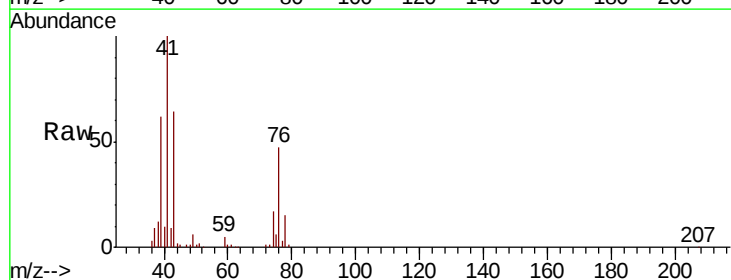
Instrument :
MSVOA_Y
ClientSampleId :

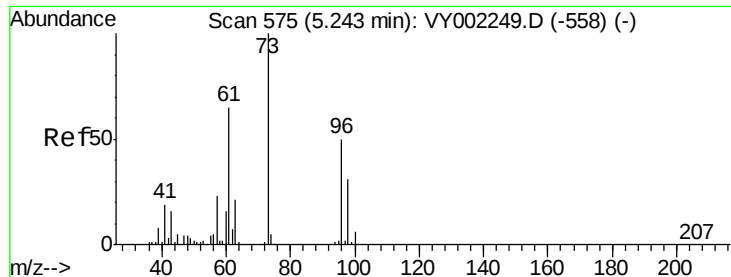
Tot Ion: 76 Resp: 278711
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 54.943 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 43 Resp: 70964
Ion Ratio Lower Upper
43 100
74 28.6 20.3 30.5

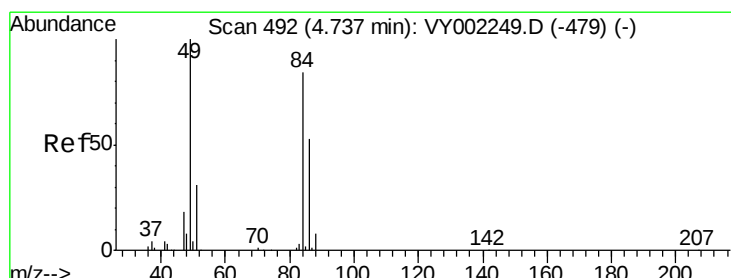
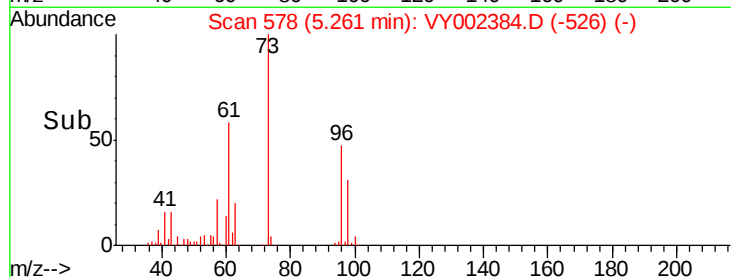
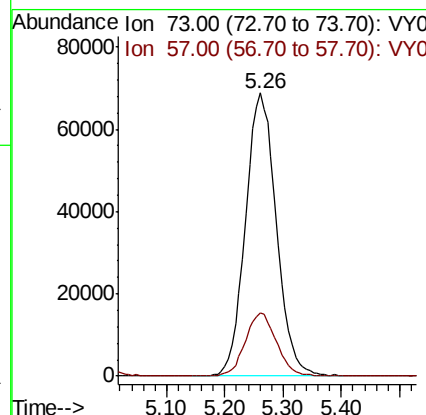
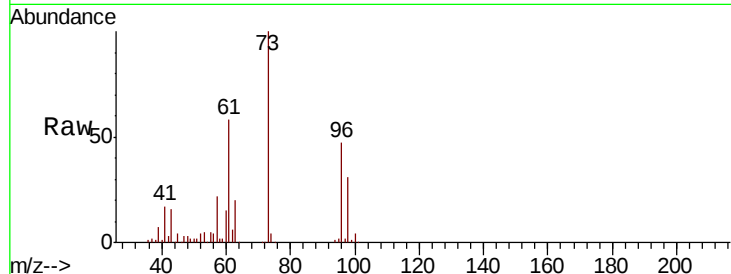




#19
Methvl tert-butvl Ether
Concen: 56.052 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

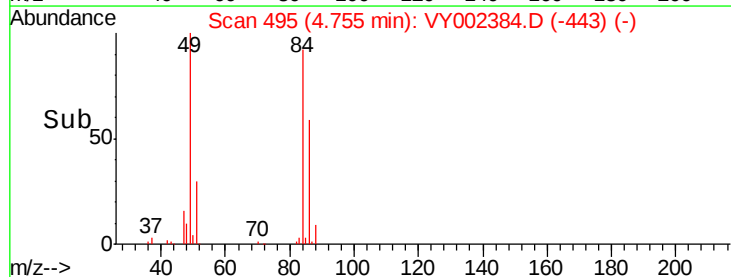
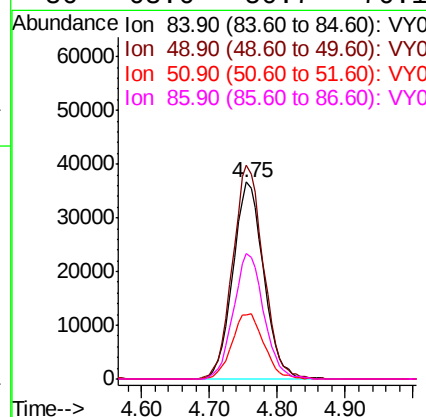
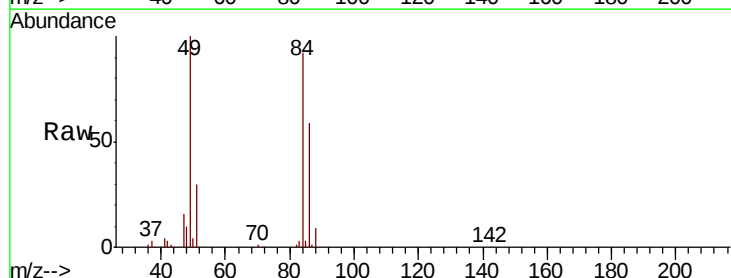
Instrument :
MSVOA_Y
ClientSampleId :

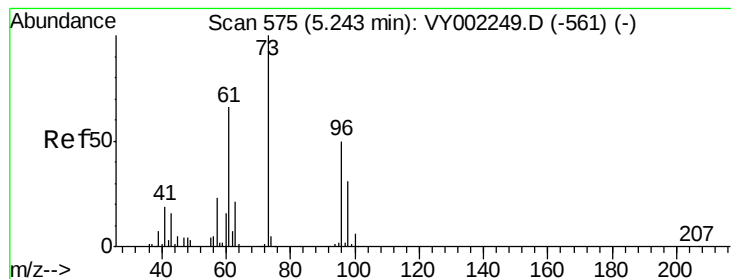
Tot Ion: 73 Resp: 252957
Ion Ratio Lower Upper
73 100
57 22.2 18.7 28.1



#20
Methylene Chloride
Concen: 56.149 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 84 Resp: 114919
Ion Ratio Lower Upper
84 100
49 108.6 95.5 143.3
51 32.5 29.5 44.3
86 63.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 52.349 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

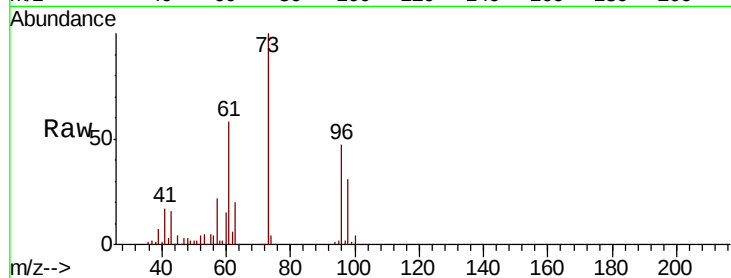
Tot Ion: 96 Resp: 100865

Ion Ratio Lower Upper

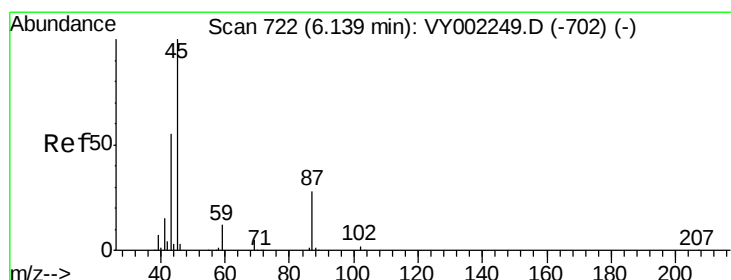
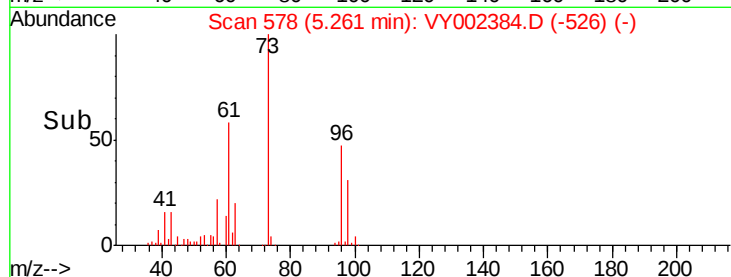
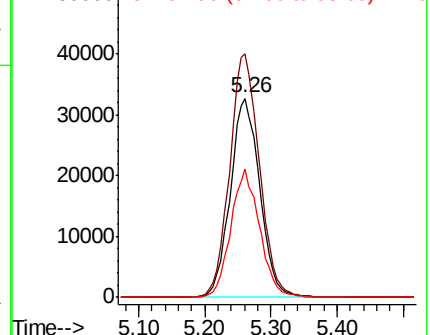
96 100

61 122.5 104.6 157.0

98 64.4 50.1 75.1



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



#22

Diisopropyl ether

Concen: 50.425 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion: 45 Resp: 281296

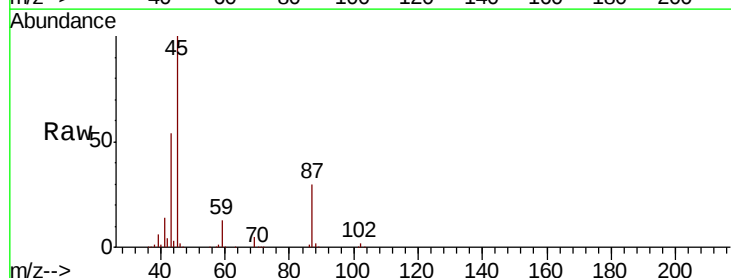
Ion Ratio Lower Upper

45 100

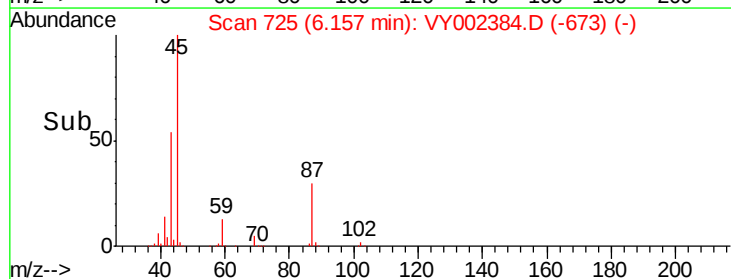
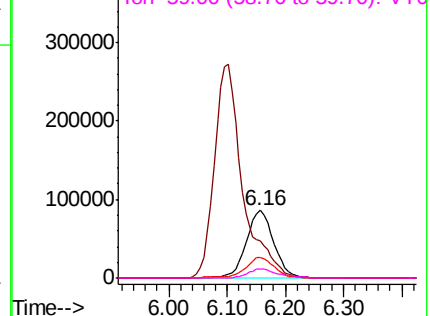
43 54.3 44.7 67.1

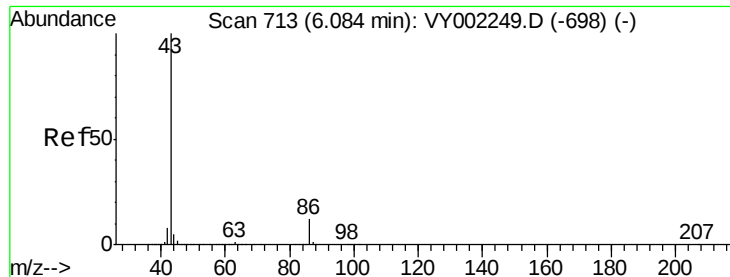
87 30.2 23.0 34.4

59 12.7 10.1 15.1



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





#23

Vinyl Acetate

Concen: 255.430 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

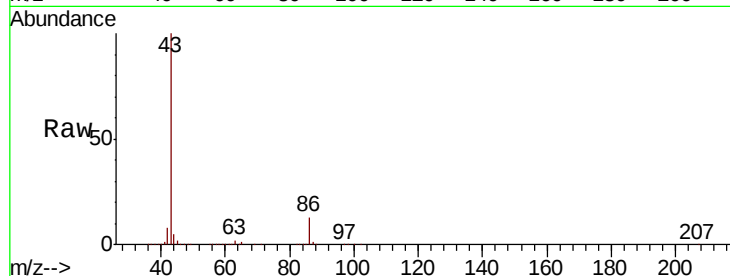
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 908052

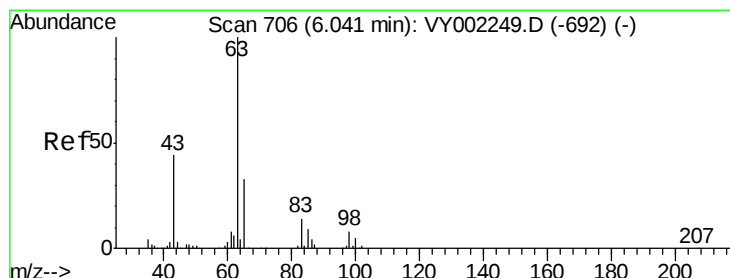
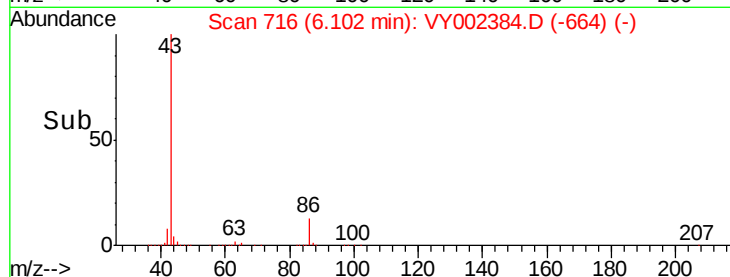
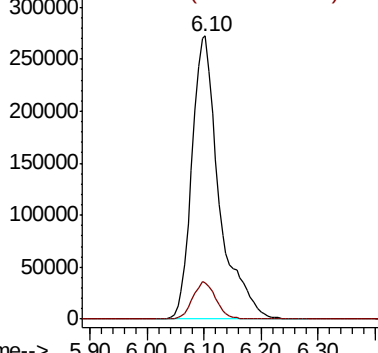
Ion Ratio Lower Upper

43 100

86 13.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.464 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

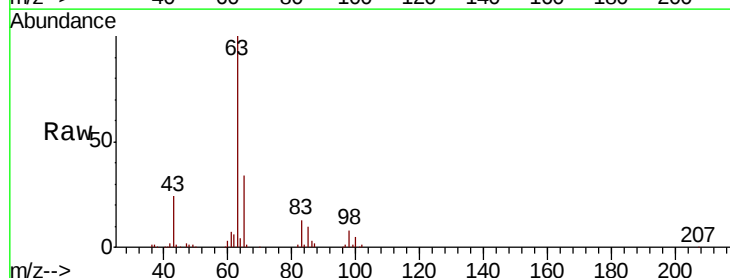
Tgt Ion: 63 Resp: 163298

Ion Ratio Lower Upper

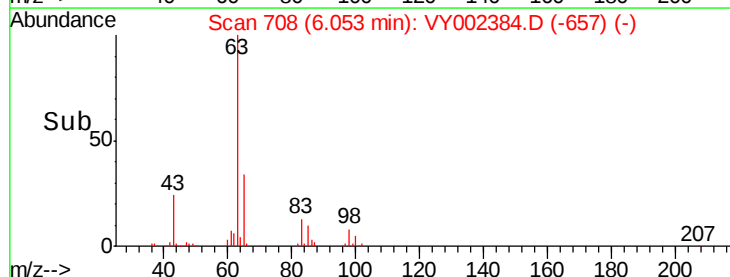
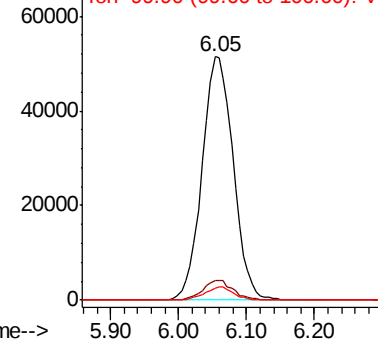
63 100

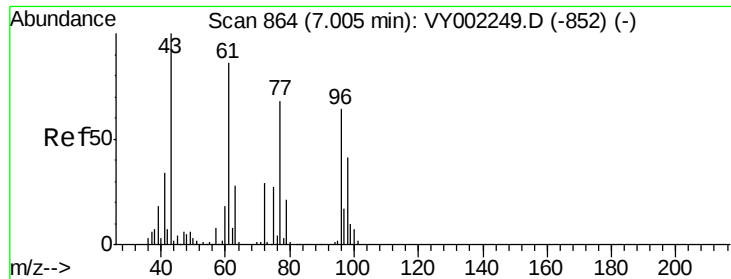
98 8.2 4.0 12.0

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0

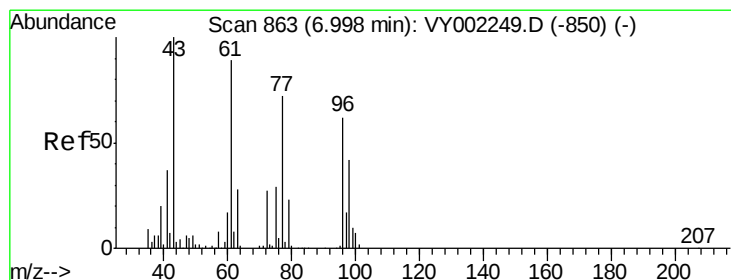
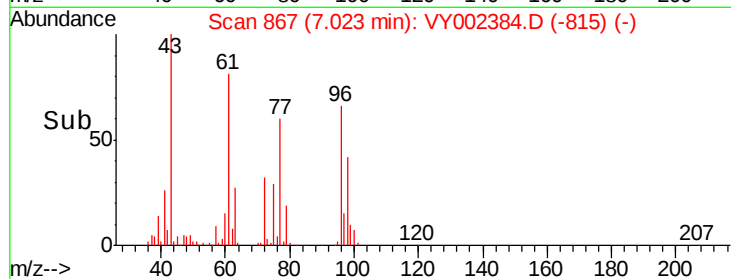
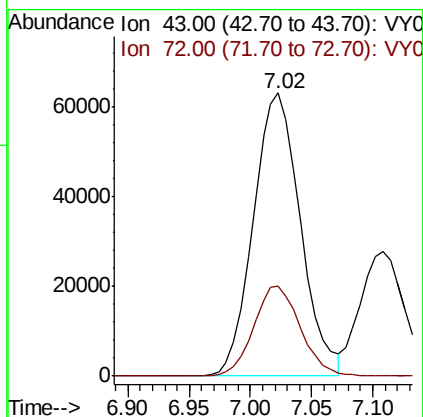
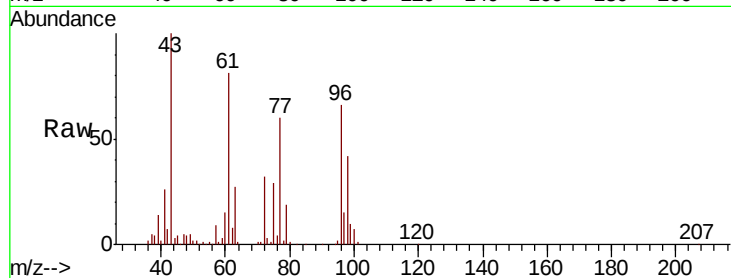




#25
2-Butanone
Concen: 256.993 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

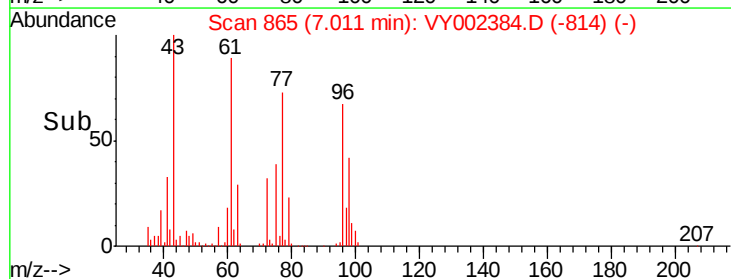
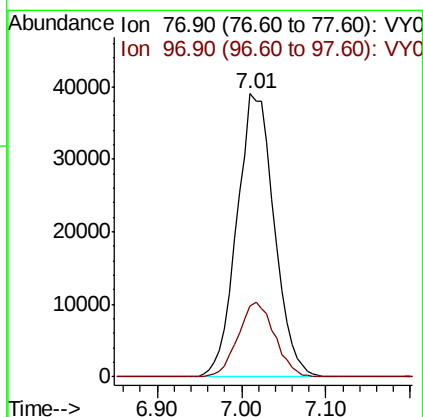
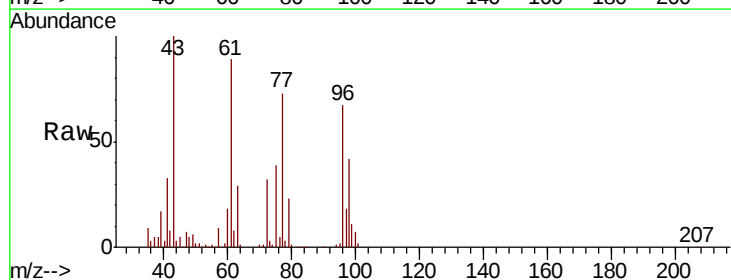
Instrument :
MSVOA_Y
ClientSampled :

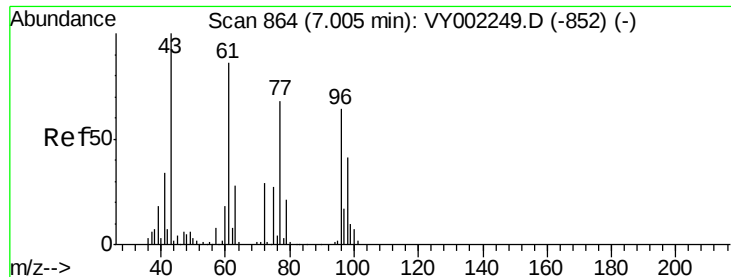
Tot Ion: 43 Resp: 169352
Ion Ratio Lower Upper
43 100
72 31.7 23.2 34.8



#26
2,2-Dichloropropane
Concen: 44.068 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 77 Resp: 116969
Ion Ratio Lower Upper
77 100
97 26.0 12.2 36.6



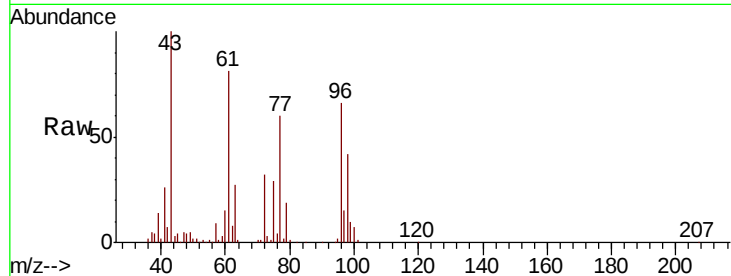


#27

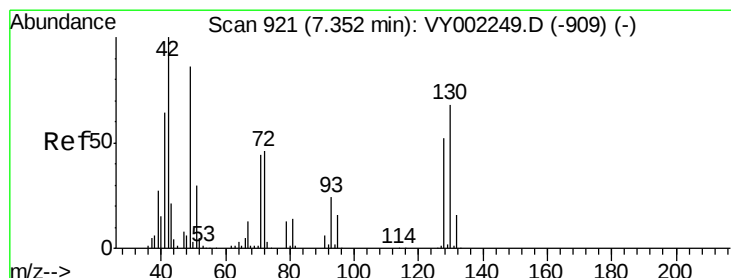
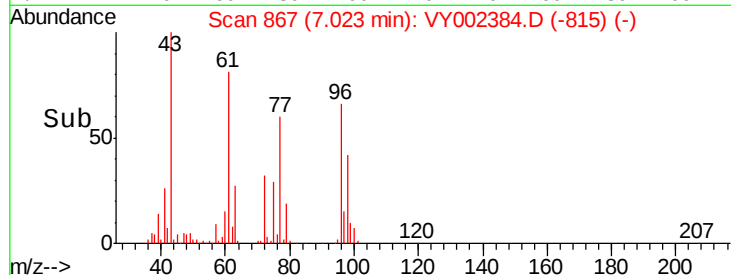
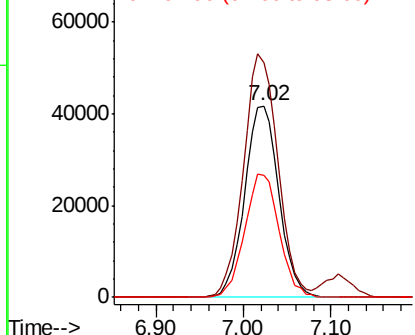
cis-1,2-Dichloroethene
 Concen: 54.125 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 113683
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 278.0
 98 65.0 0.0 128.6



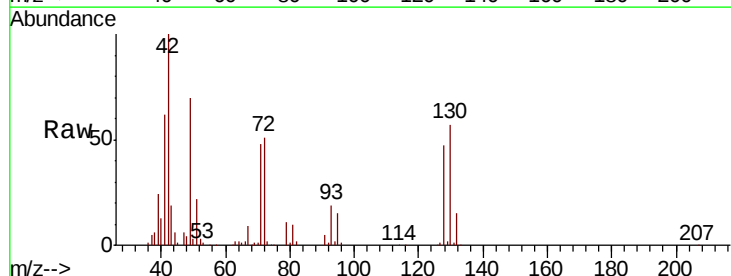
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



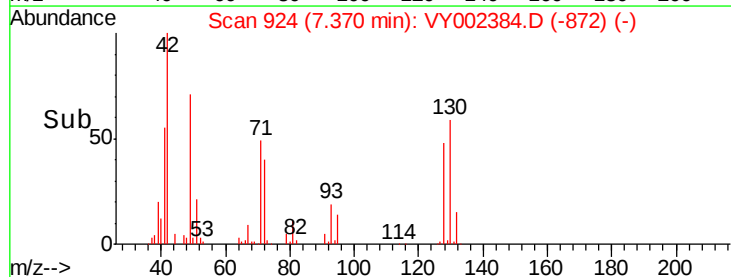
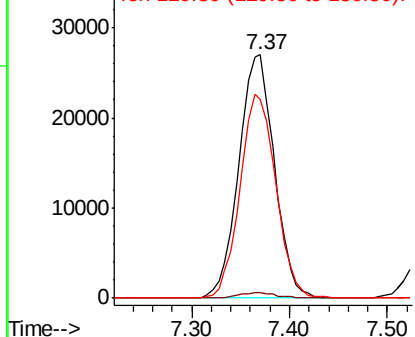
#28

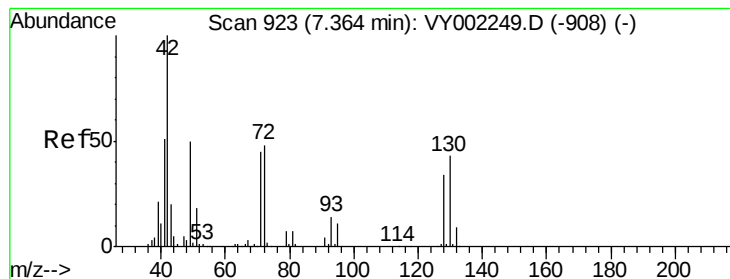
Bromochloromethane
 Concen: 49.859 ug/l
 RT: 7.37 min Scan# 924
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 49 Resp: 68293
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 84.0 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: 263.008 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampled :

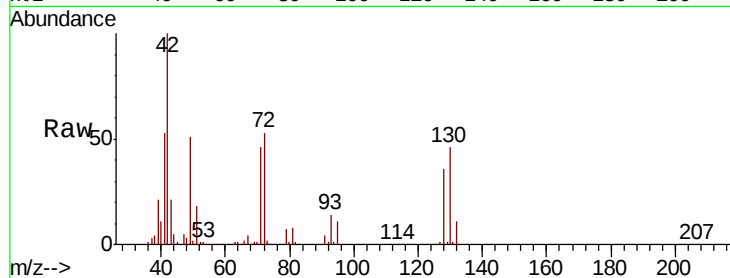
Tot Ion: 42 Resp: 114566

Ion Ratio Lower Upper

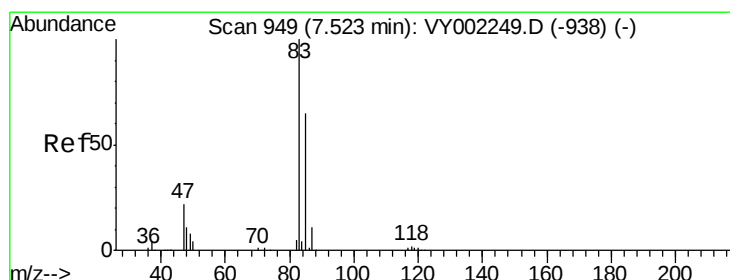
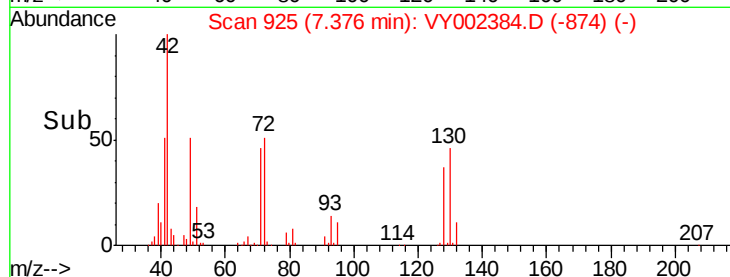
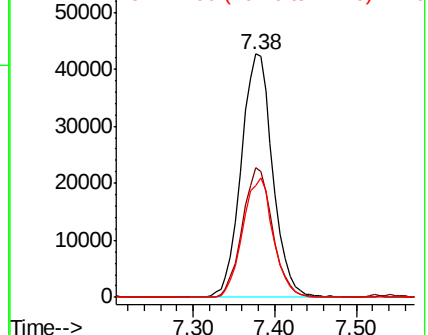
42 100

72 51.2 36.7 55.1

71 47.4 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: 53.110 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002384.D

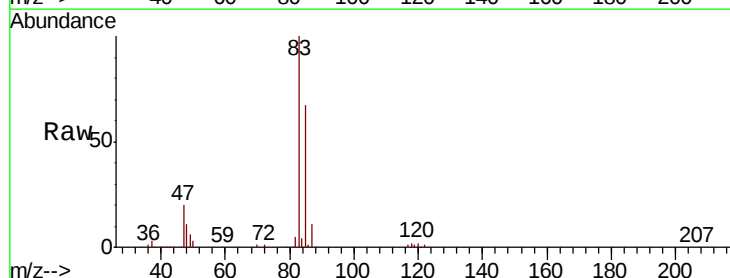
Acq: 16 Apr 2020 21:34

Tgt Ion: 83 Resp: 158855

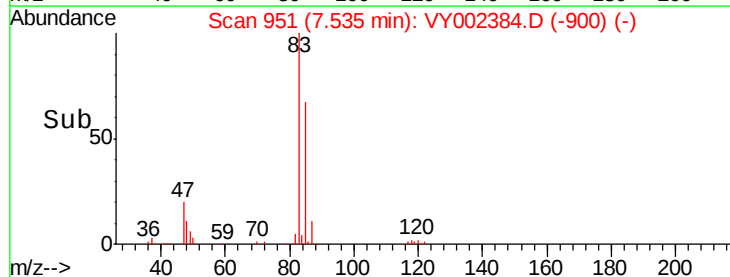
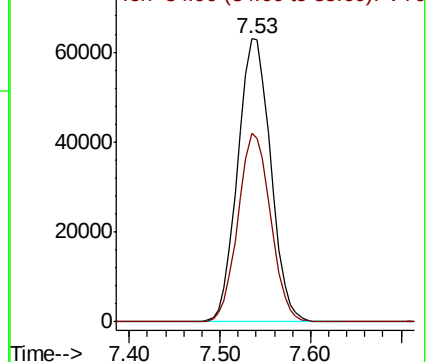
Ion Ratio Lower Upper

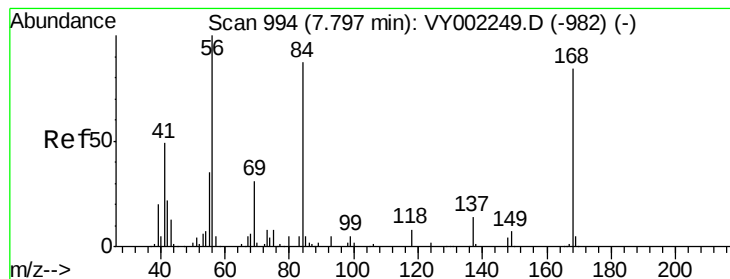
83 100

85 66.7 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: 45.475 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

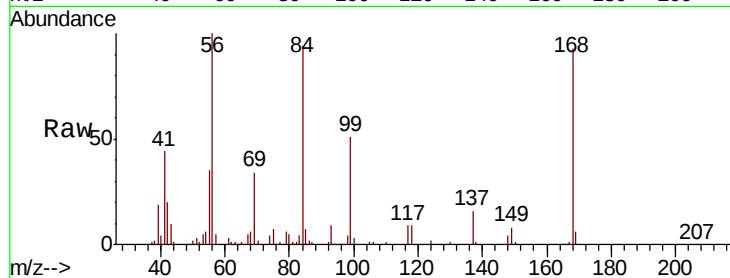
Tot Ion: 56 Resp: 151462

Ion Ratio Lower Upper

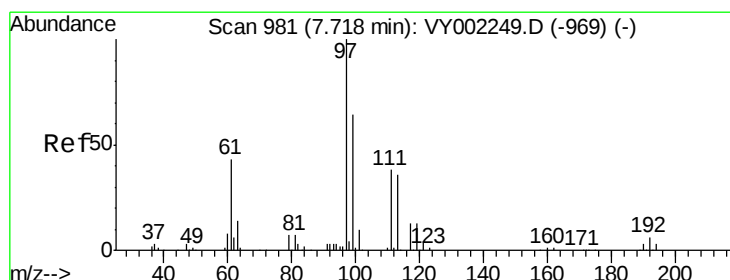
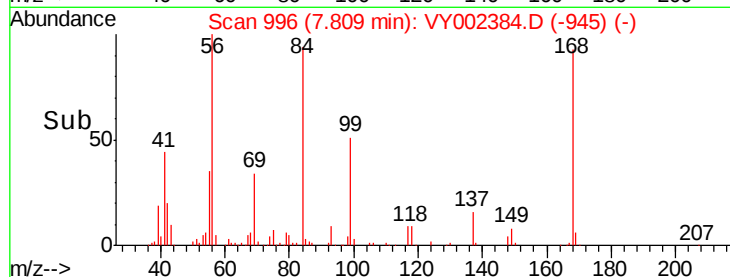
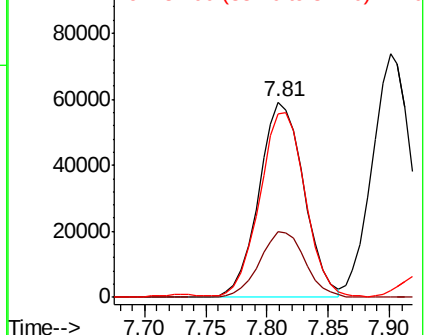
56 100

69 33.9 25.0 37.6

84 92.4 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: 50.139 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

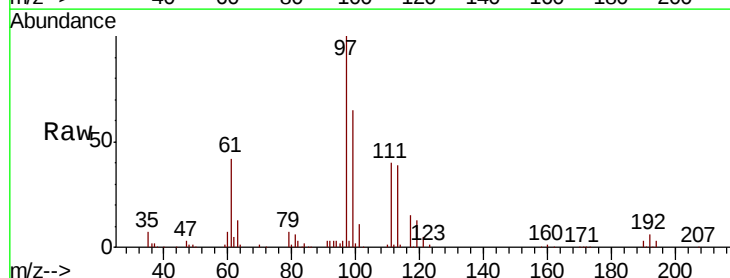
Tgt Ion: 97 Resp: 124825

Ion Ratio Lower Upper

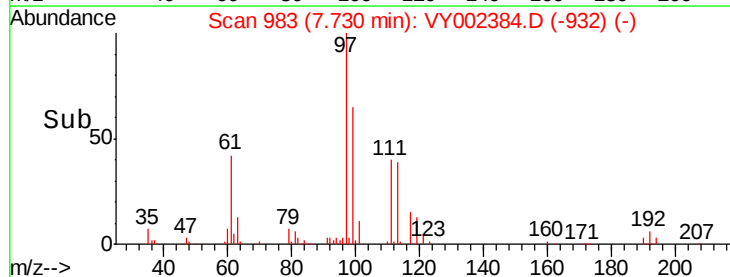
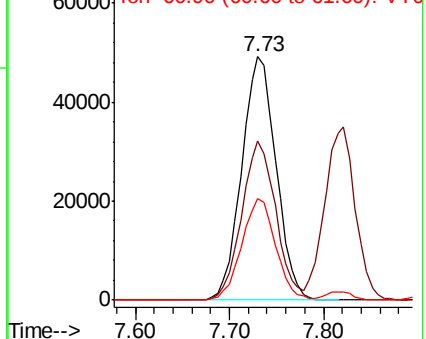
97 100

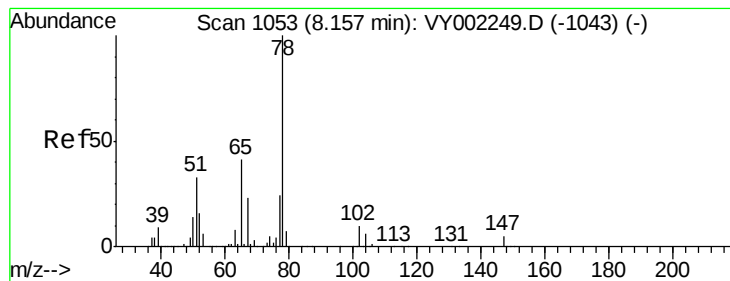
99 64.8 51.3 76.9

61 41.2 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: 49.444 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

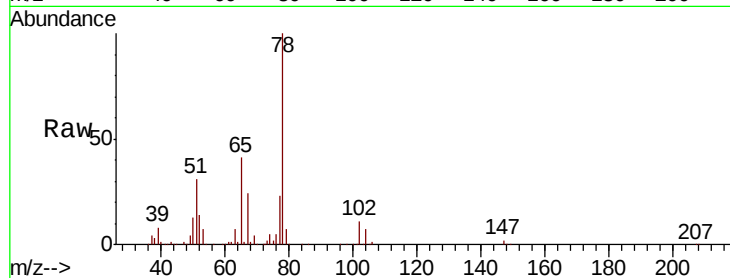
ClientSampleId :

Tot Ion: 65 Resp: 78170

Ion Ratio Lower Upper

65 100

67 57.4 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

40000

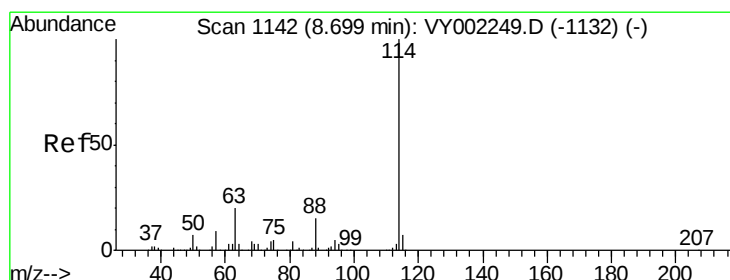
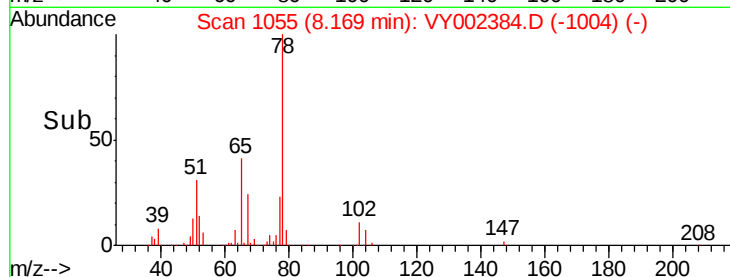
30000

20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

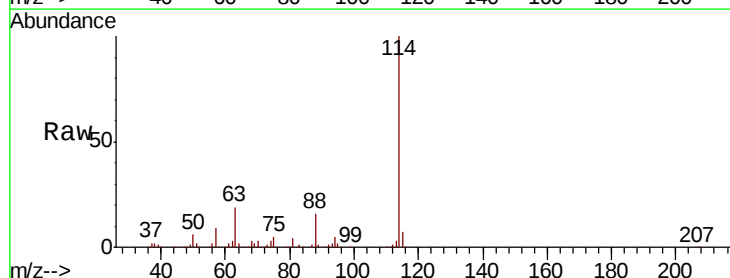
Tgt Ion: 114 Resp: 271002

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

88 15.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

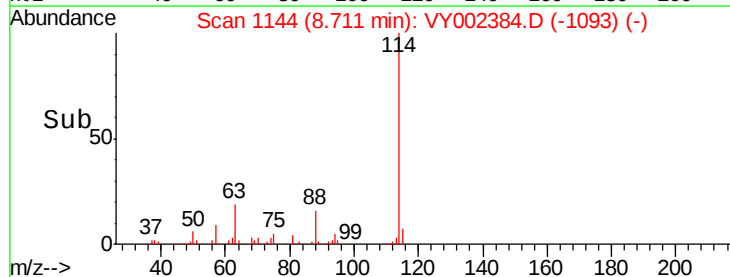
150000

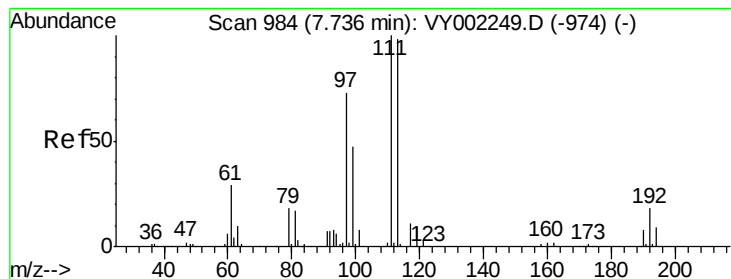
100000

50000

0

Time--> 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 51.565 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

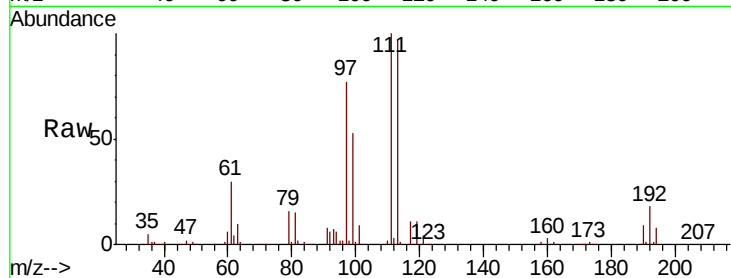
Tot Ion:113 Resp: 83152

Ion Ratio Lower Upper

113 100

111 104.2 83.5 125.3

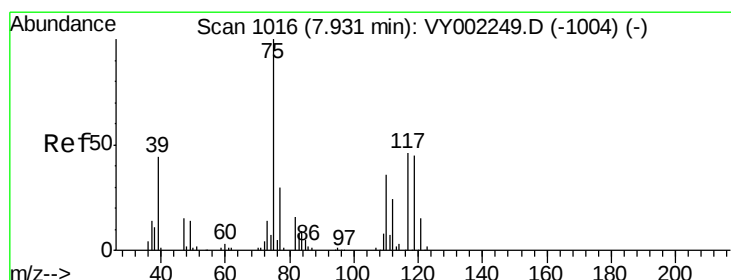
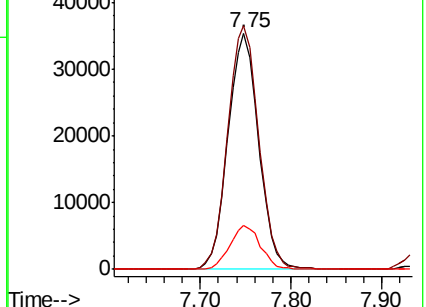
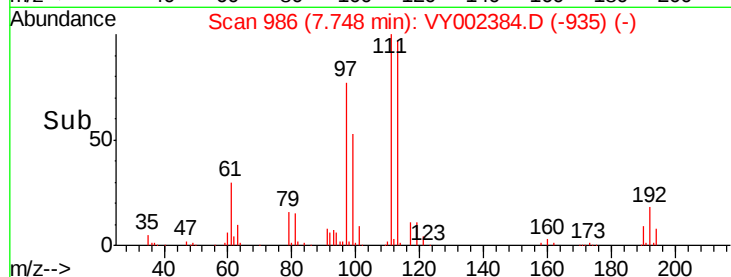
192 18.6 14.7 22.1



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: 46.439 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

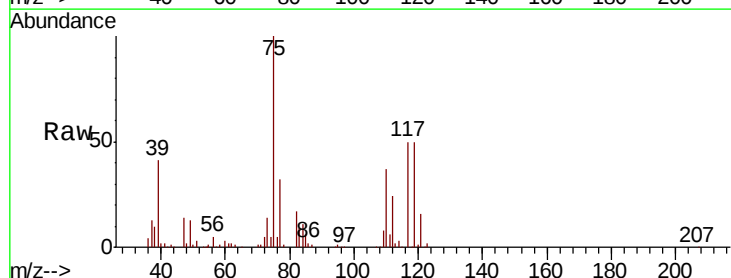
Tgt Ion: 75 Resp: 123960

Ion Ratio Lower Upper

75 100

110 37.9 17.8 53.3

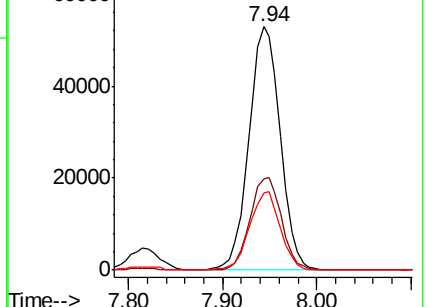
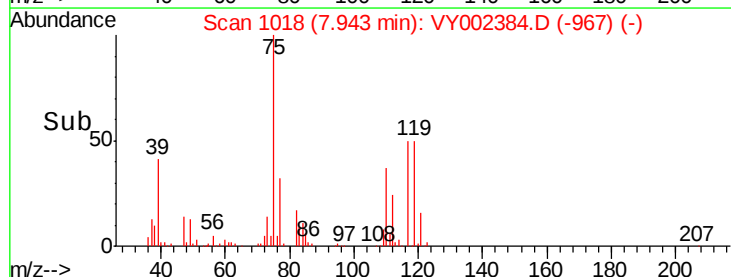
77 31.4 24.4 36.6

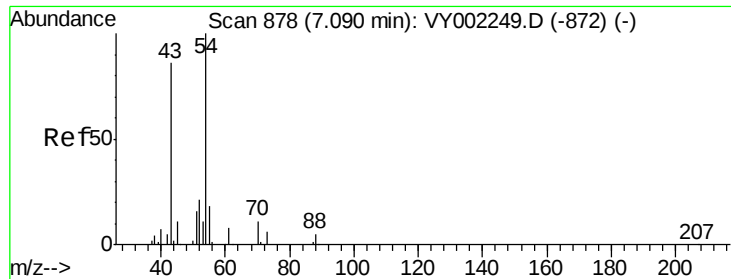


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

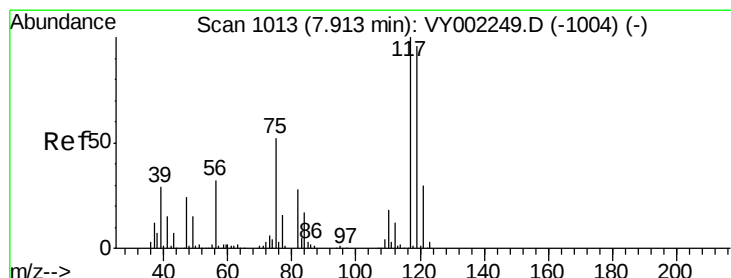
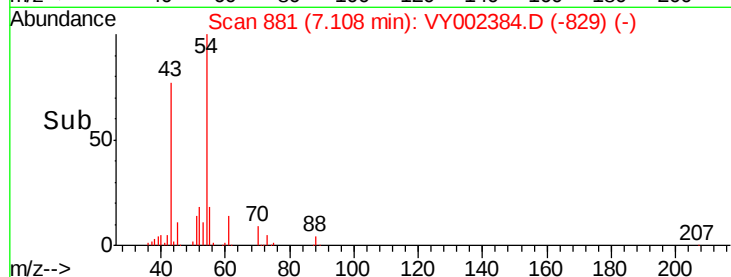
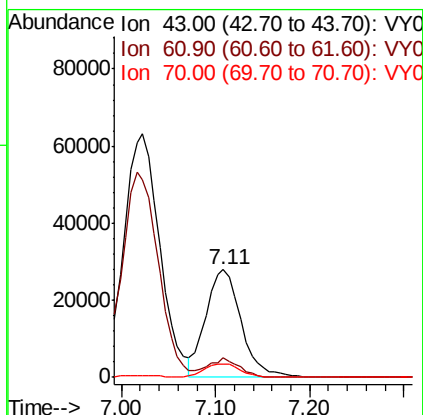
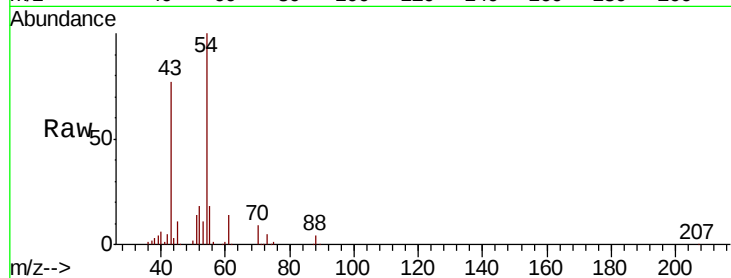




#37
Ethyl Acetate
Concen: 47.529 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

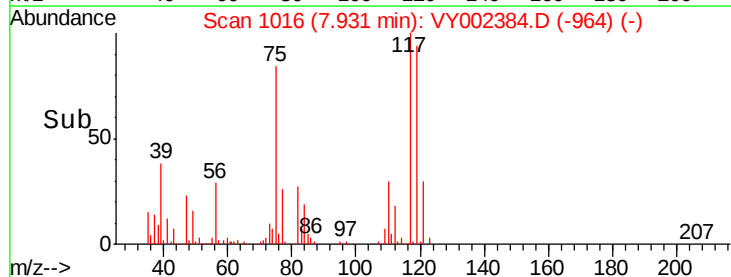
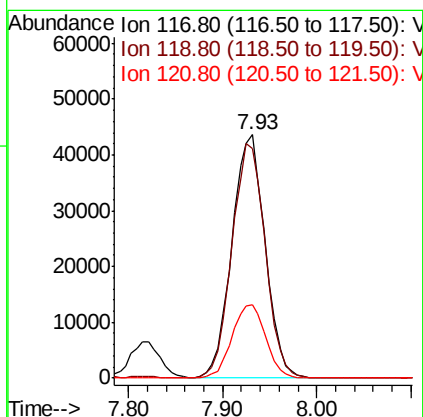
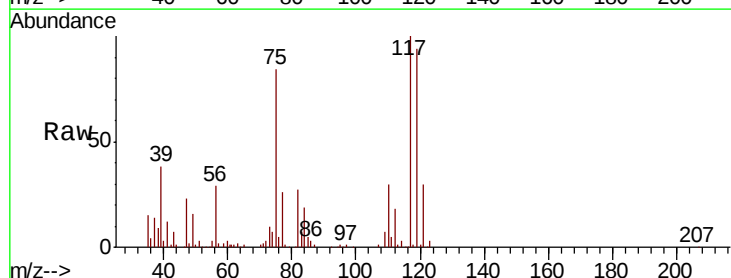
Instrument :
MSVOA_Y
ClientSampleId :

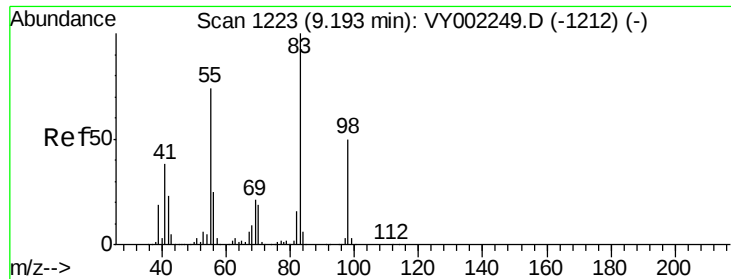
Tot Ion: 43 Resp: 72479
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 12.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.993 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 117 Resp: 107297
Ion Ratio Lower Upper
117 100
119 94.4 77.1 115.7
121 30.2 23.9 35.9

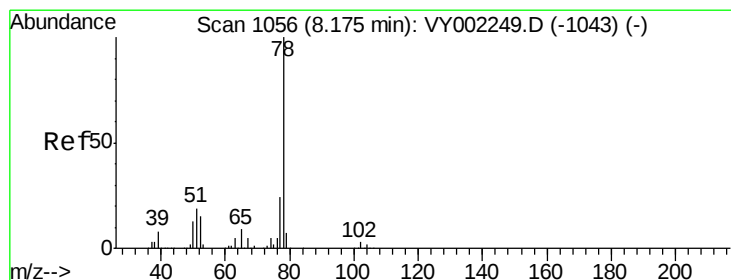
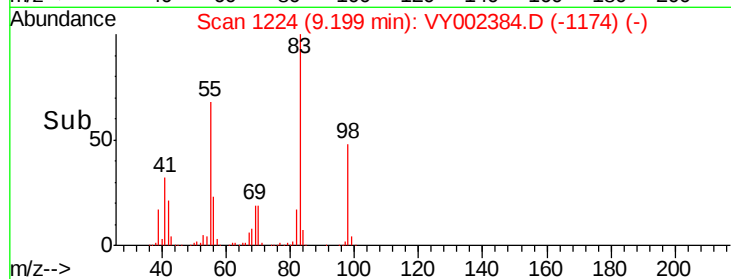
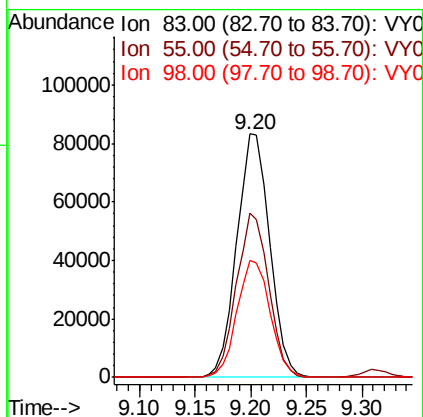
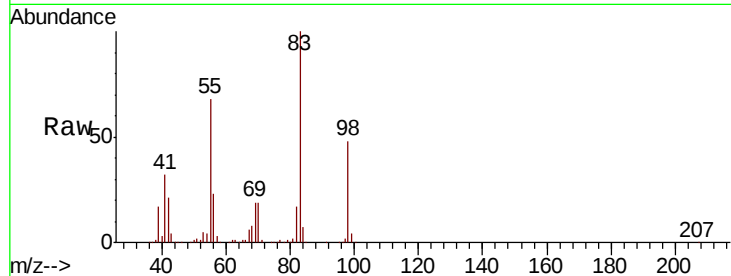




#39
Methvlcvclohexane
Concen: 47.153 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

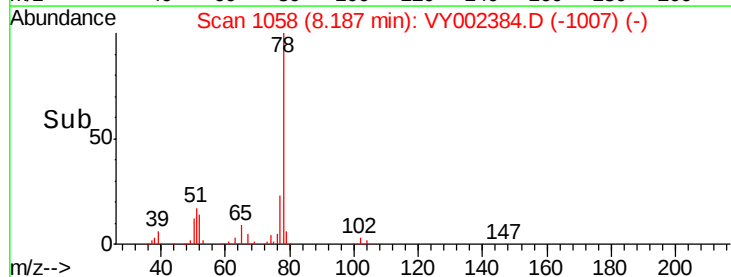
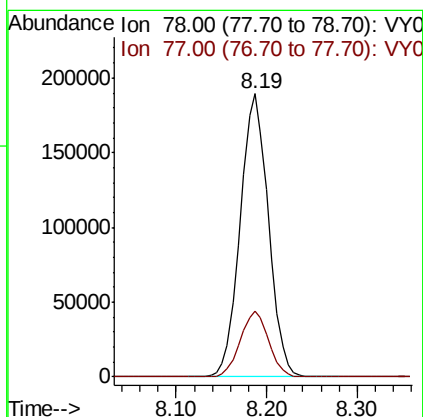
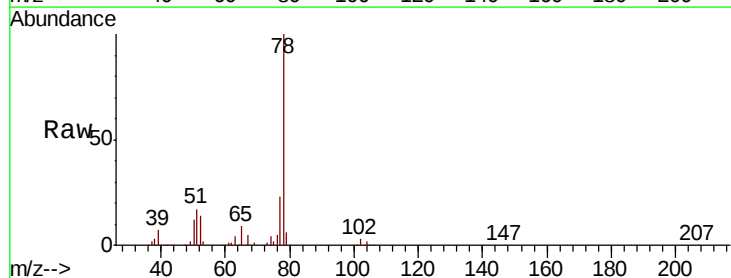
Instrument :
MSVOA_Y
ClientSampled :

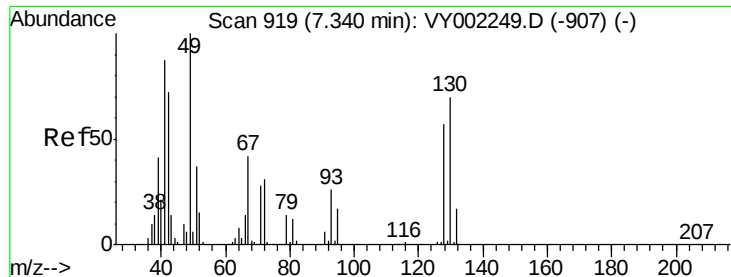
Tot Ion: 83 Resp: 171219
Ion Ratio Lower Upper
83 100
55 67.7 59.3 88.9
98 47.9 39.6 59.4



#40
Benzene
Concen: 50.390 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 78 Resp: 408098
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3





#41

Methacrylonitrile

Concen: 110.067 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.03 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 99014

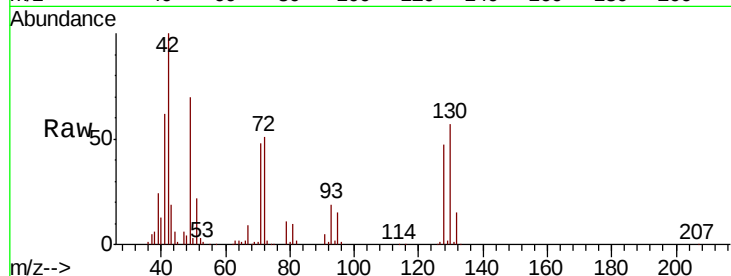
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

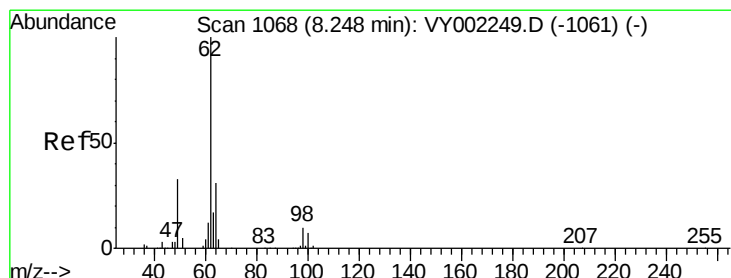
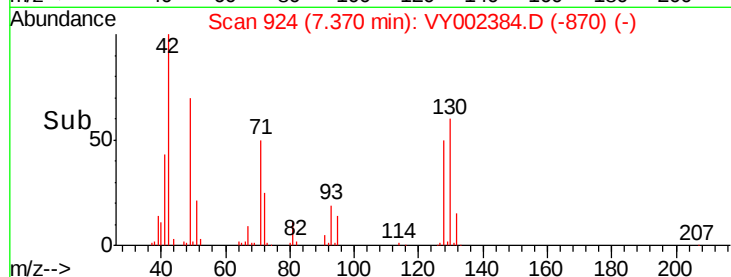
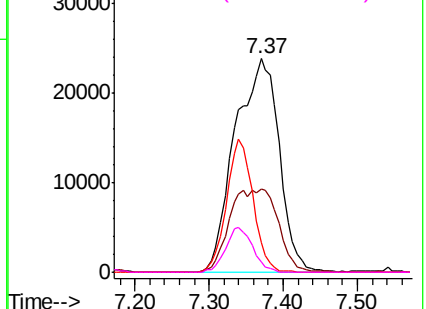


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.981 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002384.D

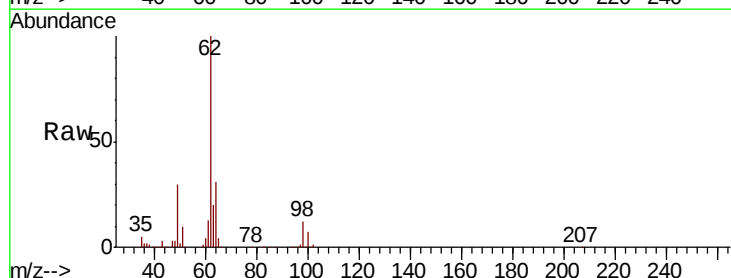
Acq: 16 Apr 2020 21:34

Tgt Ion: 62 Resp: 98264

Ion Ratio Lower Upper

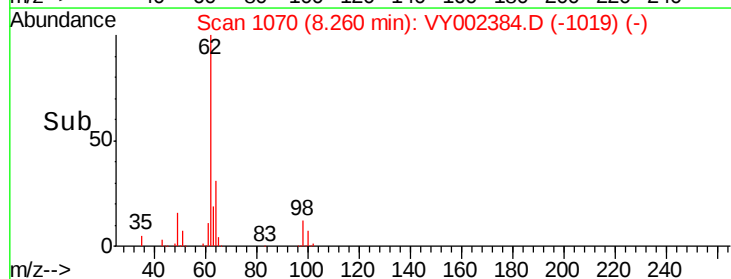
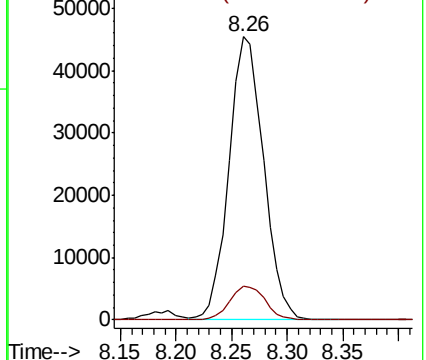
62 100

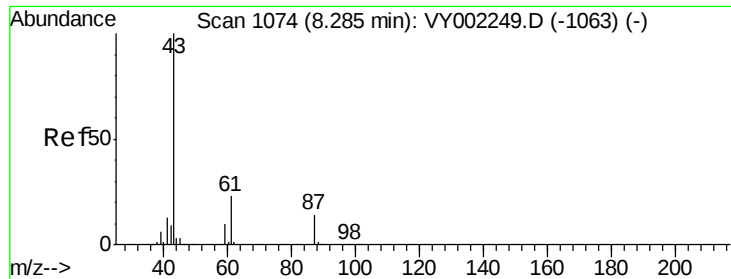
98 12.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



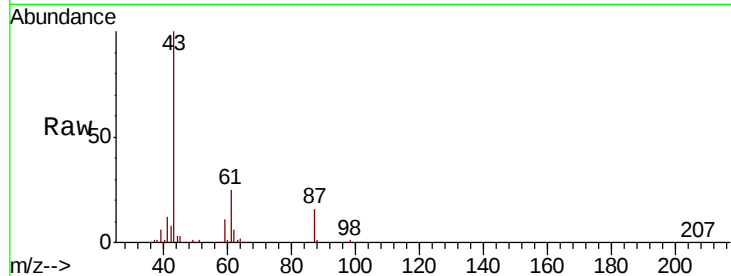


#43

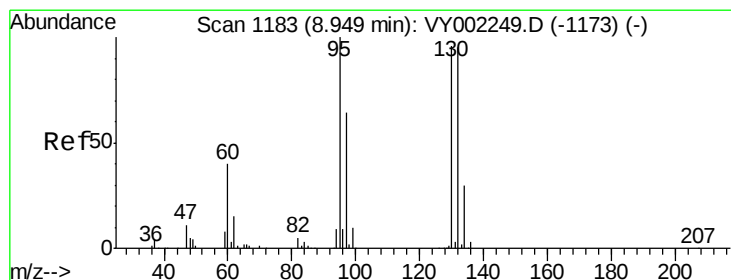
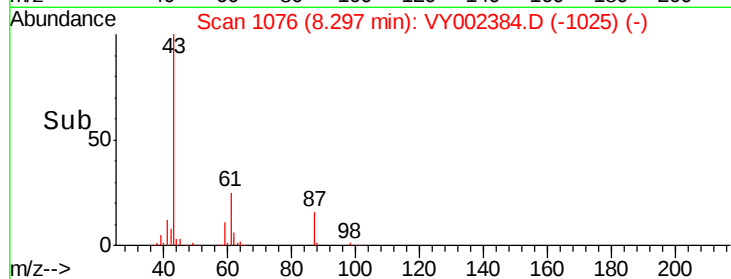
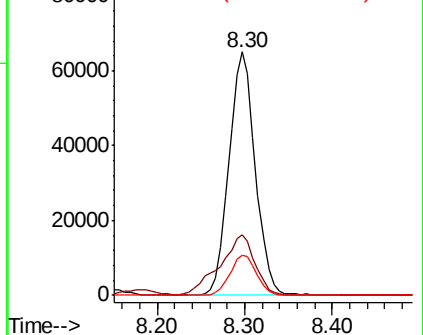
Isopropyl Acetate
 Concen: 48.680 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	135387
Ion Ratio	Lower	Upper	
43	100		
61	33.3	24.9	37.3
87	16.7	11.7	17.5



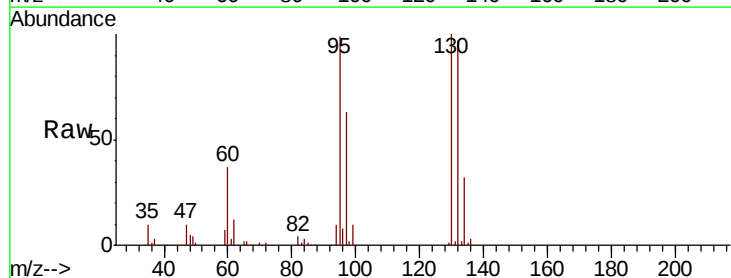
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



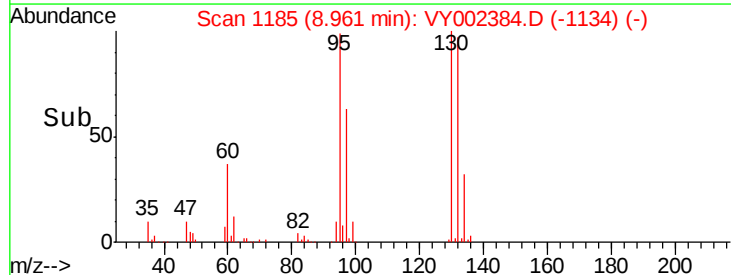
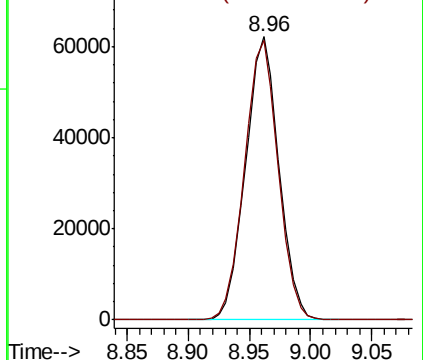
#44

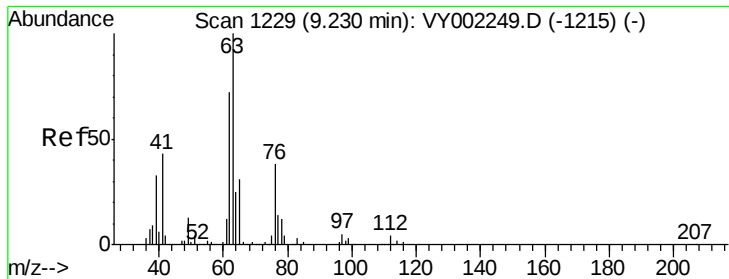
Trichloroethene
 Concen: 49.674 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	130	Resp	118277
Ion Ratio	Lower	Upper	
130	100		
95	98.6	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: 50.575 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

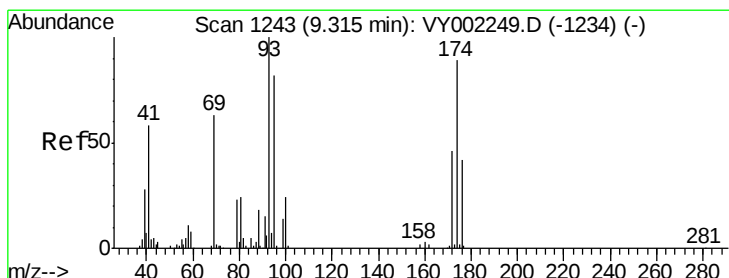
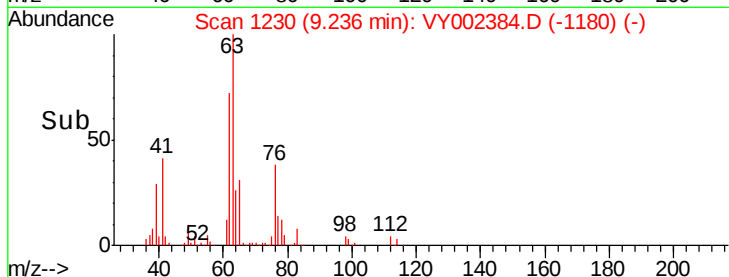
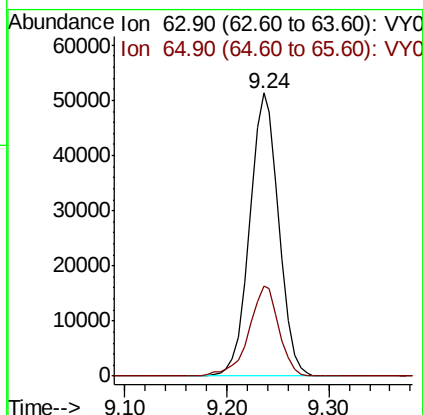
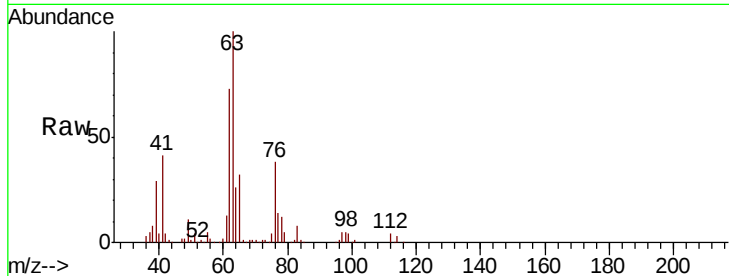
ClientSampleId :

Tot Ion: 63 Resp: 101628

Ion Ratio Lower Upper

63 100

65 31.6 24.6 37.0



#46

Dibromomethane

Concen: 53.414 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

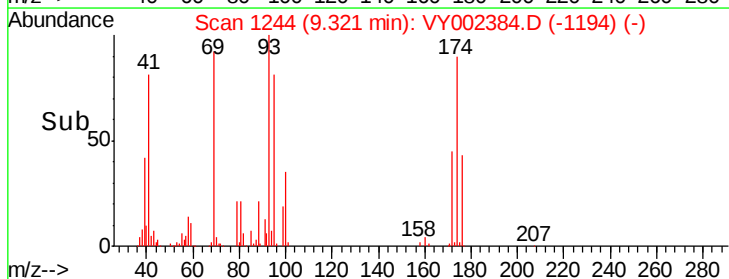
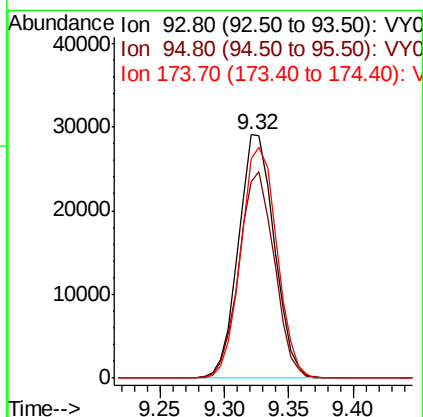
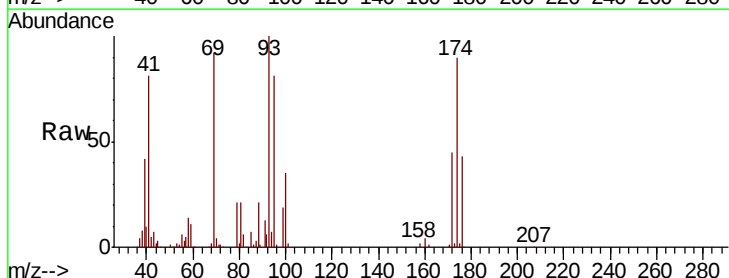
Tgt Ion: 93 Resp: 56119

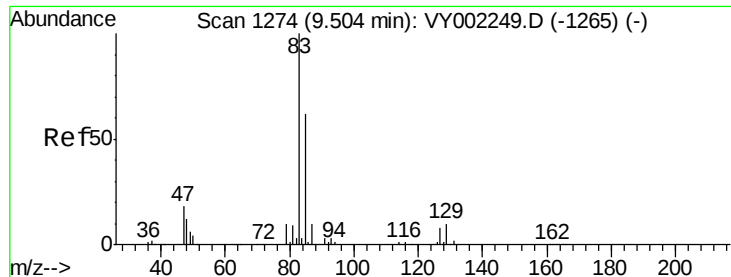
Ion Ratio Lower Upper

93 100

95 83.4 67.3 100.9

174 95.2 72.5 108.7





#47

Bromodichloromethane

Concen: 51.263 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampled :

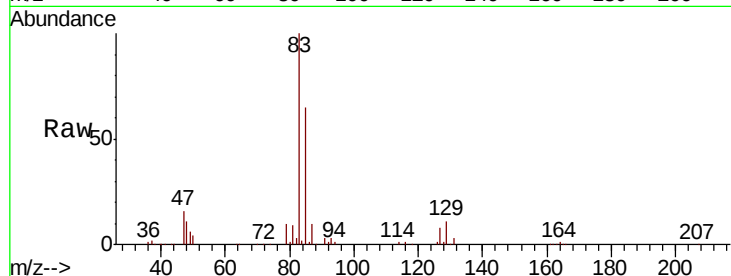
Tot Ion: 83 Resp: 123582

Ion Ratio Lower Upper

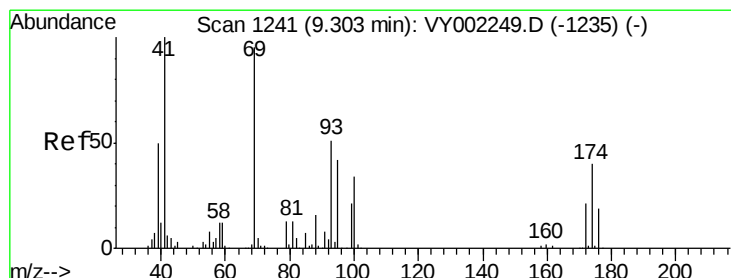
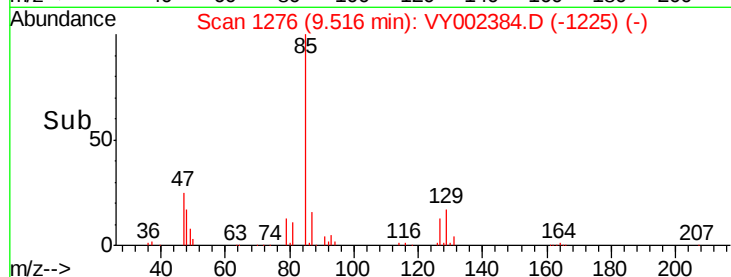
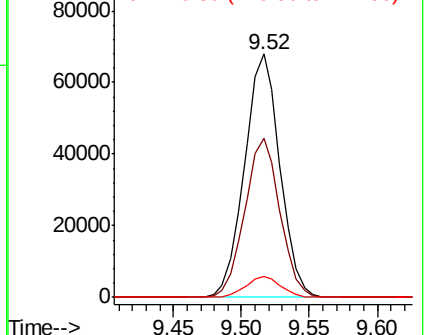
83 100

85 65.2 49.7 74.5

127 8.5 6.2 9.4



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



#48

Methyl methacrylate

Concen: 47.811 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

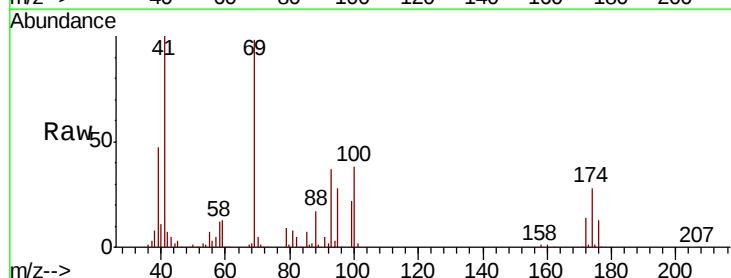
Tgt Ion: 41 Resp: 59623

Ion Ratio Lower Upper

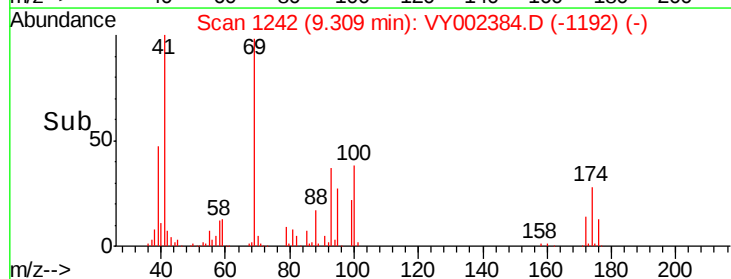
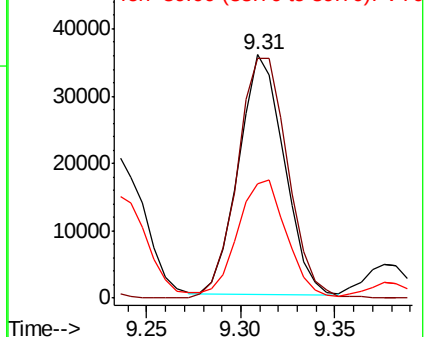
41 100

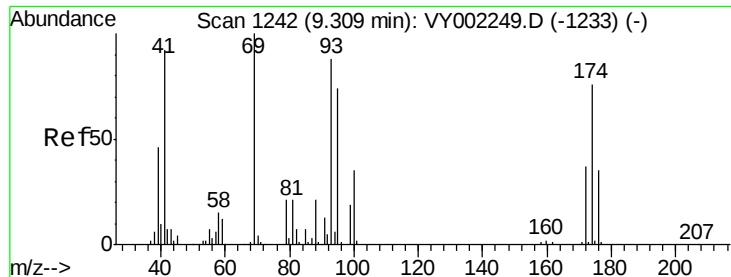
69 110.8 76.7 115.1

39 50.8 40.5 60.7



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





#49

1,4-Dioxane

Concen: 1136.046 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

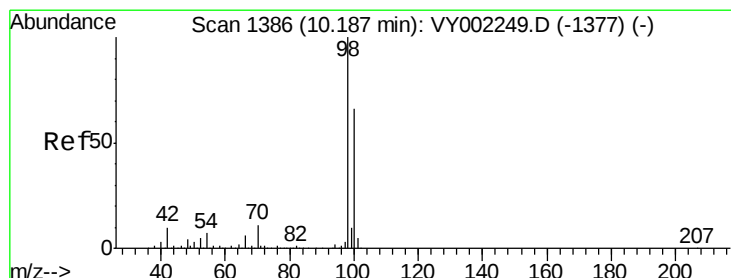
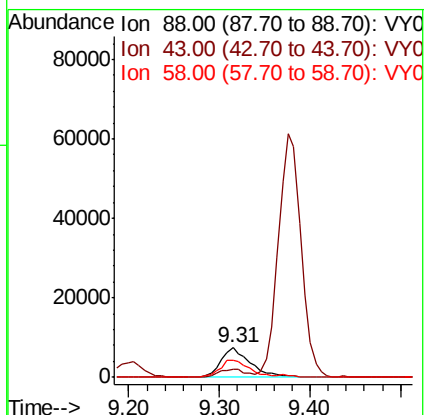
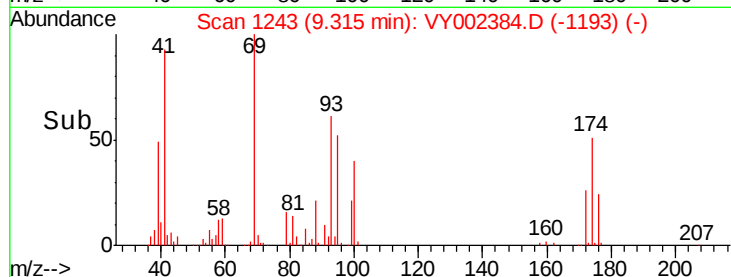
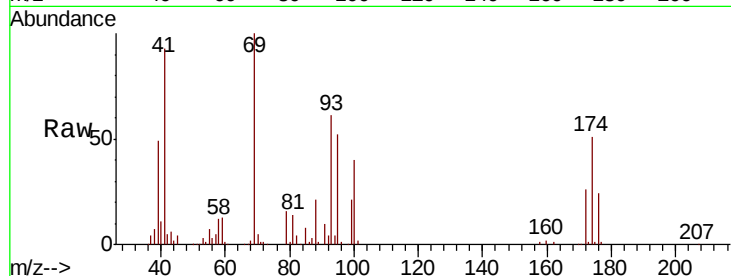
Tot Ion: 88 Resp: 16884

Ion Ratio Lower Upper

88 100

43 26.6 22.2 33.2

58 65.6 57.6 86.4



#50

Toluene-d8

Concen: 49.485 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002384.D

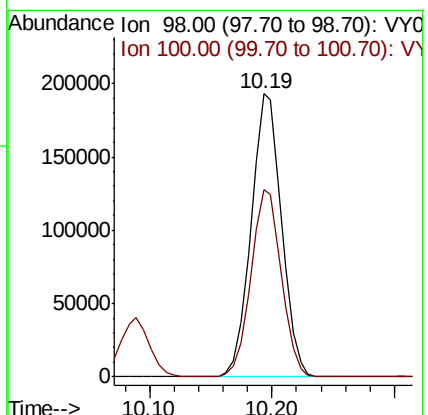
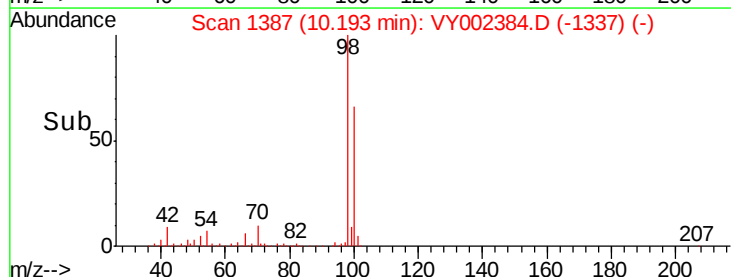
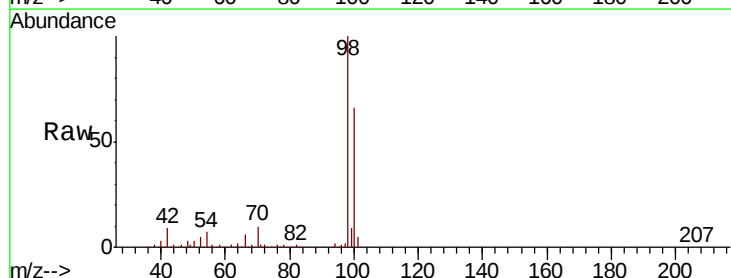
Acq: 16 Apr 2020 21:34

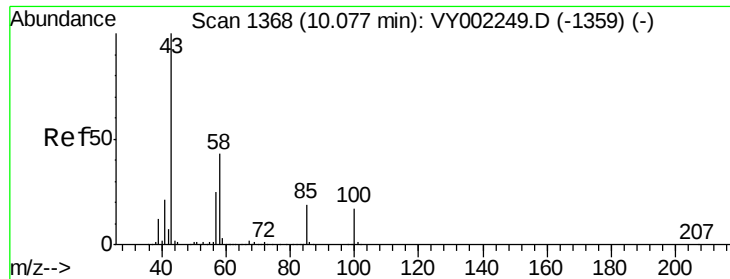
Tgt Ion: 98 Resp: 333995

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

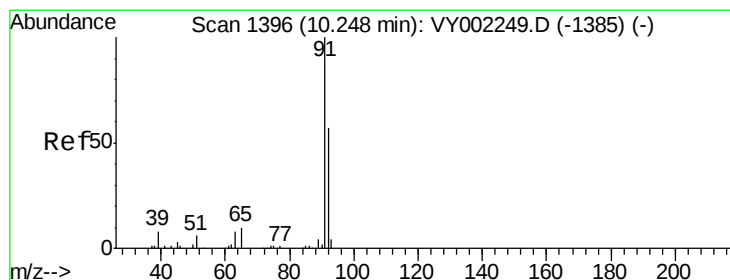
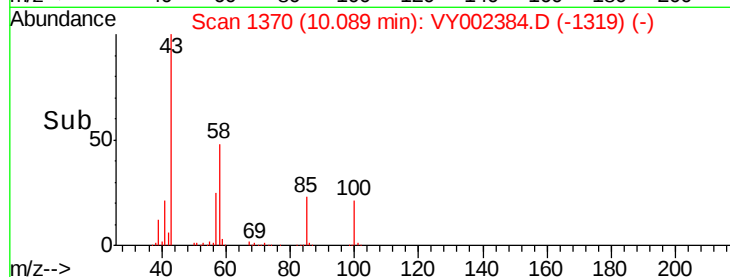
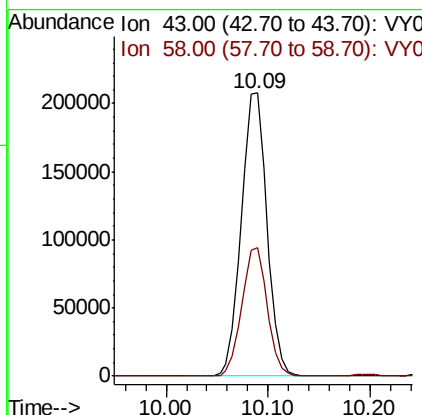
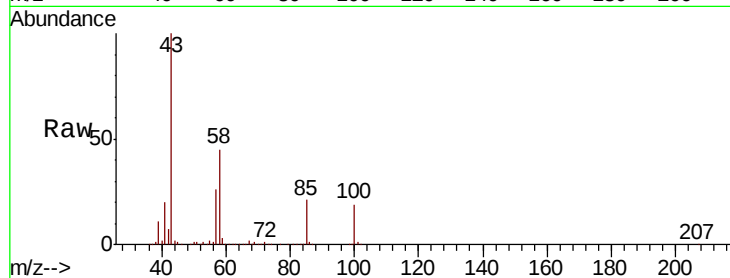




#51
 4-Methyl-2-Pentanone
 Concen: 250.493 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

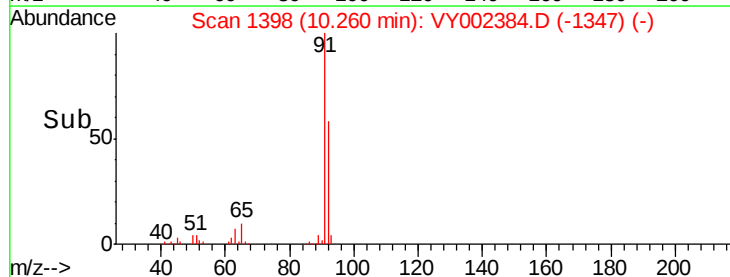
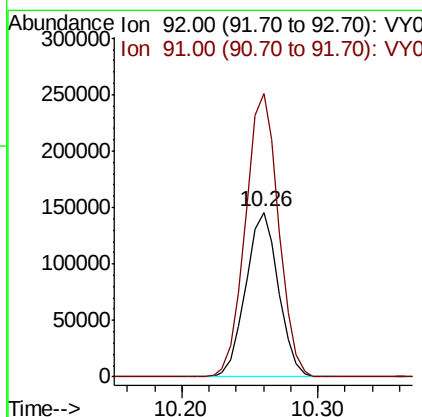
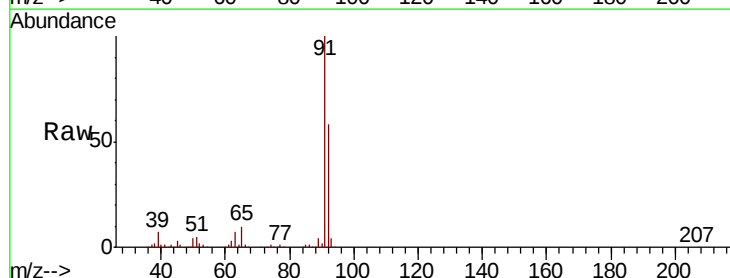
Instrument :
 MSVOA_Y
 ClientSampleId :

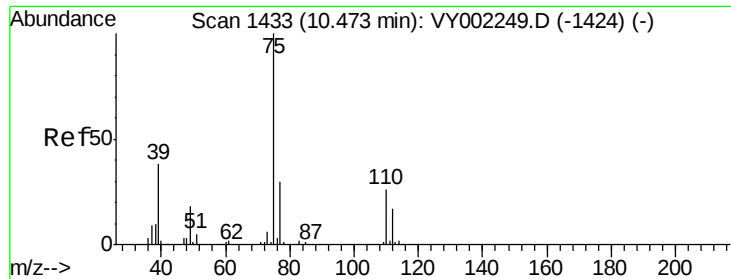
Tot Ion: 43 Resp: 363016
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.8 50.8



#52
 Toluene
 Concen: 50.395 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 92 Resp: 245965
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 50.913 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

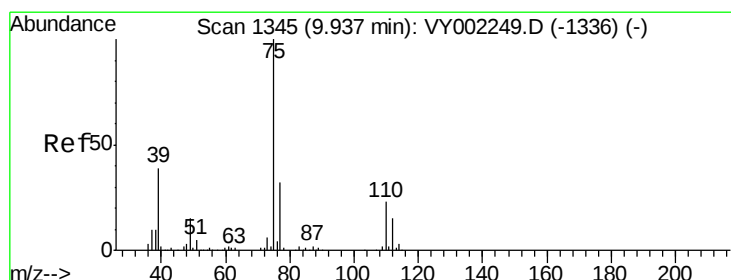
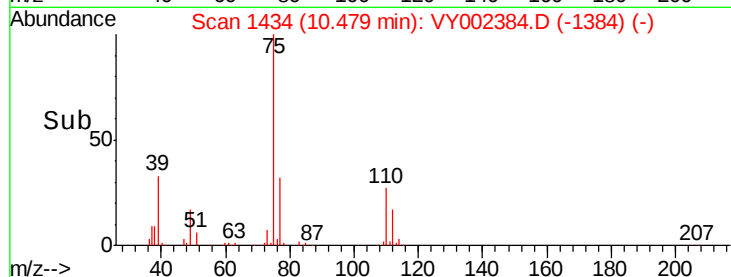
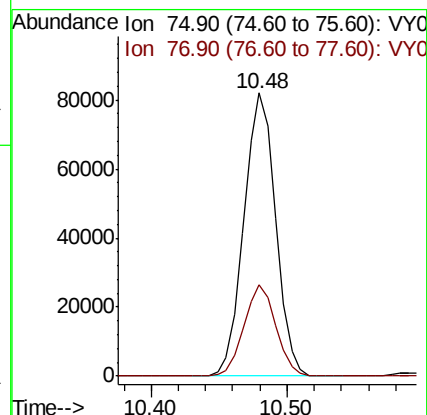
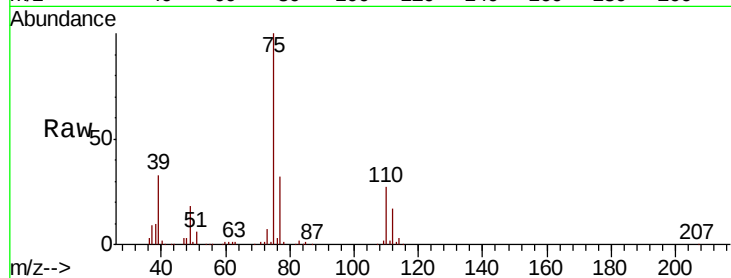
ClientSampleId :

Tot Ion: 75 Resp: 133730

Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 50.667 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

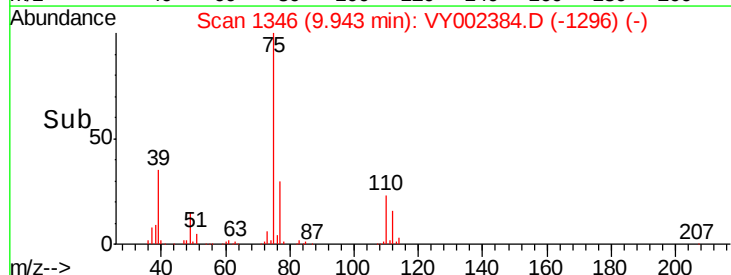
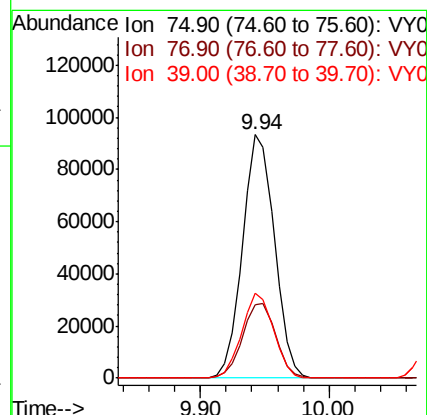
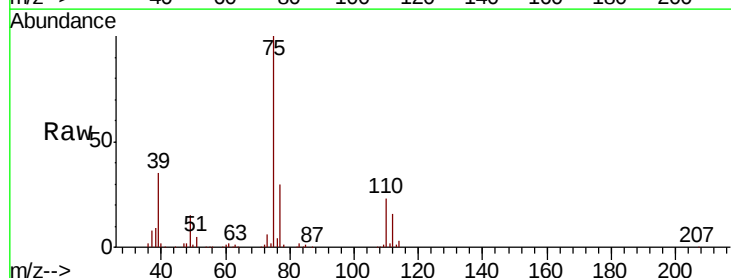
Tgt Ion: 75 Resp: 159999

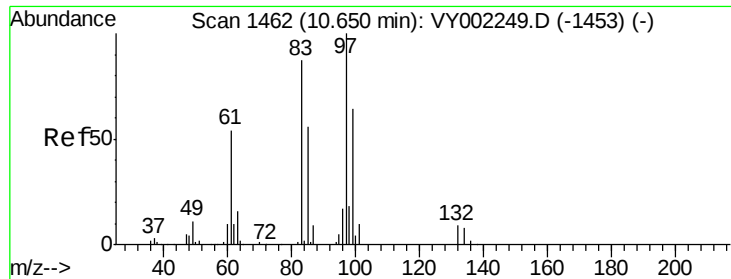
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

39 35.0 30.8 46.2

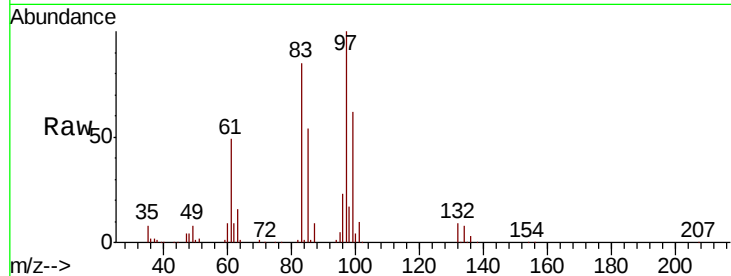




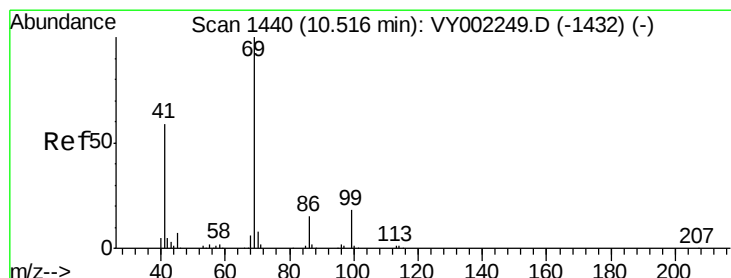
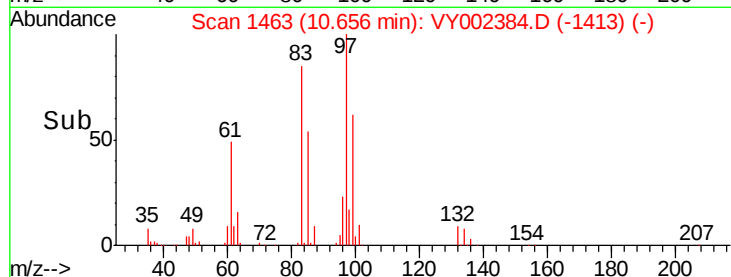
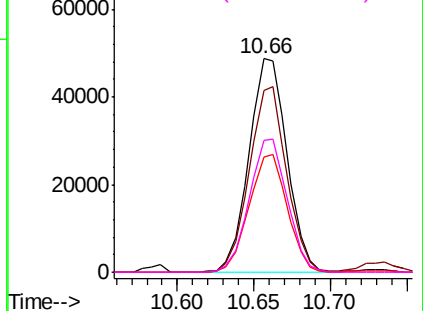
#55
 1,1,2-Trichloroethane
 Concen: 54.895 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	84440
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.5	104.3
85	53.9	45.2	67.8
99	61.6	50.9	76.3

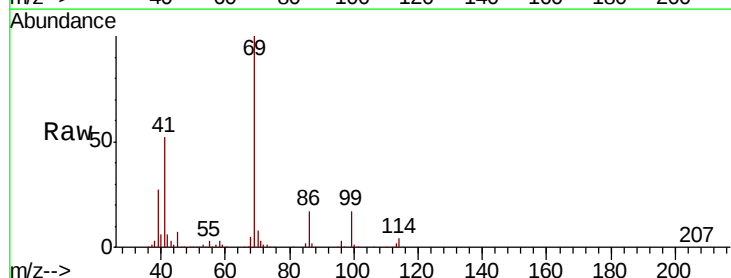


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

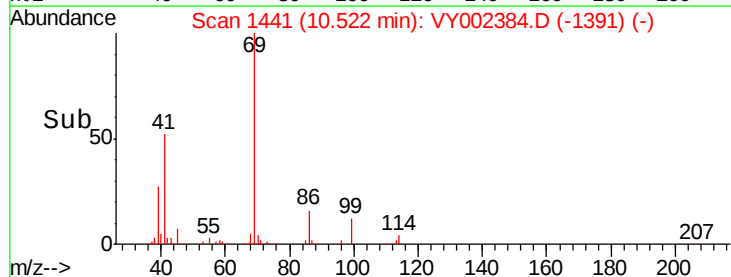
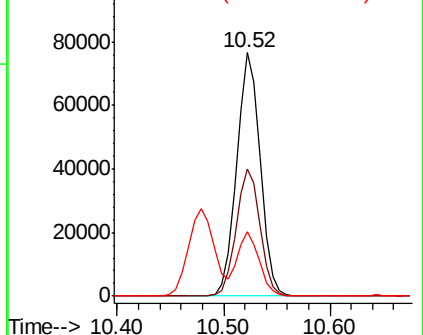


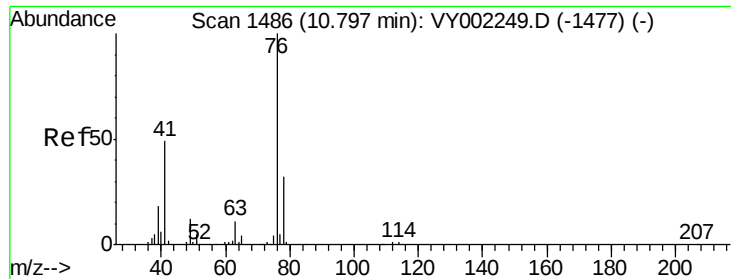
#56
 Ethyl methacrylate
 Concen: 54.096 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:	69	Resp:	118763
Ion	Ratio	Lower	Upper
69	100		
41	52.6	47.9	71.9
39	24.6	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

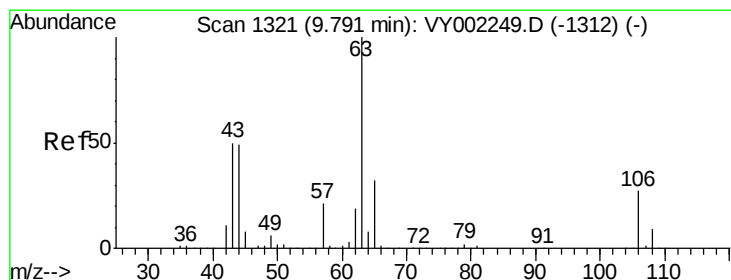
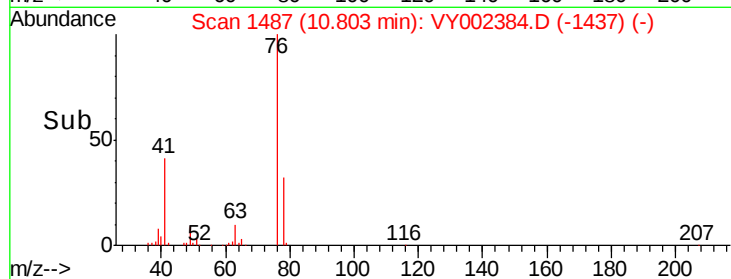
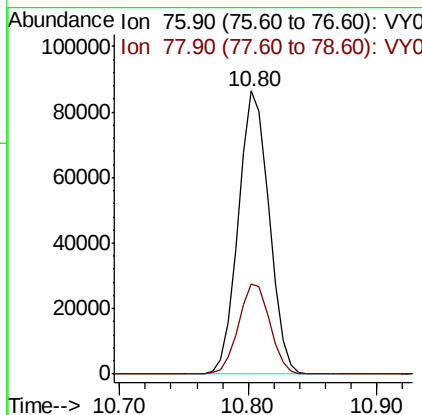
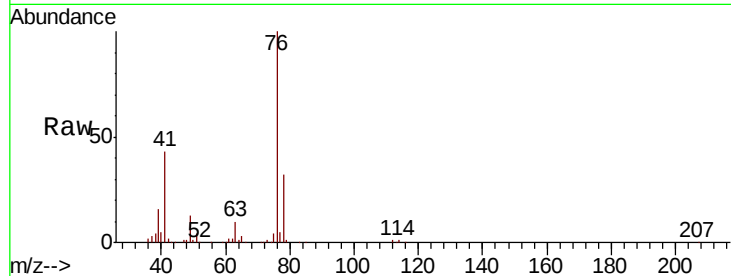




#57
 1,3-Dichloropropane
 Concen: 52.715 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

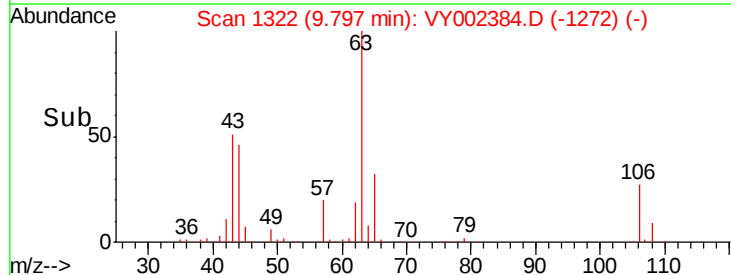
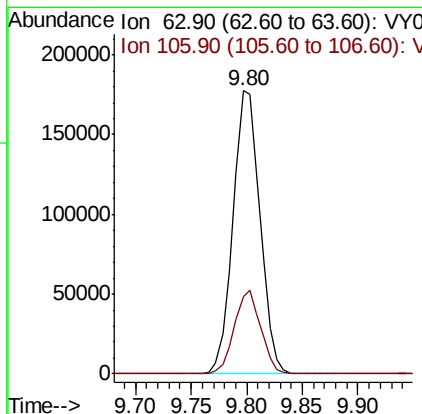
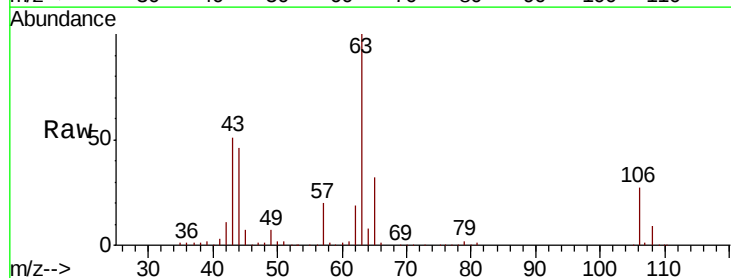
Instrument :
 MSVOA_Y
 ClientSampleId :

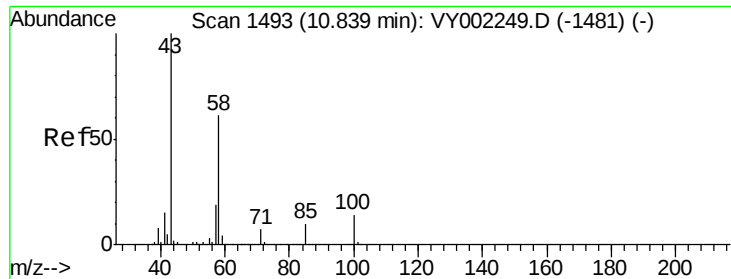
Tot Ion: 76 Resp: 142524
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.253 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 63 Resp: 298150
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.2 33.2

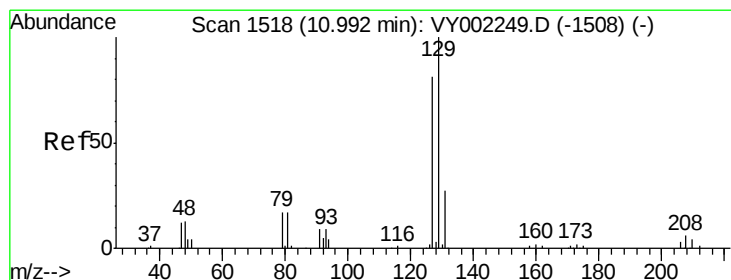
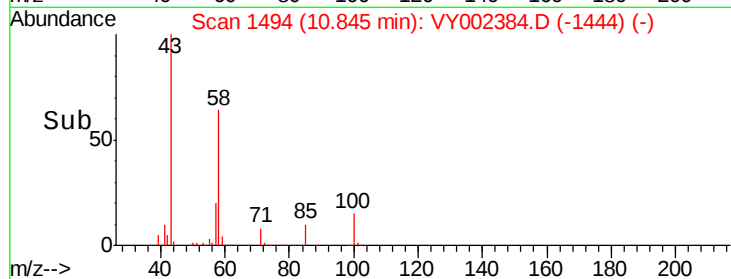
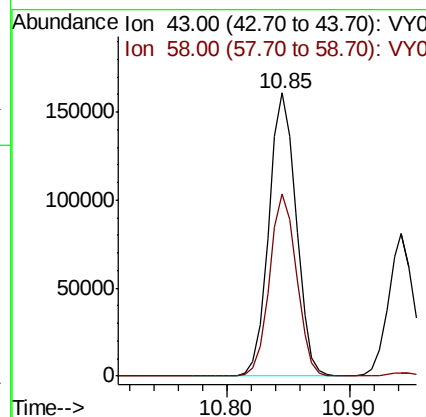
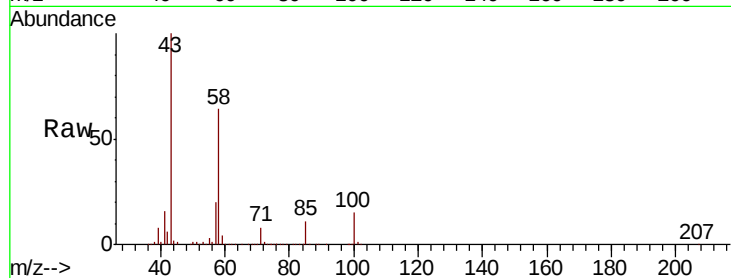




#59
2-Hexanone
Concen: 248.645 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

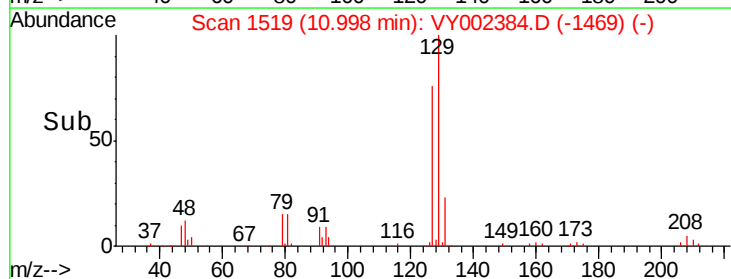
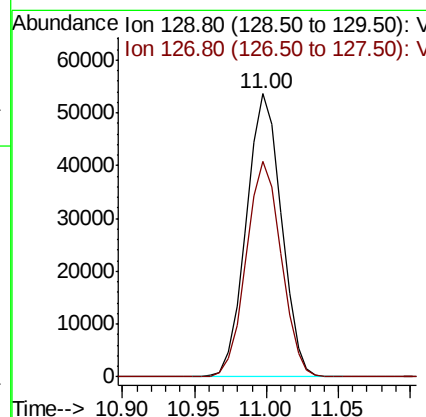
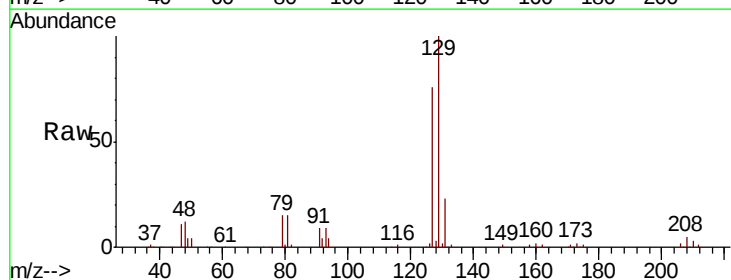
Instrument :
MSVOA_Y
ClientSampleId :

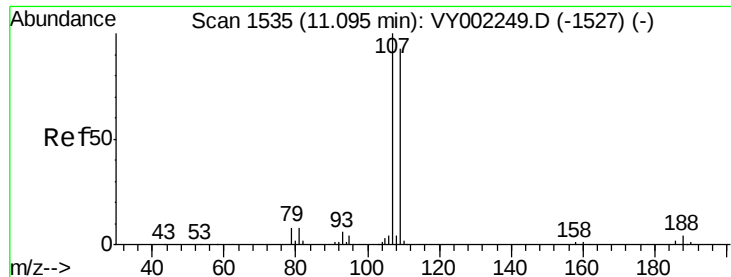
Tot Ion: 43 Resp: 250084
Ion Ratio Lower Upper
43 100
58 63.8 29.8 89.3



#60
Dibromochloromethane
Concen: 55.024 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 129 Resp: 90250
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

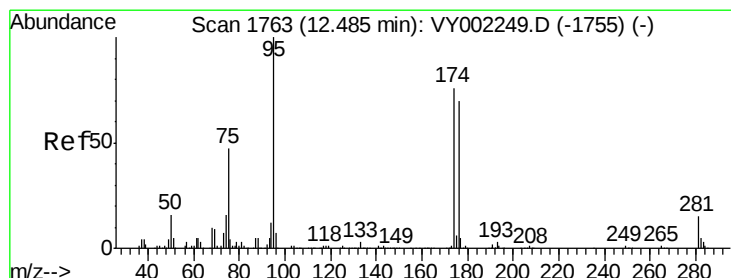
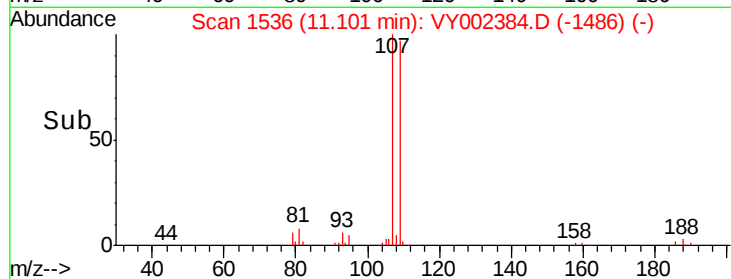
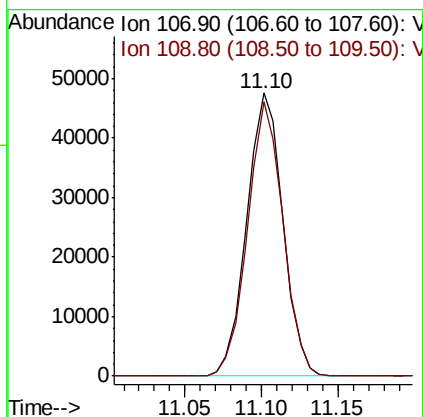
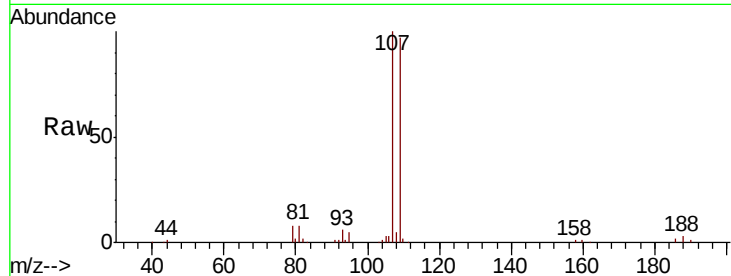




#61
 1,2-Dibromoethane
 Concen: 53.374 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

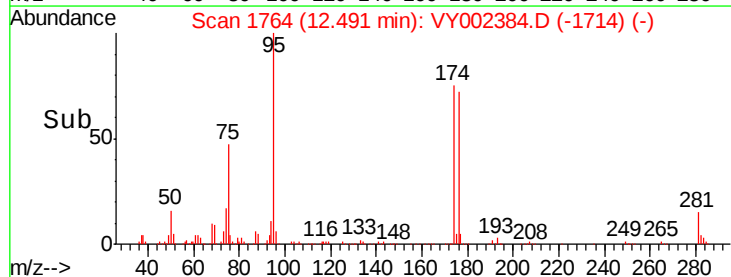
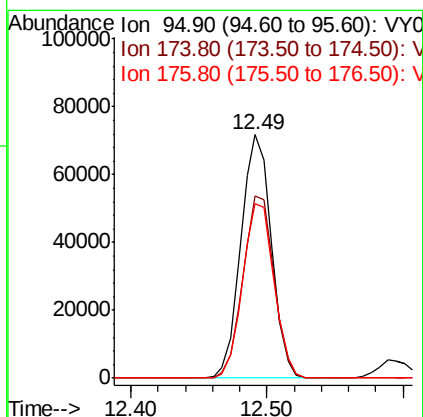
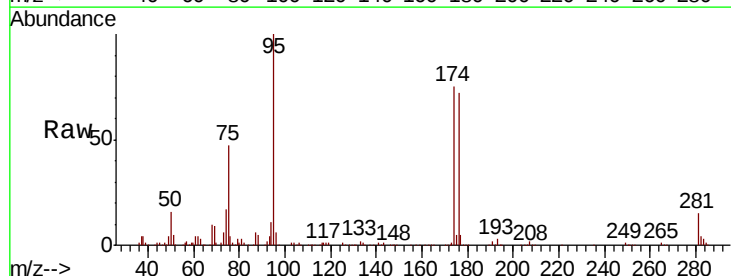
Instrument :
 MSVOA_Y
 ClientSampled :

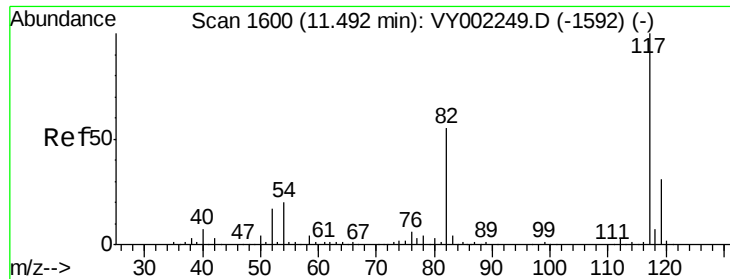
Tot Ion: 107 Resp: 78160
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.431 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 95 Resp: 112296
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.6
 176 73.9 0.0 141.4

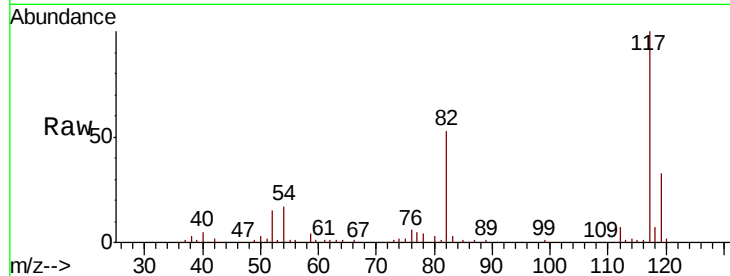




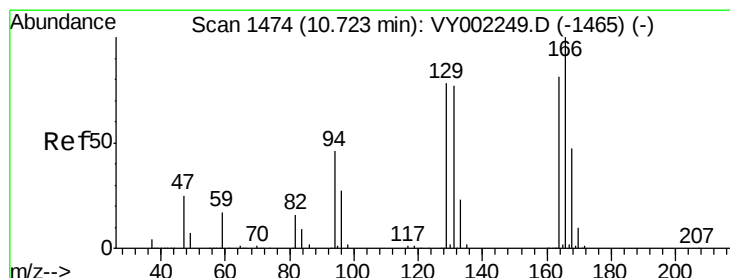
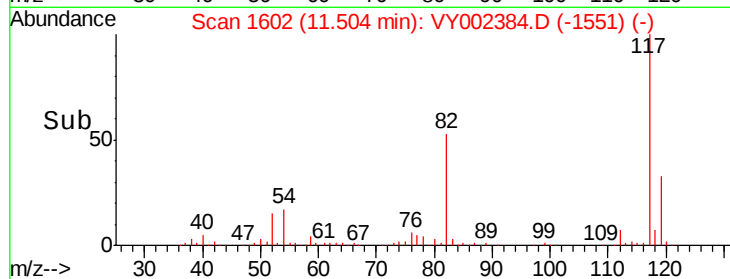
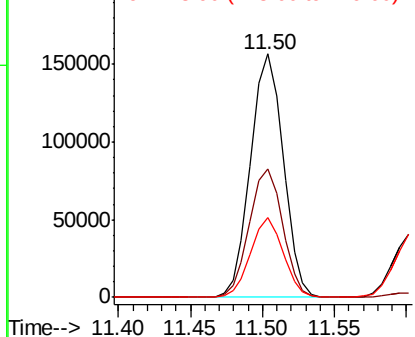
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 247488
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 32.9 25.1 37.7



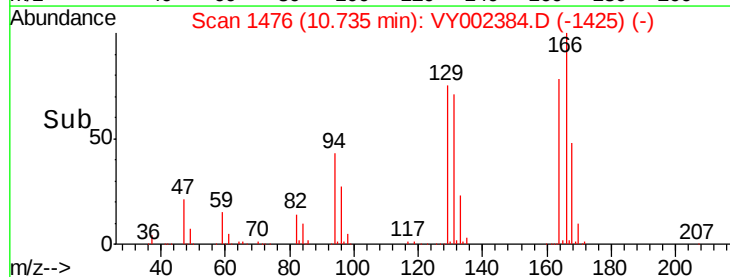
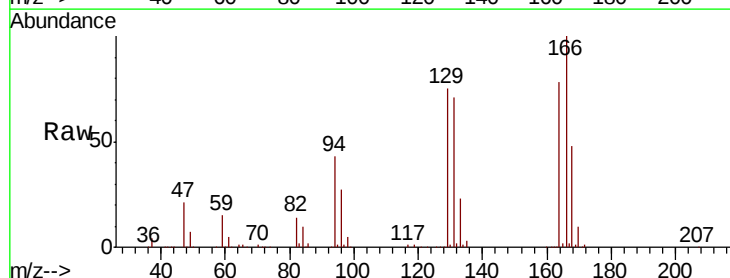
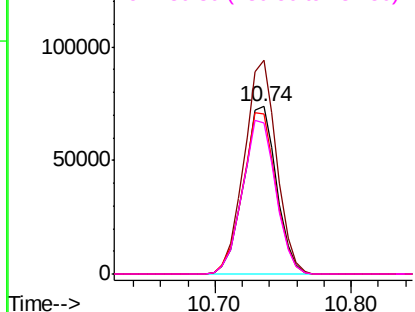
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

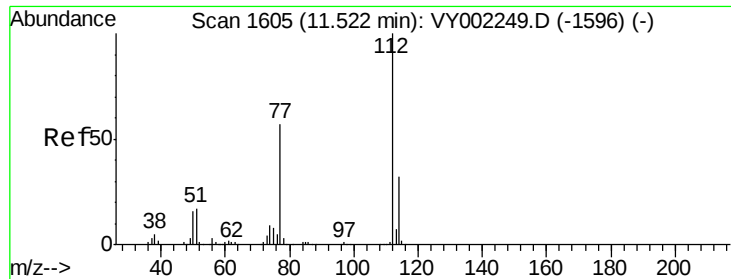


#64
Tetrachloroethene
Concen: 49.848 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion:164 Resp: 124727
Ion Ratio Lower Upper
164 100
166 127.6 98.4 147.6
129 95.3 76.6 115.0
131 90.3 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

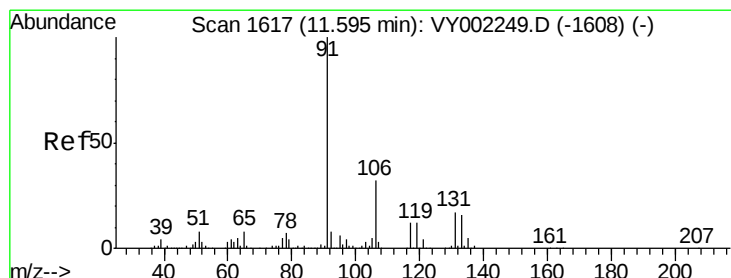
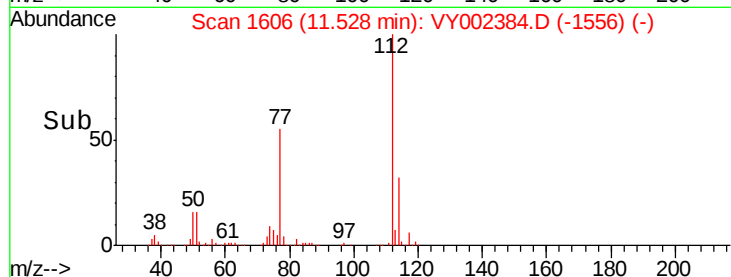
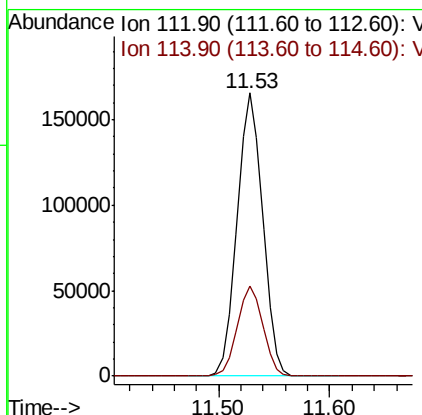
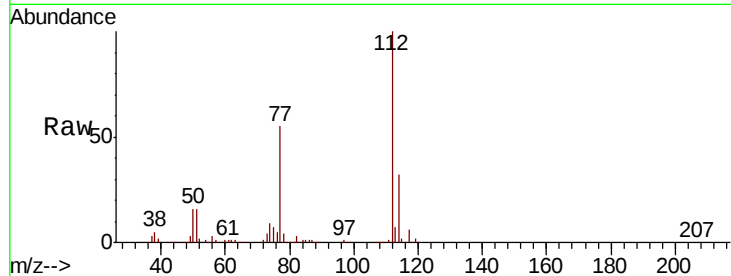




#65
Chlorobenzene
Concen: 51.238 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

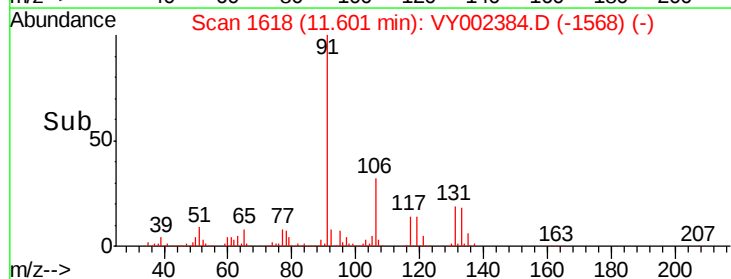
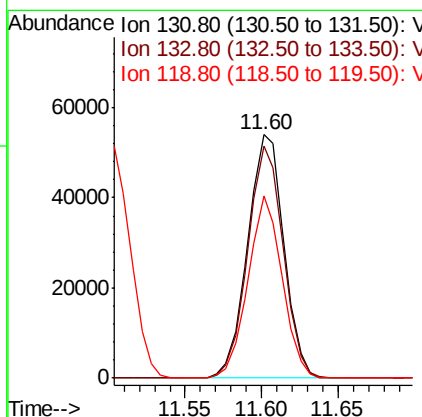
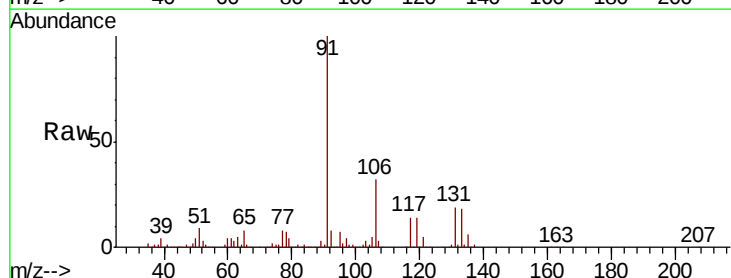
Instrument :
MSVOA_Y
ClientSampleId :

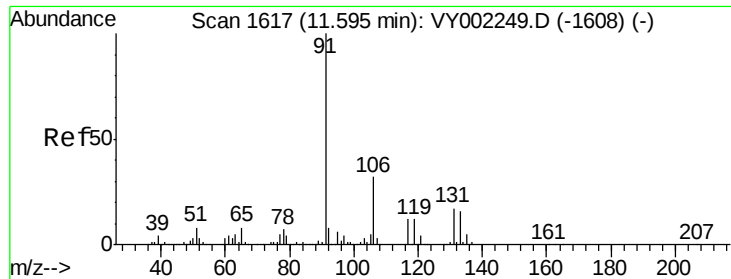
Tot Ion:112 Resp: 263596
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.493 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion:131 Resp: 89161
Ion Ratio Lower Upper
131 100
133 93.2 46.5 139.3
119 70.5 34.5 103.6





#67

Ethyl Benzene

Concen: 49.482 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

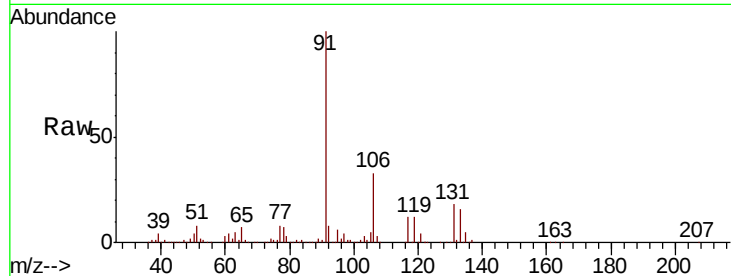
ClientSampled :

Tot Ion: 91 Resp: 466026

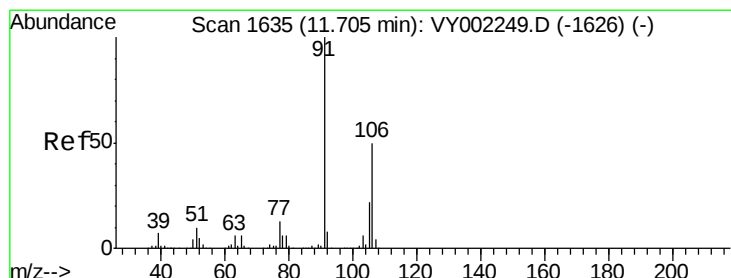
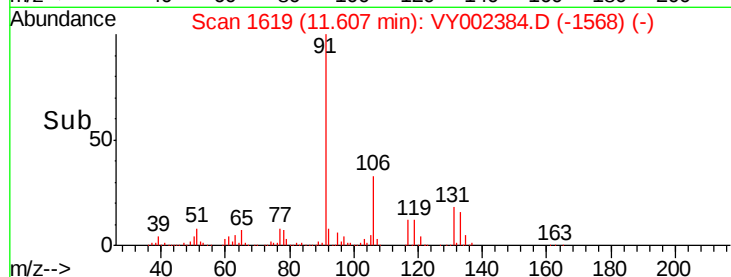
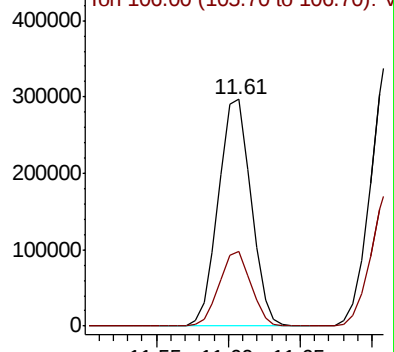
Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1608) (-)



#68

m/p-Xylenes

Concen: 98.797 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VY002384.D

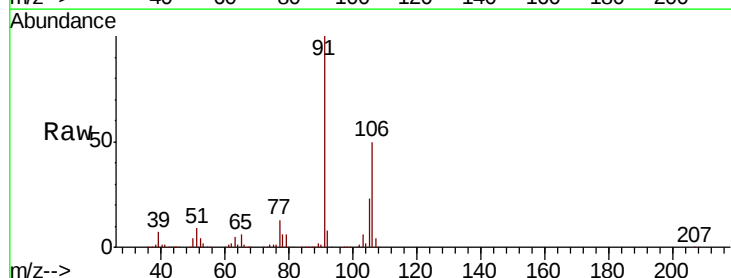
Acq: 16 Apr 2020 21:34

Tgt Ion: 106 Resp: 348503

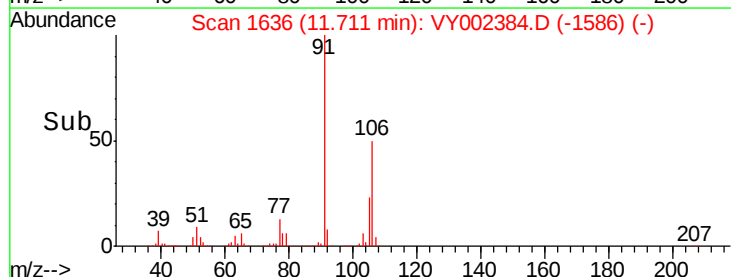
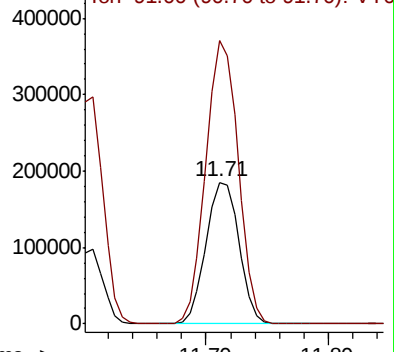
Ion Ratio Lower Upper

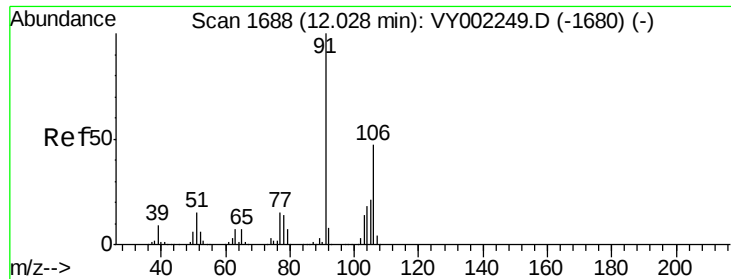
106 100

91 195.9 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002249.D (-1626) (-)

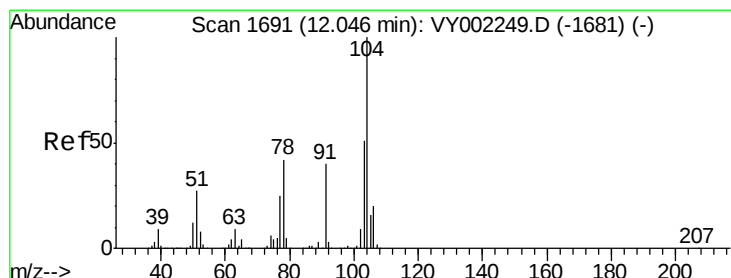
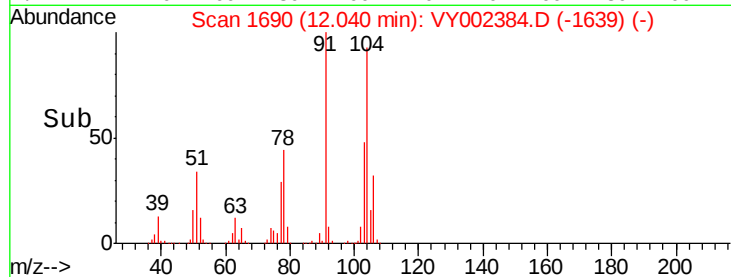
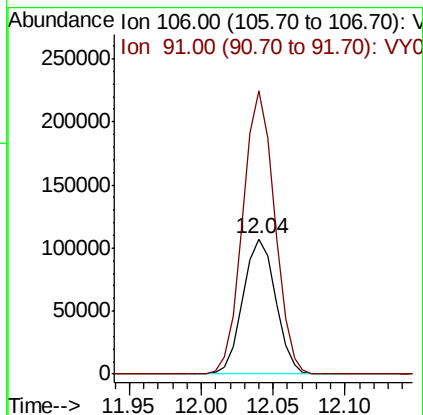
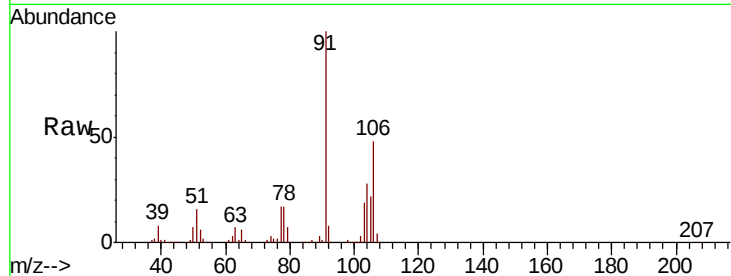




#69
o-Xylene
Concen: 50.809 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

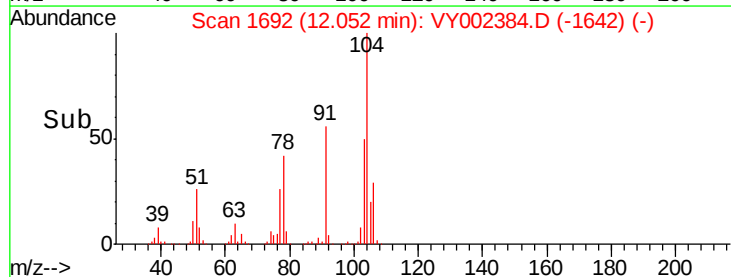
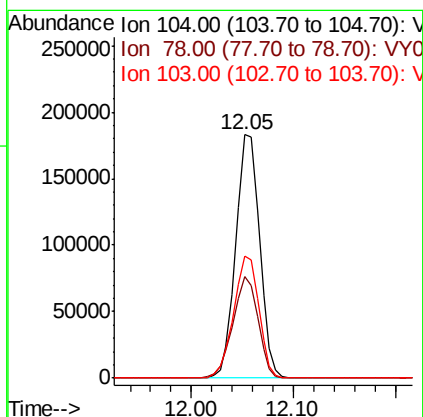
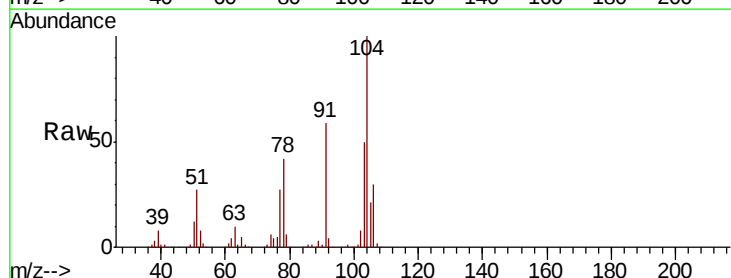
Instrument :
MSVOA_Y
ClientSampled :

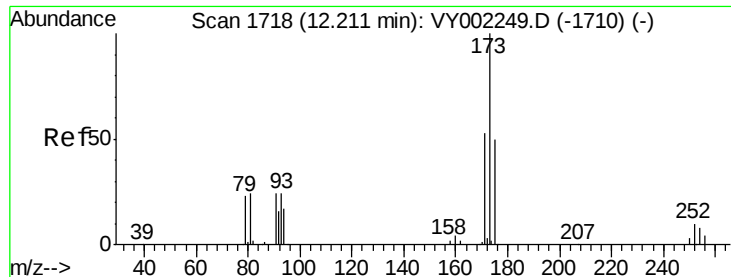
Tot Ion:106 Resp: 168265
Ion Ratio Lower Upper
106 100
91 205.1 105.8 317.3



#70
Styrene
Concen: 51.337 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion:104 Resp: 294964
Ion Ratio Lower Upper
104 100
78 44.0 37.2 55.8
103 53.2 43.4 65.0

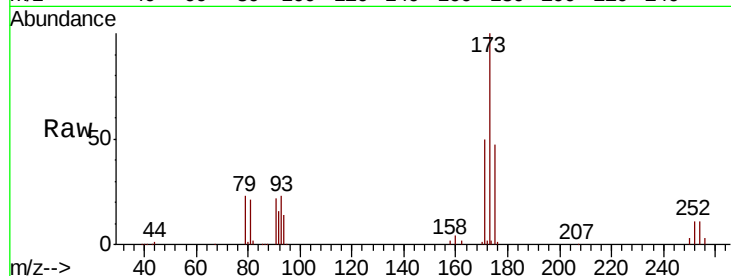




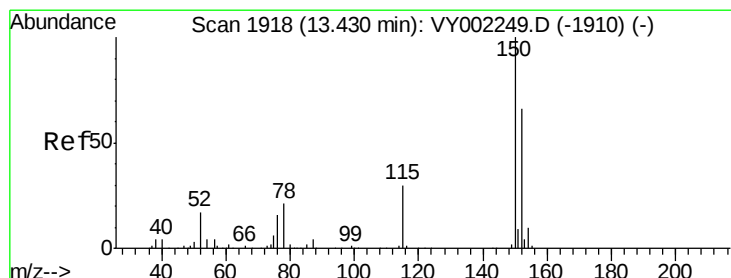
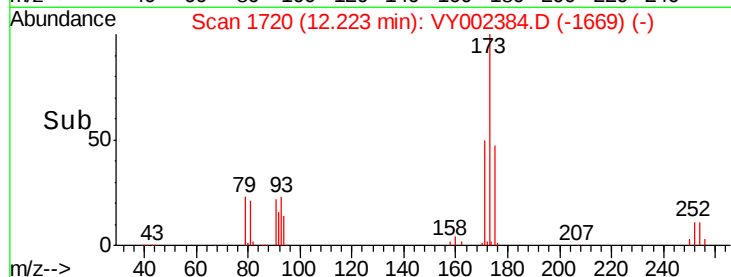
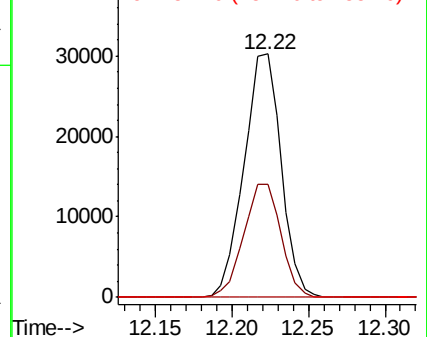
#71
 Bromoform
 Concen: 55.398 ug/l
 RT: 12.22 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:173 Resp: 51170
 Ion Ratio Lower Upper
 173 100
 175 46.6 24.1 72.3
 254 0.0 0.0 0.0

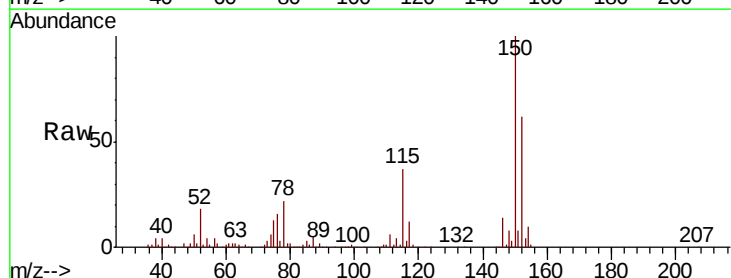


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

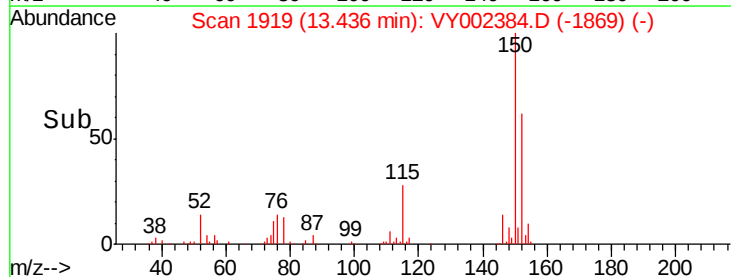
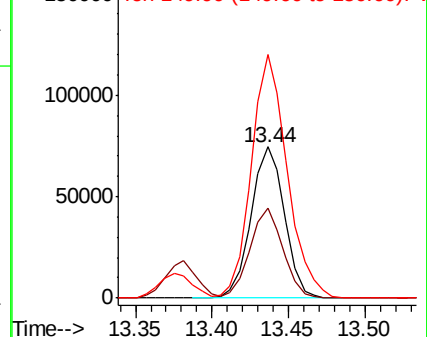


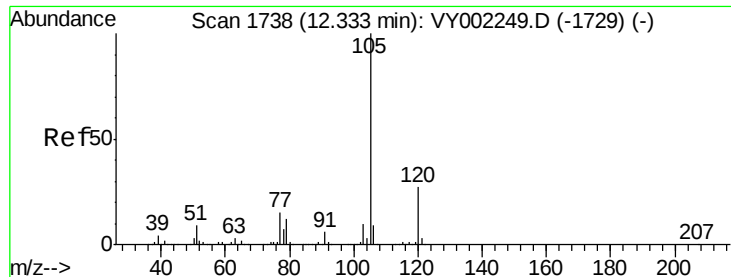
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:152 Resp: 112328
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.7 92.1
 150 174.1 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

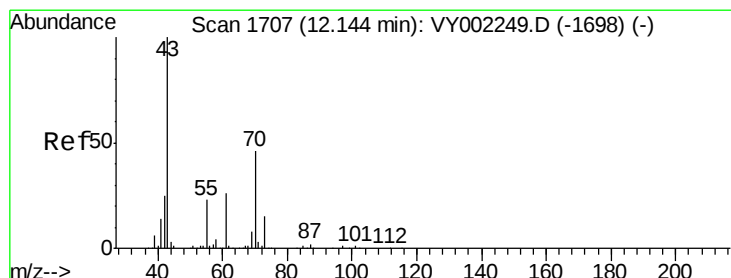
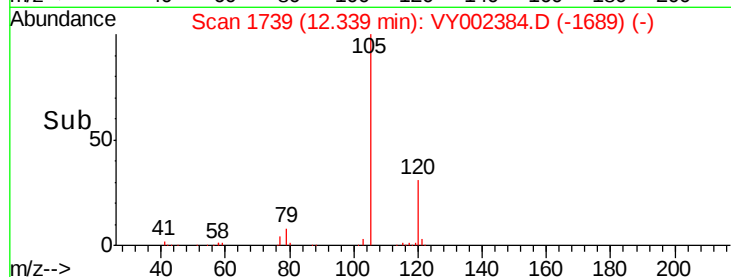
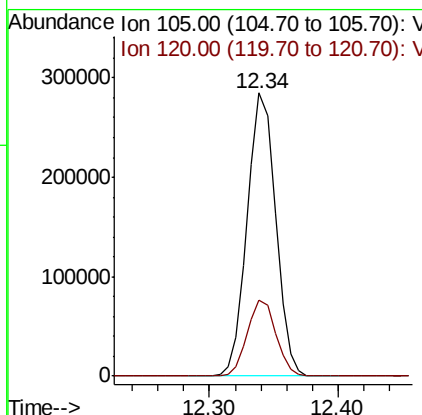
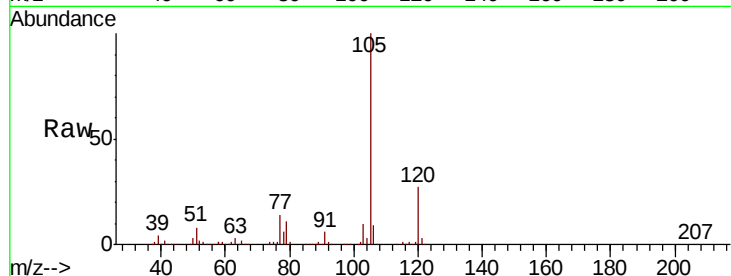




#73
Isopropylbenzene
Concen: 49.176 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

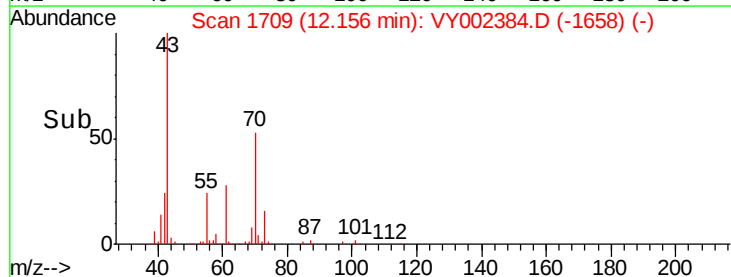
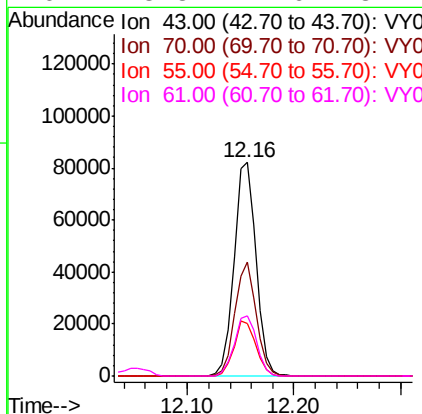
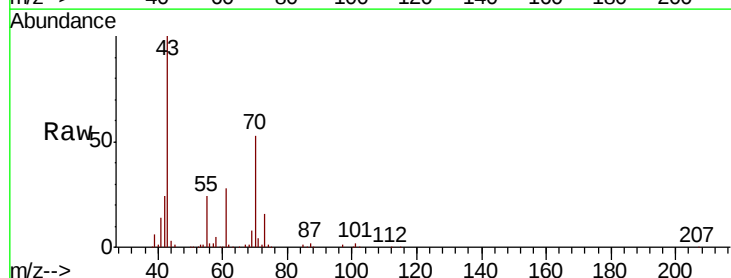
Instrument :
MSVOA_Y
ClientSampleId :

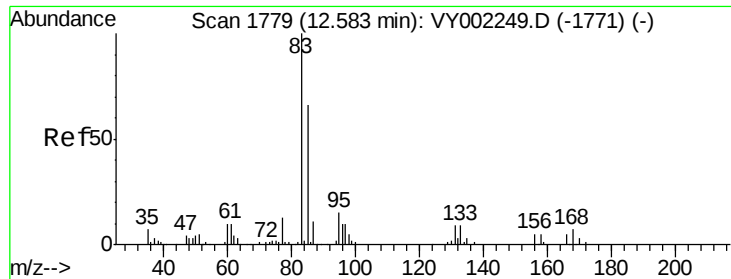
Tot Ion:105 Resp: 433957
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8



#74
N-ethyl acetate
Concen: 47.654 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 43 Resp: 119373
Ion Ratio Lower Upper
43 100
70 51.4 37.5 56.3
55 25.7 19.0 28.6
61 28.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.308 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

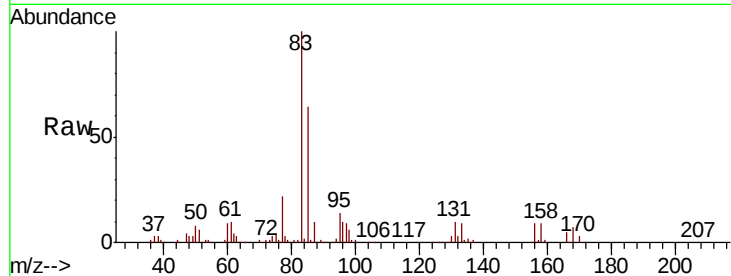
Tot Ion: 83 Resp: 60118

Ion Ratio Lower Upper

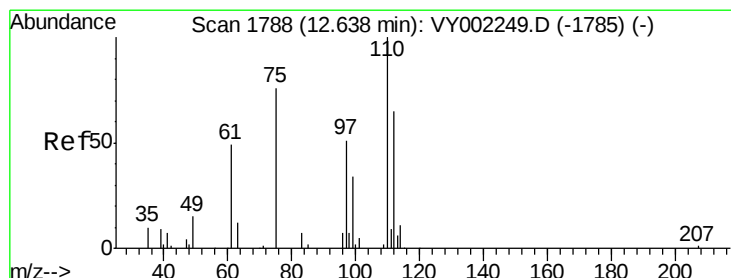
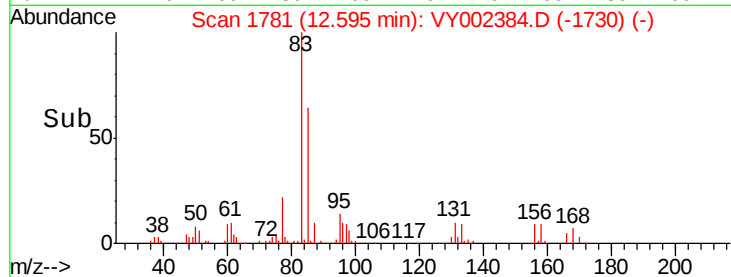
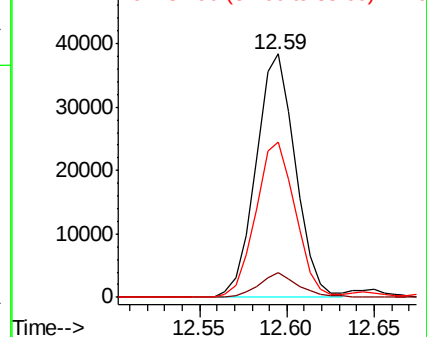
83 100

131 10.0 4.9 14.7

85 64.5 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: 93.575 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002384.D

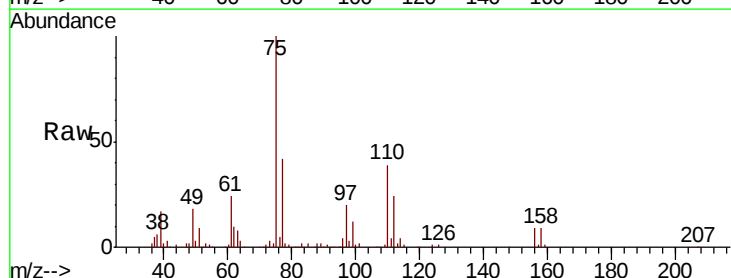
Acq: 16 Apr 2020 21:34

Tgt Ion: 75 Resp: 122057

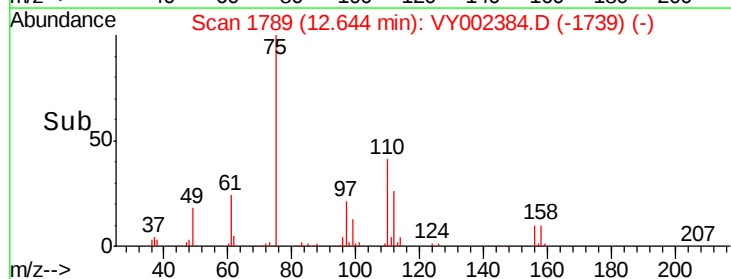
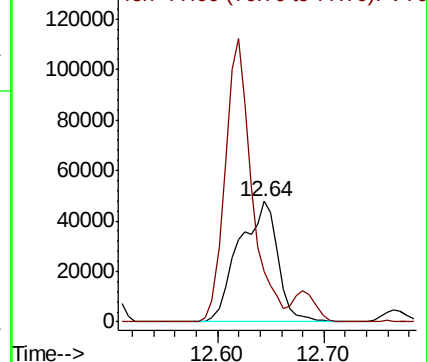
Ion Ratio Lower Upper

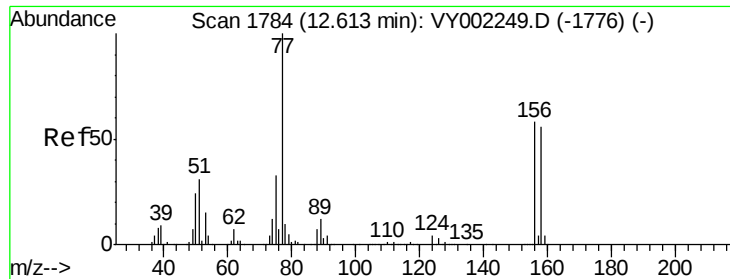
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.314 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

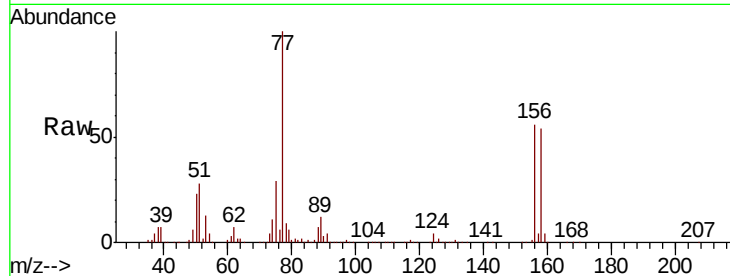
Tot Ion:156 Resp: 99625

Ion Ratio Lower Upper

156 100

77 196.9 101.3 303.9

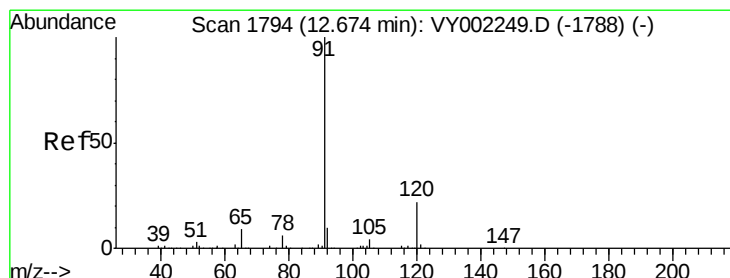
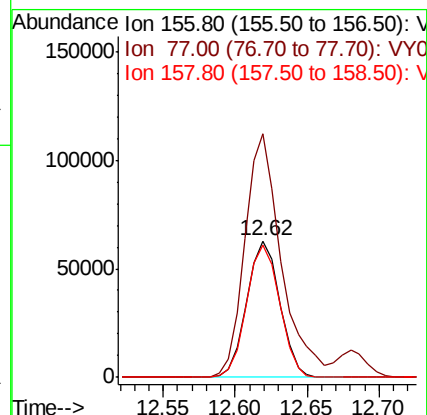
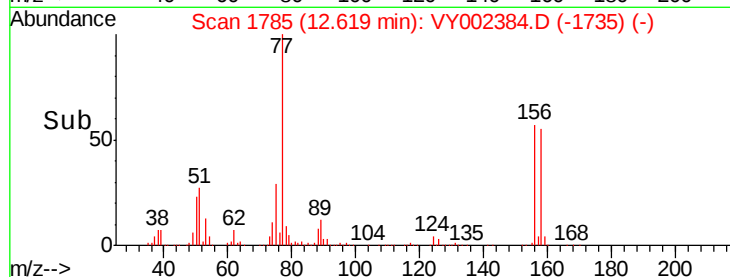
158 97.0 48.3 144.8



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: 47.895 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002384.D

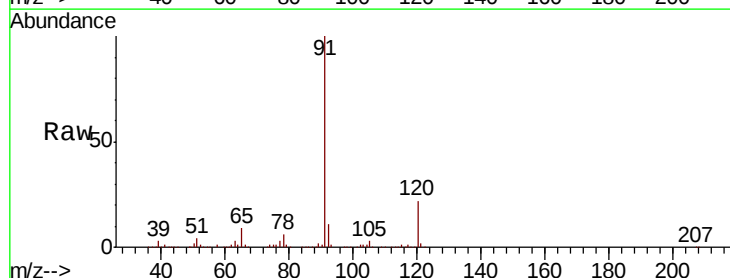
Acq: 16 Apr 2020 21:34

Tgt Ion: 91 Resp: 525653

Ion Ratio Lower Upper

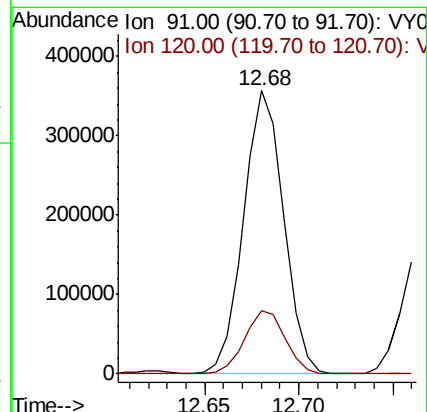
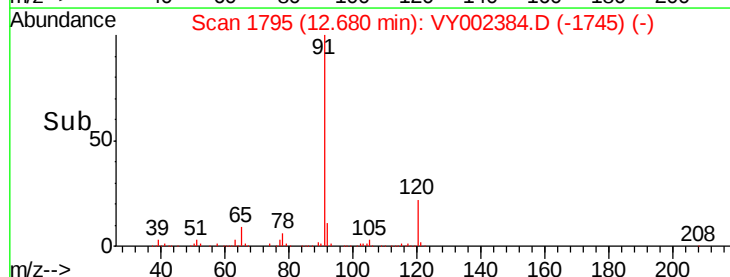
91 100

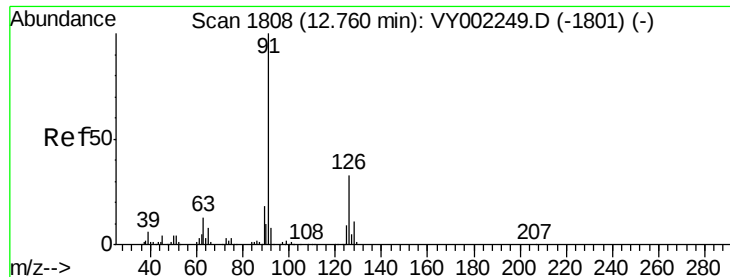
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.596 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

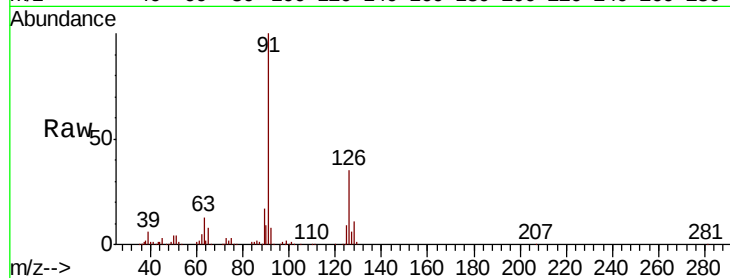
ClientSampleId :

Tot Ion: 91 Resp: 289850

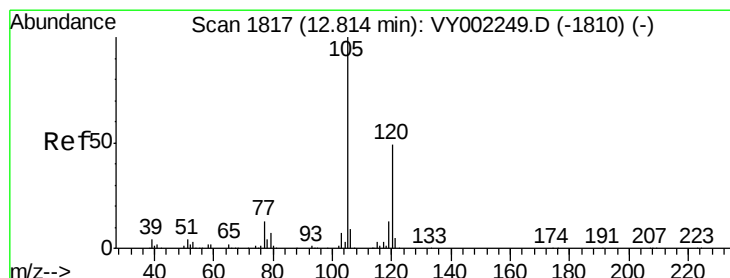
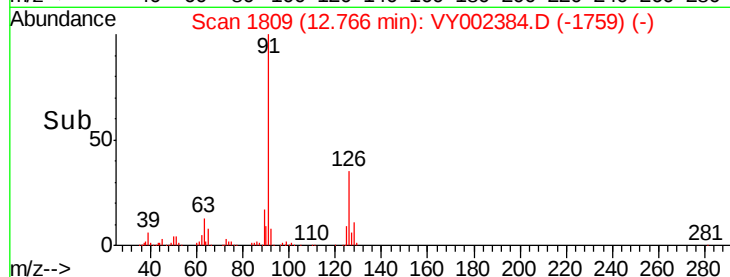
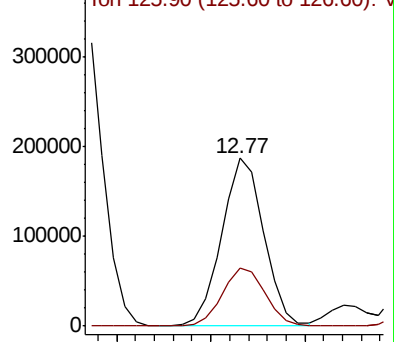
Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.692 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002384.D

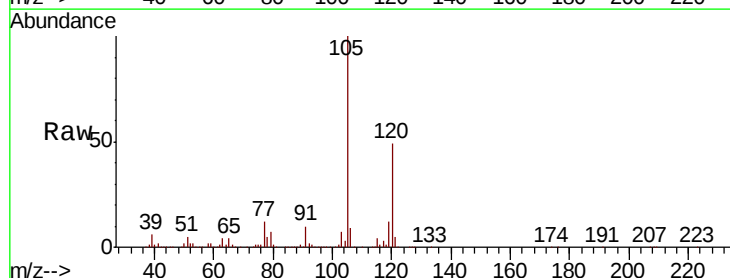
Acq: 16 Apr 2020 21:34

Tgt Ion:105 Resp: 355362

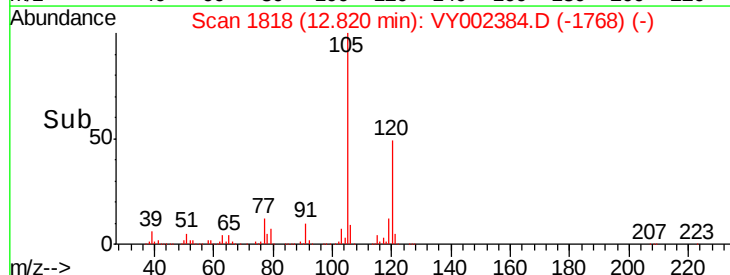
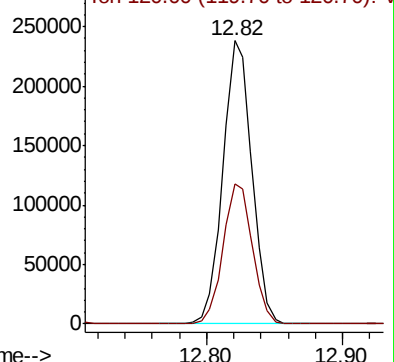
Ion Ratio Lower Upper

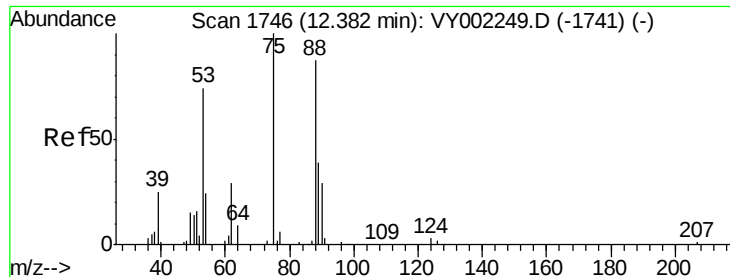
105 100

120 50.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.547 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

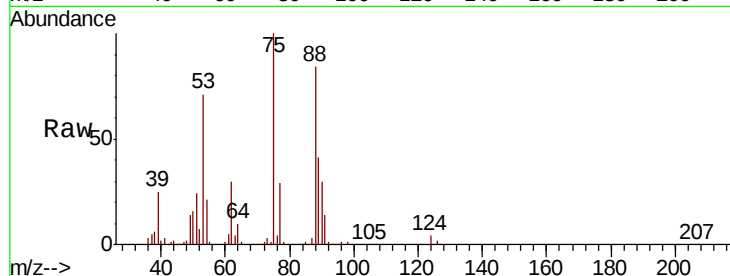
Tot Ion: 75 Resp: 35240

Ion Ratio Lower Upper

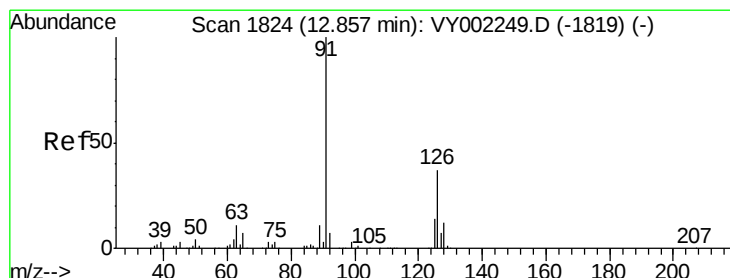
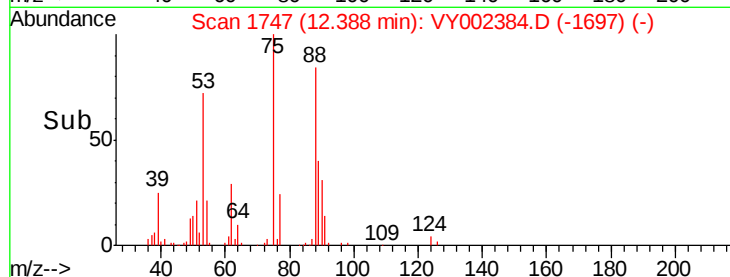
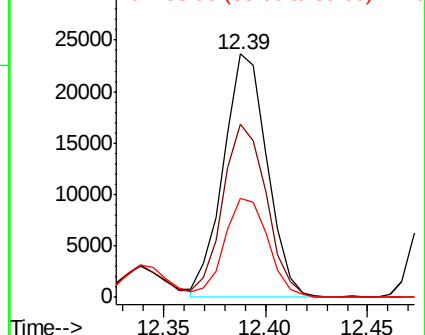
75 100

53 70.4 59.8 89.8

89 40.5 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.080 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002384.D

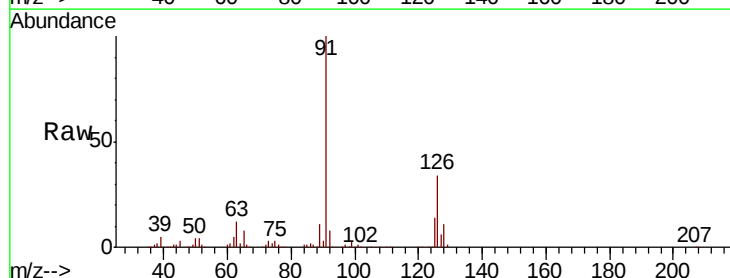
Acq: 16 Apr 2020 21:34

Tgt Ion: 91 Resp: 300567

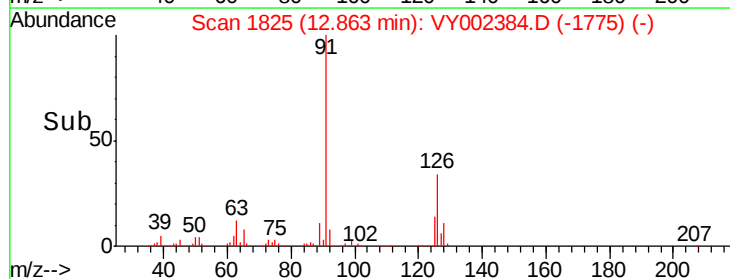
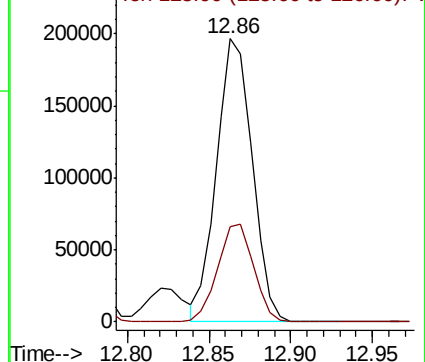
Ion Ratio Lower Upper

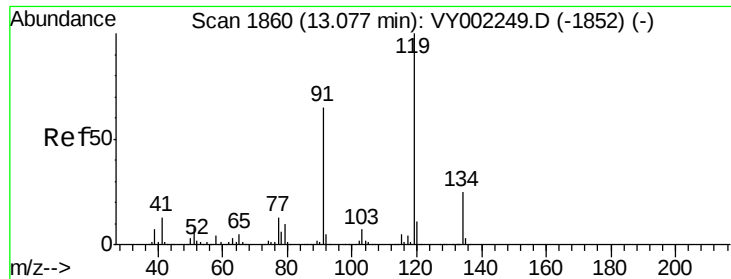
91 100

126 34.8 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

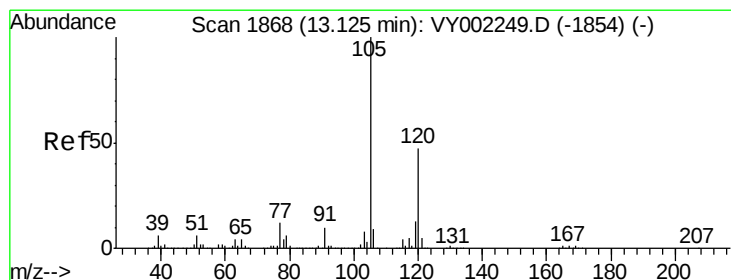
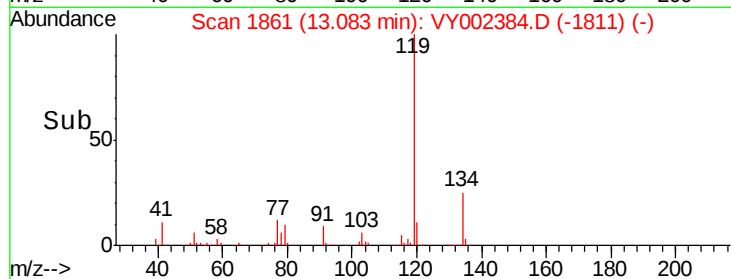
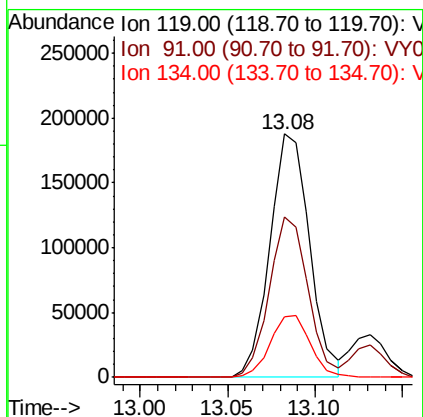
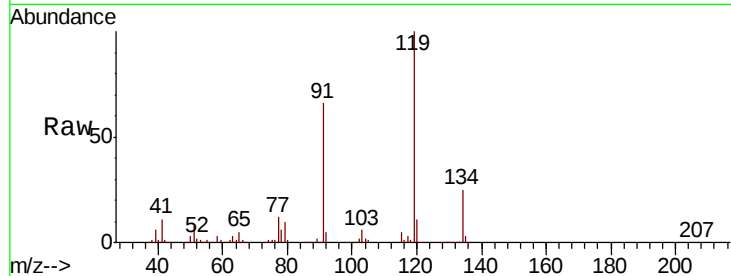




#83
 tert-Butylbenzene
 Concen: 48.616 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

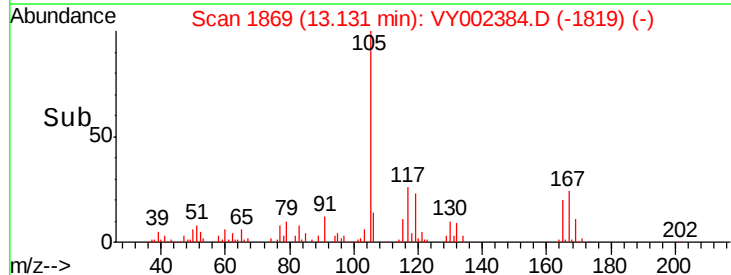
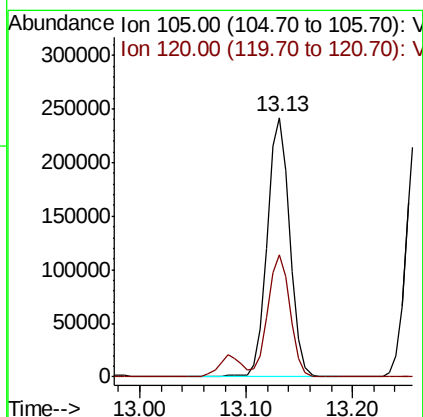
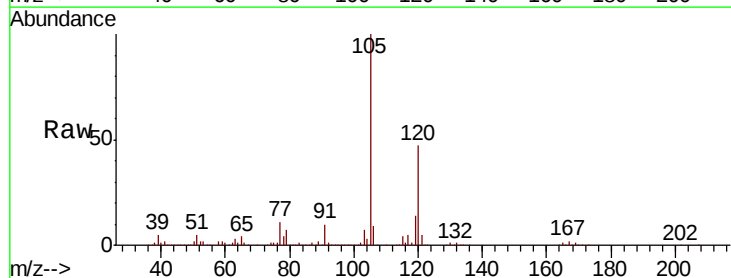
Instrument :
 MSVOA_Y
 ClientSampleId :

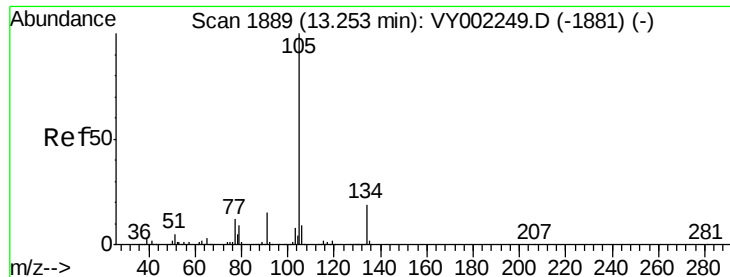
Tot Ion:119 Resp: 297200
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.4 97.0
 134 25.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.140 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:105 Resp: 358124
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2

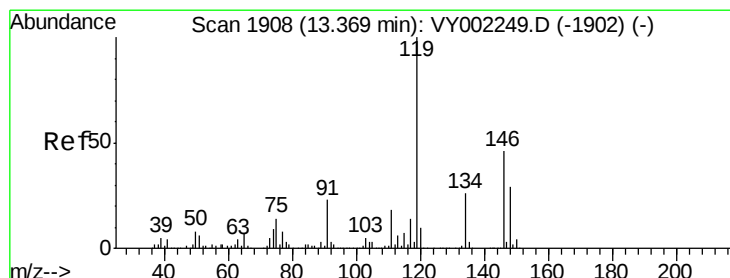
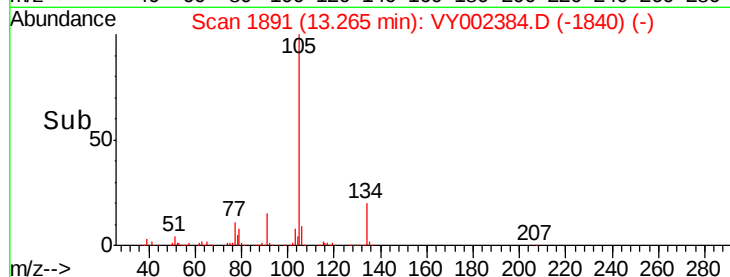
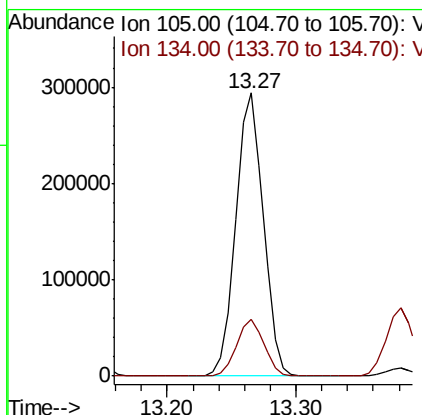
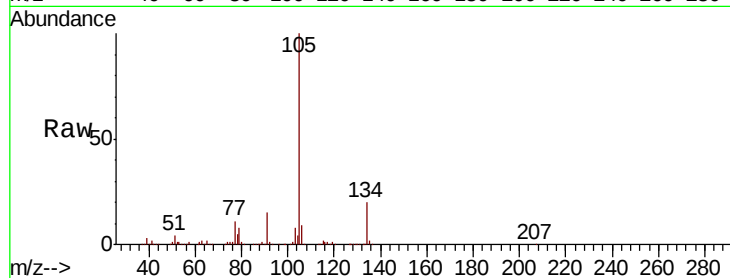




#85
 sec-Butylbenzene
 Concen: 47.835 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

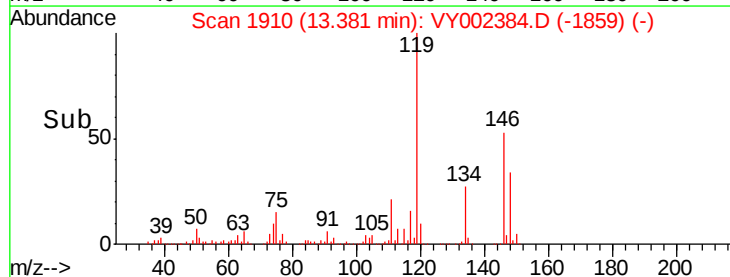
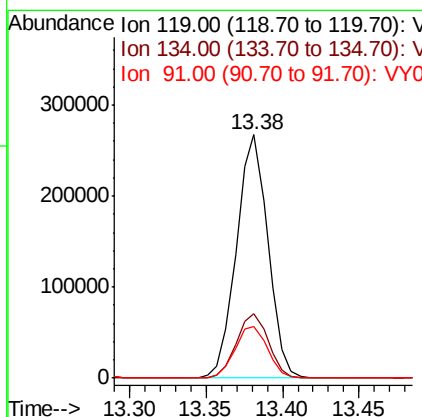
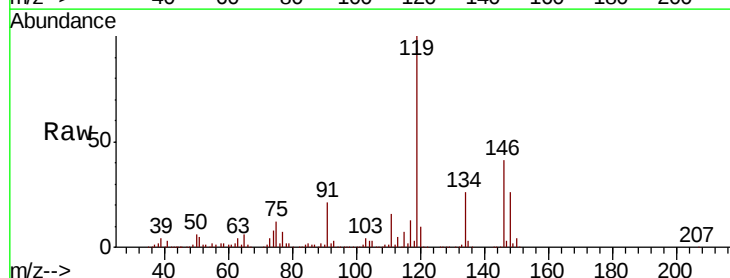
Instrument :
 MSVOA_Y
 ClientSampleId :

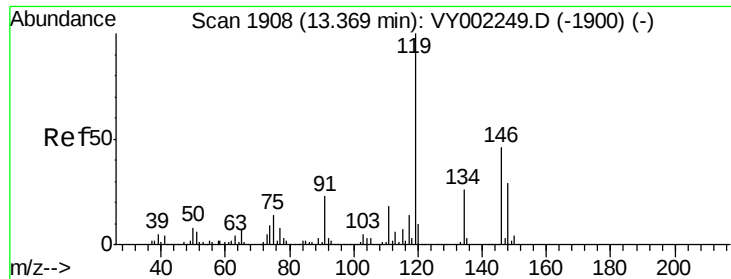
Tot Ion:105 Resp: 435620
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.595 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:119 Resp: 380875
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.2 11.5 34.4

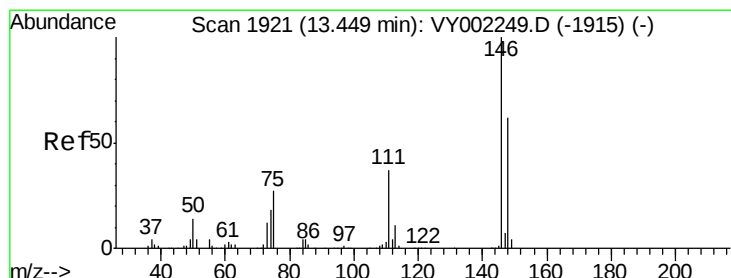
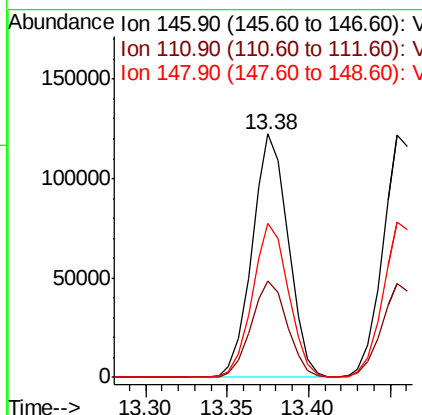
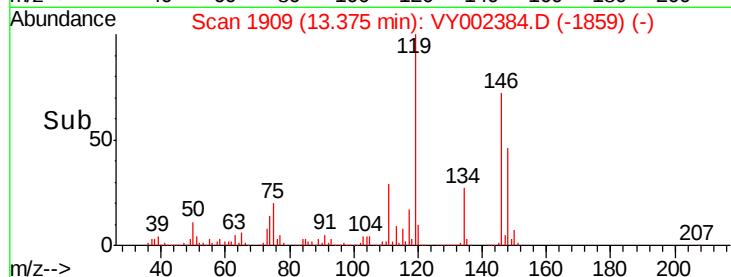
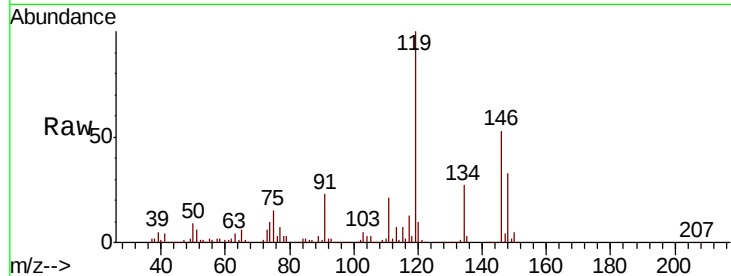




#87
 1,3-Dichlorobenzene
 Concen: 50.111 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

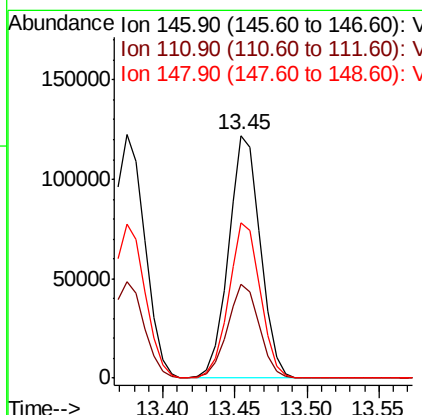
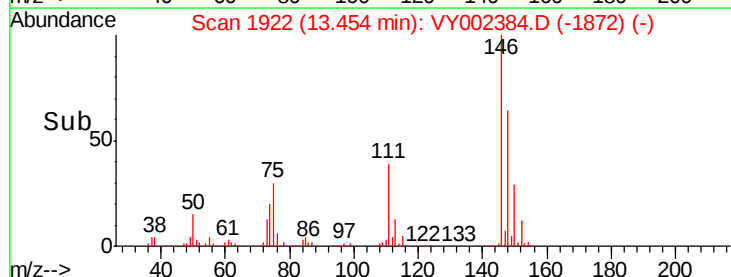
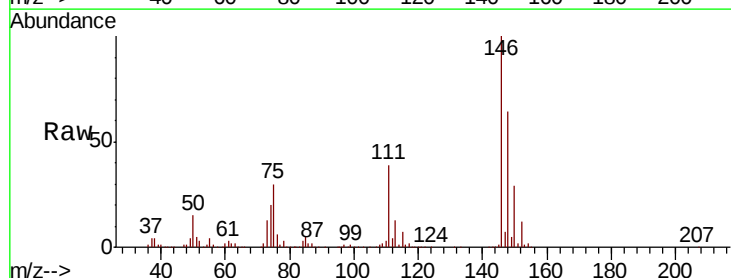
Instrument :
 MSVOA_Y
 ClientSampleId :

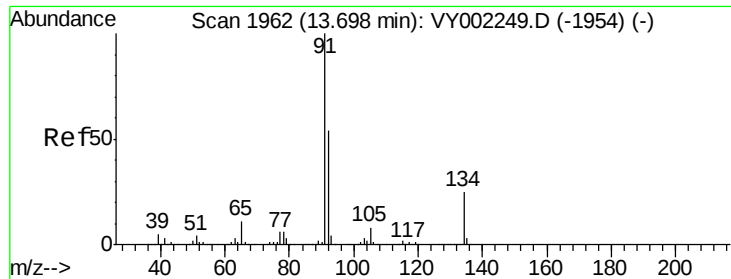
Tot Ion:146 Resp: 188552
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 60.8
 148 63.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.200 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:146 Resp: 187915
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.8
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 46.871 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

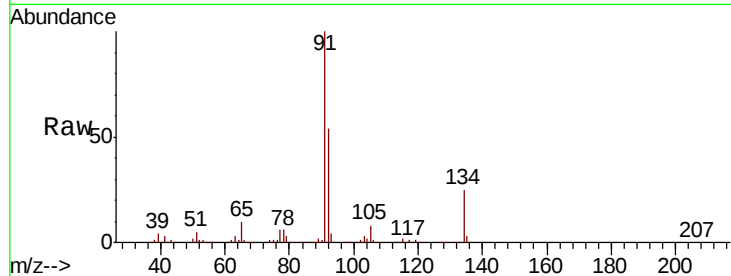
Tot Ion: 91 Resp: 376559

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.6

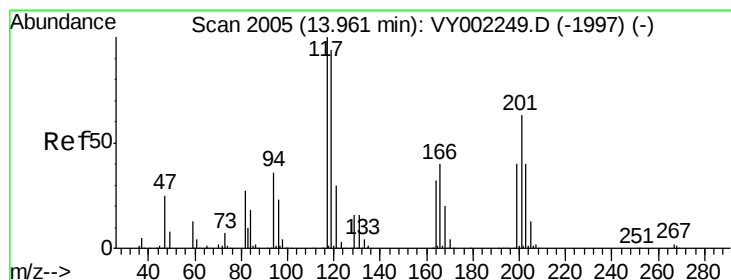
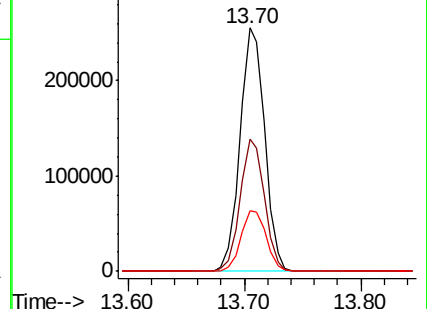
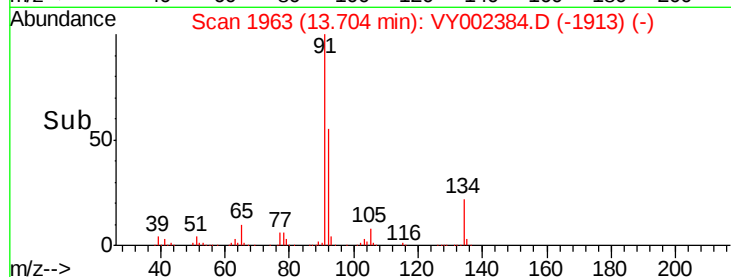
134 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY002249.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY002249.D (-1954) (-)



#90

Hexachloroethane

Concen: 49.282 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002384.D

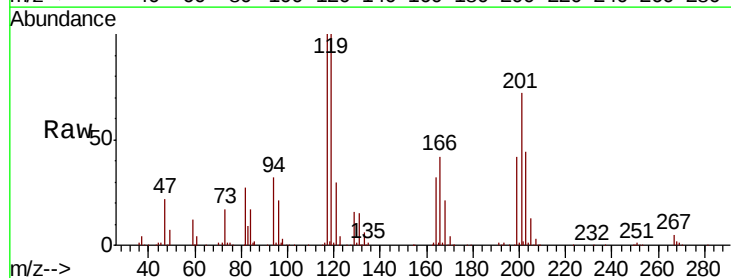
Acq: 16 Apr 2020 21:34

Tgt Ion: 117 Resp: 73606

Ion Ratio Lower Upper

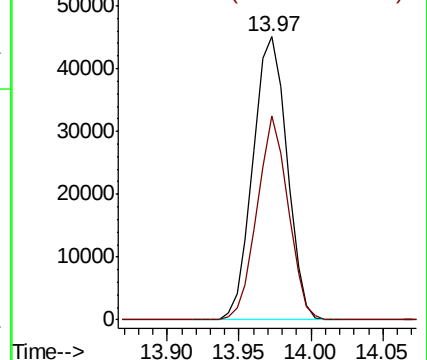
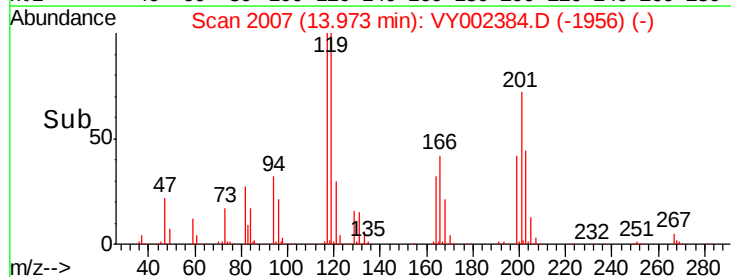
117 100

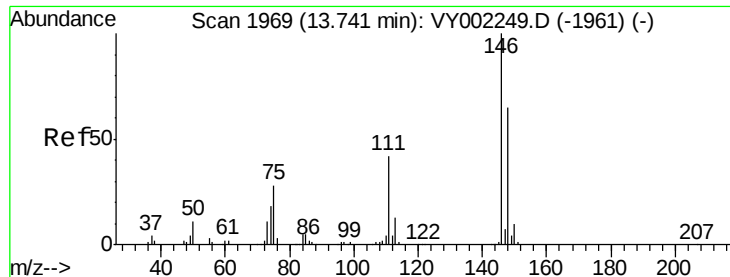
201 65.7 33.1 99.2



Abundance Ion 116.80 (116.50 to 117.50): VY002249.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY002249.D (-1997) (-)

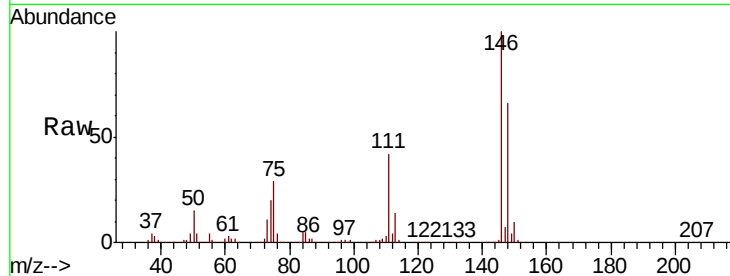




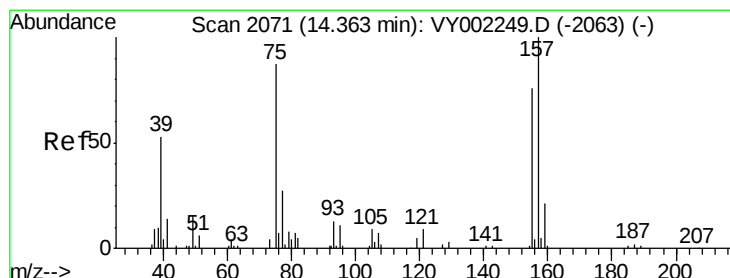
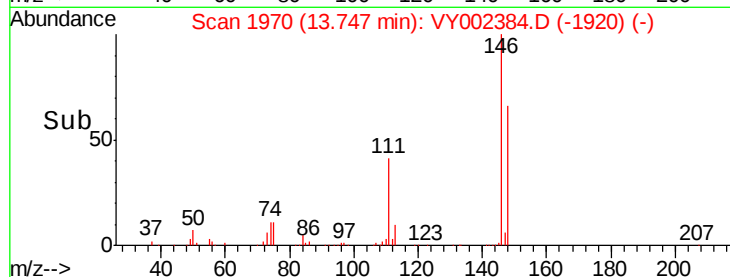
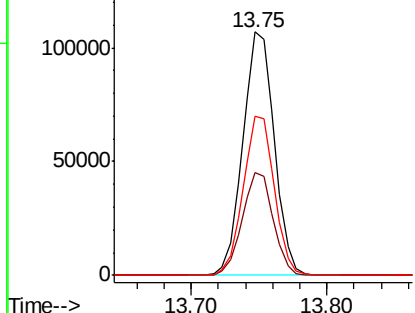
#91
 1,2-Dichlorobenzene
 Concen: 50.604 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	64.6	31.9	95.9

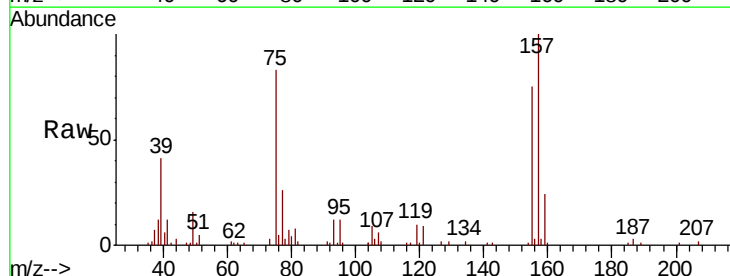


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

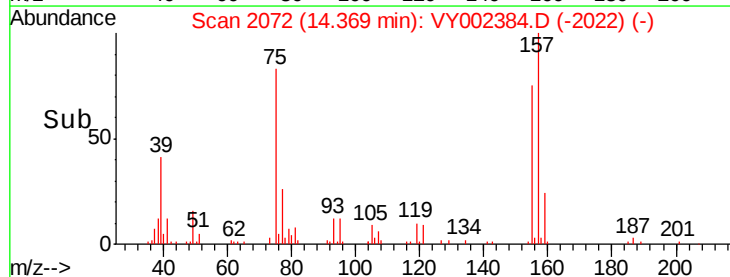
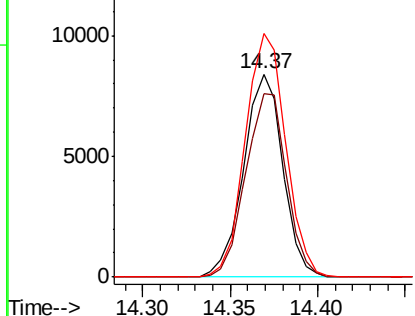


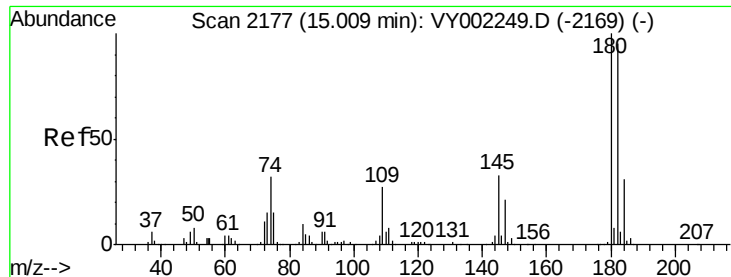
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.790 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	43.6	130.8
157	123.3	56.0	168.2



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

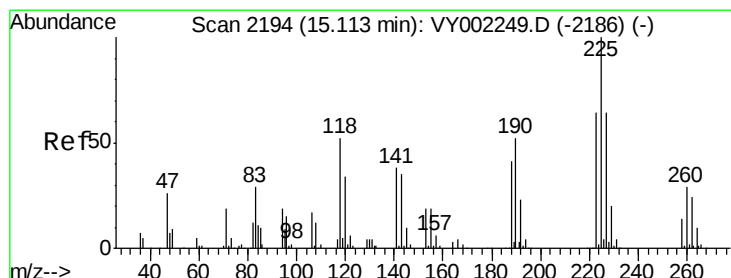
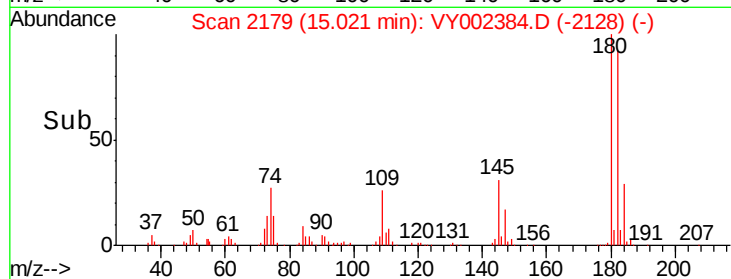
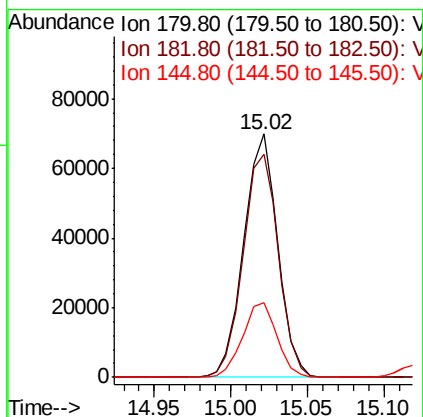
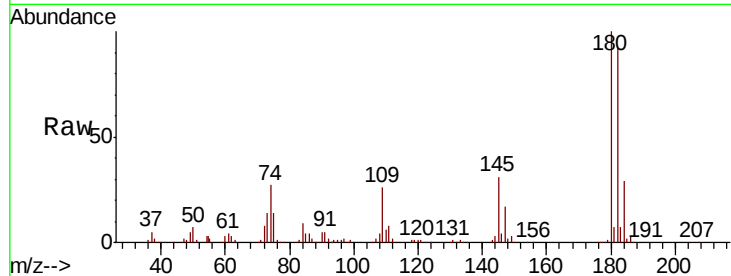




#93
 1,2,4-Trichlorobenzene
 Concen: 48.225 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

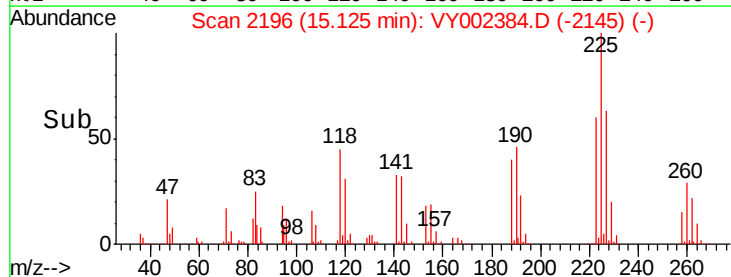
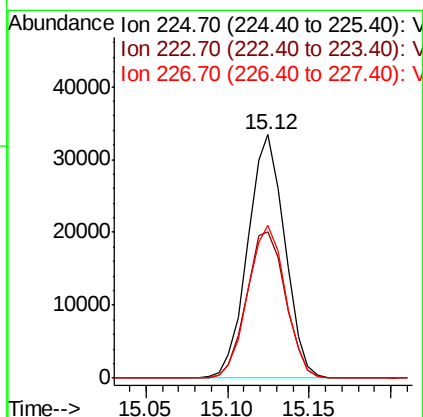
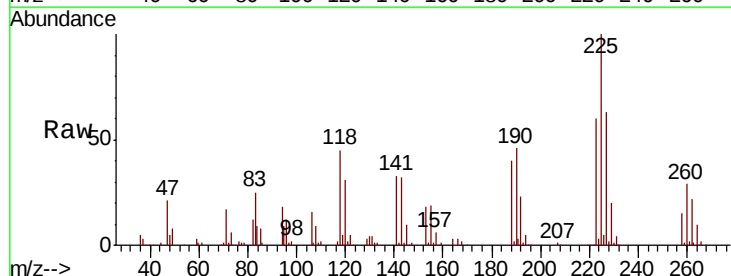
Instrument :
 MSVOA_Y
 ClientSampleId :

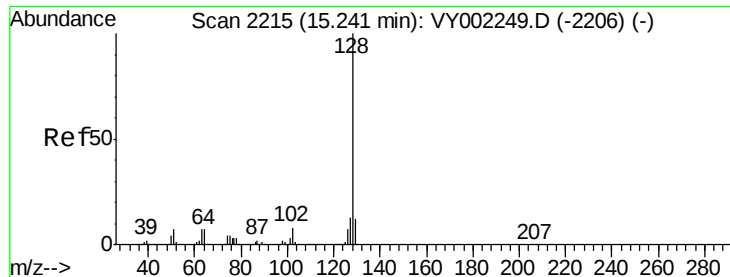
Tot Ion:180 Resp: 107771
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 31.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 46.956 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion:225 Resp: 52852
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.0 93.0
 227 63.5 31.3 93.9

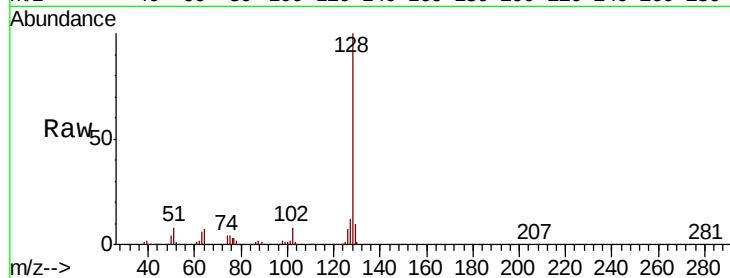




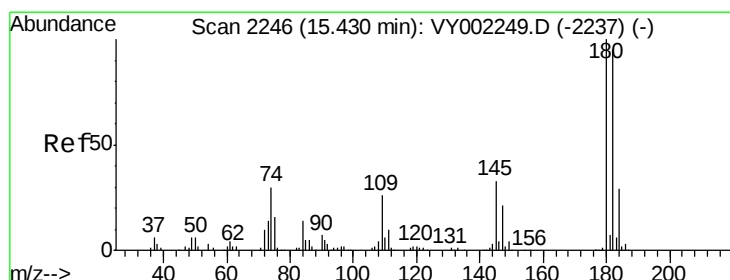
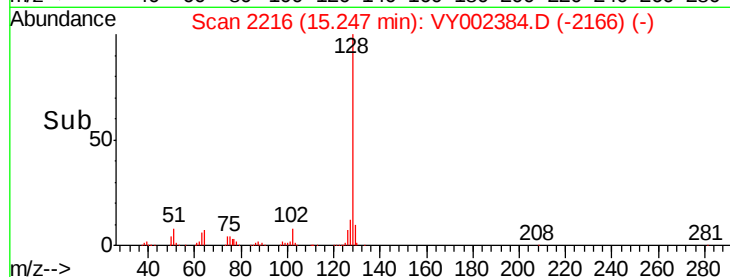
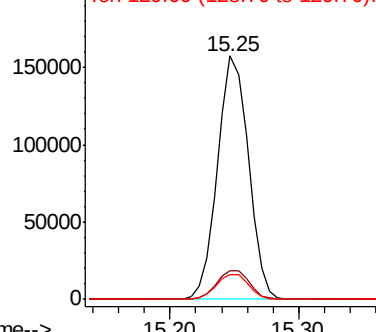
#95
Naphthalene
Concen: 53.365 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 261121
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.7 8.7 13.1

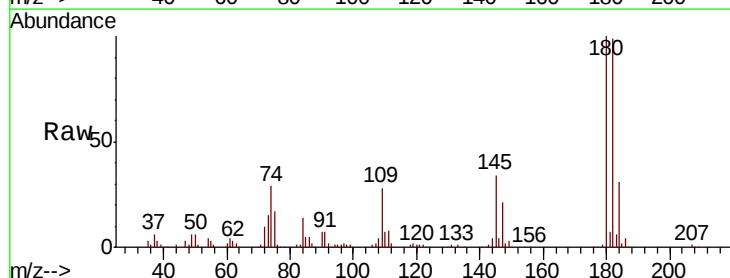


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.570 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion:180 Resp: 94250
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.3
145 33.4 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

