

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002386.D
 Acq On : 17 Apr 2020 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:32:03 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	168932	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	296872	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	265252	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	117323	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	80469	42.83	ug/l	0.01
Spiked Amount			Recovery	=	85.66%	
35) Dibromofluoromethane	7.74	113	89355	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	10.20	98	370493	50.11	ug/l	0.01
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.50	95	121093	49.64	ug/l	0.01
Spiked Amount			Recovery	=	99.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	90572	53.049	ug/l	97
3) Chloromethane	2.13	50	109571	50.992	ug/l	99
4) Vinyl Chloride	2.27	62	120285	52.592	ug/l	98
5) Bromomethane	2.66	94	71368	50.531	ug/l	93
6) Chloroethane	2.81	64	68321	51.797	ug/l	98
7) Trichlorofluoromethane	3.15	101	153808	52.074	ug/l	96
8) Diethyl Ether	3.55	74	68650	54.672	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.93	101	109836	54.744	ug/l	98
10) Methyl Iodide	4.12	142	134133	57.514	ug/l	96
11) Tert butyl alcohol	4.99	59	53423	269.571	ug/l	98
12) 1,1-Dichloroethene	3.90	96	114252	56.011	ug/l	88
13) Acrolein	3.75	56	52926	218.497	ug/l	100
14) Allyl chloride	4.51	41	146024	44.331	ug/l #	93
15) Acrylonitrile	5.20	53	163425	254.507	ug/l	98
16) Acetone	3.97	43	150832	304.833	ug/l #	88
17) Carbon Disulfide	4.22	76	357250	52.735	ug/l	97
18) Methyl Acetate	4.51	43	70704	46.068	ug/l	93
19) Methyl tert-butyl Ether	5.25	73	275306	51.338	ug/l	98
20) Methylene Chloride	4.75	84	125788	51.722	ug/l	91
21) trans-1,2-Dichloroethene	5.25	96	124108	54.206	ug/l	94
22) Diisopropyl ether	6.15	45	300558	45.341	ug/l	96
23) Vinyl Acetate	6.09	43	960756	227.434	ug/l #	93
24) 1,1-Dichloroethane	6.05	63	189524	50.265	ug/l	99
25) 2-Butanone	7.02	43	199032	254.176	ug/l	94
26) 2,2-Dichloropropane	7.02	77	155766	49.387	ug/l	96
27) cis-1,2-Dichloroethene	7.02	96	133904	53.651	ug/l	91
28) Bromochloromethane	7.36	49	70103	43.071	ug/l #	82
29) Tetrahydrofuran	7.37	42	116693	225.444	ug/l	89
30) Chloroform	7.53	83	183768	51.704	ug/l	99
31) Cyclohexane	7.81	56	182405	46.088	ug/l	88
32) 1,1,1-Trichloroethane	7.73	97	154473	52.217	ug/l	97
36) 1,1-Dichloropropene	7.94	75	153148	52.374	ug/l	98
37) Ethyl Acetate	7.10	43	77865	46.612	ug/l	95
38) Carbon Tetrachloride	7.92	117	134627	53.824	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	211479	53.166	ug/l	93
40) Benzene	8.19	78	479310	54.026	ug/l	99
41) Methacrylonitrile	7.36	41	100332	101.813	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	105174	47.857	ug/l	96
43) Isopropyl Acetate	8.29	43	139714	45.858	ug/l #	92
44) Trichloroethene	8.96	130	142243	54.533	ug/l	92
45) 1,2-Dichloropropane	9.24	63	112481	51.098	ug/l	98
46) Dibromomethane	9.33	93	61611	53.531	ug/l	96
47) Bromodichloromethane	9.52	83	139542	52.839	ug/l	99
48) Methyl methacrylate	9.31	41	62992	46.111	ug/l	88
49) 1,4-Dioxane	9.32	88	18330	1125.865	ug/l	91
51) 4-Methyl-2-Pentanone	10.09	43	371565	234.050	ug/l	94
52) Toluene	10.26	92	292312	54.672	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	152553	53.018	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	184289	53.274	ug/l	93
55) 1,1,2-Trichloroethane	10.66	97	93656	55.581	ug/l	95
56) Ethyl methacrylate	10.53	69	129120	53.689	ug/l	88
57) 1,3-Dichloropropane	10.81	76	157548	53.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	314026	252.147	ug/l	96
59) 2-Hexanone	10.85	43	274445	249.088	ug/l	91
60) Dibromochloromethane	11.00	129	101210	56.329	ug/l	99
61) 1,2-Dibromoethane	11.11	107	88738	55.317	ug/l	100
64) Tetrachloroethene	10.74	164	148875	55.514	ug/l	98
65) Chlorobenzene	11.53	112	304902	55.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	101575	55.797	ug/l	98
67) Ethyl Benzene	11.61	91	548430	54.332	ug/l	100
68) m/p-Xylenes	11.72	106	418173	110.608	ug/l	95
69) o-Xylene	12.05	106	195821	55.170	ug/l	95
70) Styrene	12.06	104	342787	55.665	ug/l	97
71) Bromoform	12.22	173	57693	58.277	ug/l #	99
73) Isopropylbenzene	12.34	105	517586	56.155	ug/l	98
74) N-amyl acetate	12.16	43	127294	48.653	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.60	83	70038	62.806	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	132994	97.619	ug/l #	100
77) Bromobenzene	12.63	156	116042	57.225	ug/l	94
78) n-propylbenzene	12.69	91	628460	54.824	ug/l	98
79) 2-Chlorotoluene	12.77	91	338782	54.382	ug/l	97
80) 1,3,5-Trimethylbenzene	12.83	105	422872	55.475	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39446	56.315	ug/l	94
82) 4-Chlorotoluene	12.87	91	345092	52.852	ug/l	96
83) tert-Butylbenzene	13.09	119	358171	56.096	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	418068	54.923	ug/l	98
85) sec-Butylbenzene	13.27	105	525733	55.273	ug/l	99
86) p-Isopropyltoluene	13.39	119	454893	55.567	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	218853	55.688	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	219478	55.017	ug/l	99
89) n-Butylbenzene	13.71	91	451551	53.813	ug/l	99
90) Hexachloroethane	13.98	117	87151	55.867	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	199432	55.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13833	51.290	ug/l	86

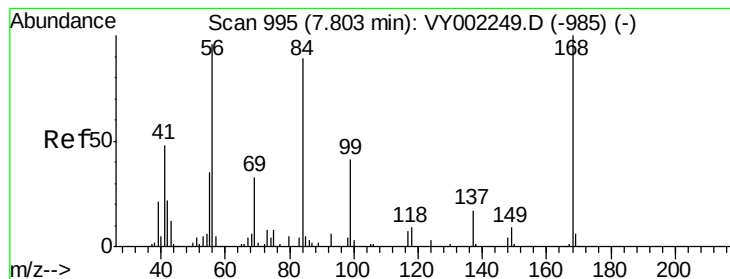
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	126363	54.137	ug/l	99
94) Hexachlorobutadiene	15.13	225	62494	53.158	ug/l	97
95) Naphthalene	15.25	128	285803	55.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	108489	53.528	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: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

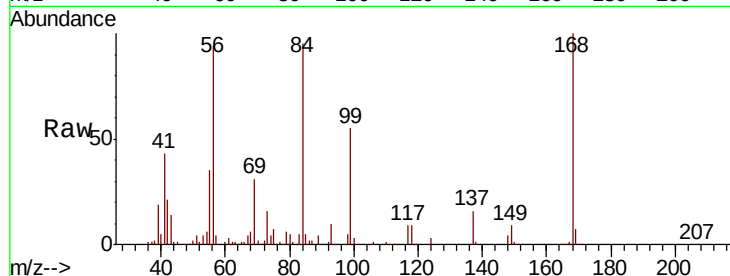
ClientSampleId :

Tot Ion:168 Resp: 168932

Ion Ratio Lower Upper

168 100

99 55.4 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) (-)

7.82

80000

60000

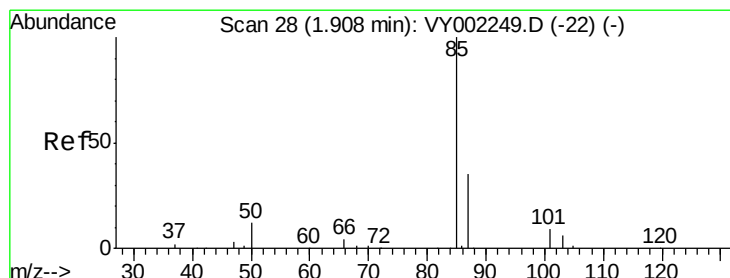
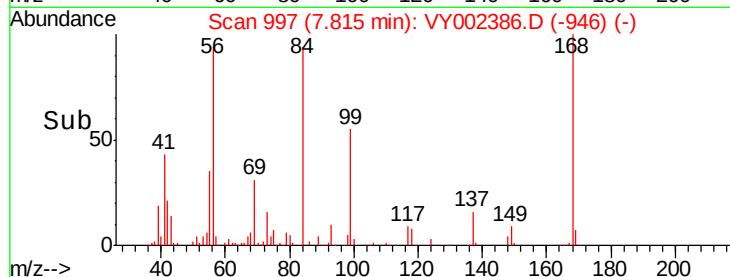
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.049 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002386.D

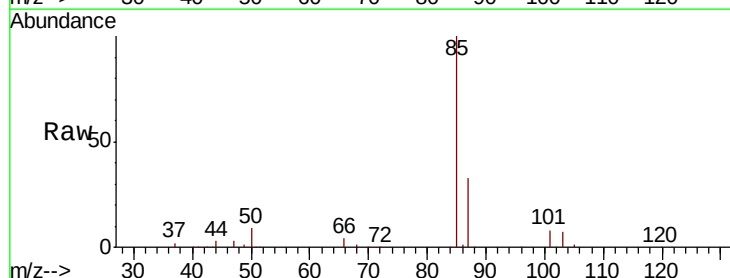
Acq: 17 Apr 2020 10:08

Tgt Ion: 85 Resp: 90572

Ion Ratio Lower Upper

85 100

87 32.8 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) (-)

1.91

60000

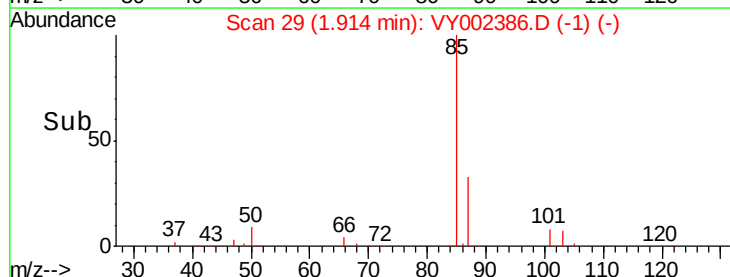
40000

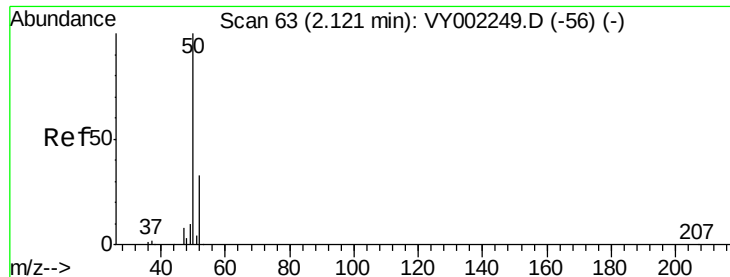
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 50.992 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

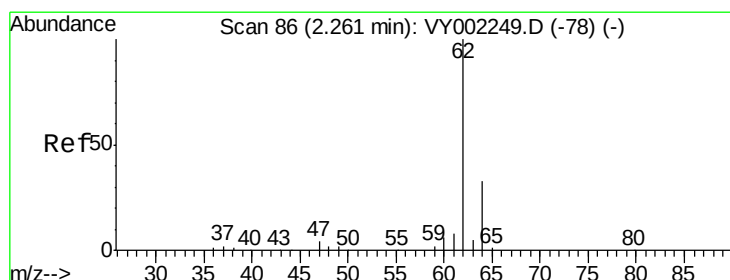
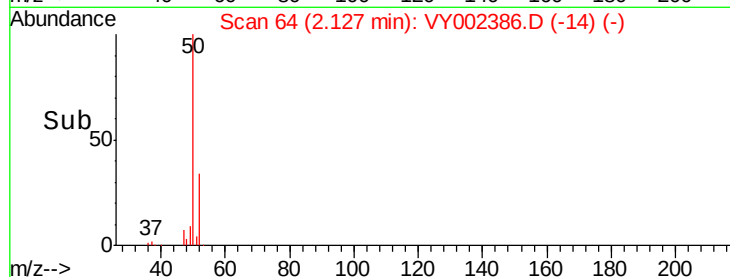
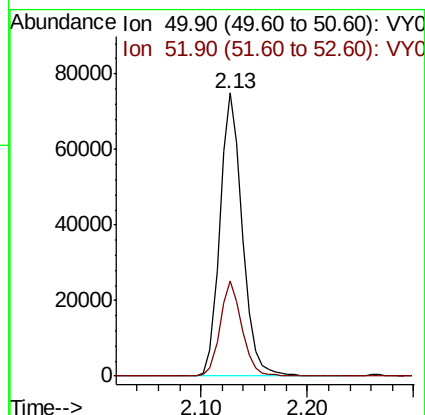
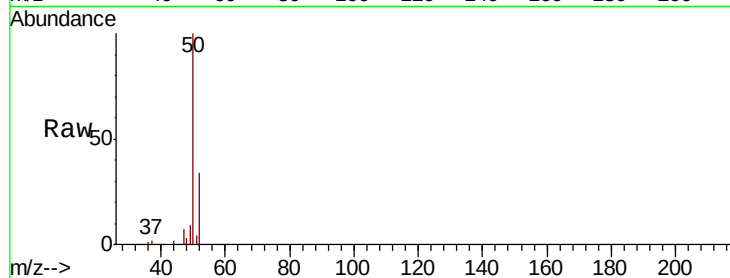
ClientSampleId :

Tot Ion: 50 Resp: 109571

Ion Ratio Lower Upper

50 100

52 33.7 26.6 39.8



#4

Vinyl Chloride

Concen: 52.592 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002386.D

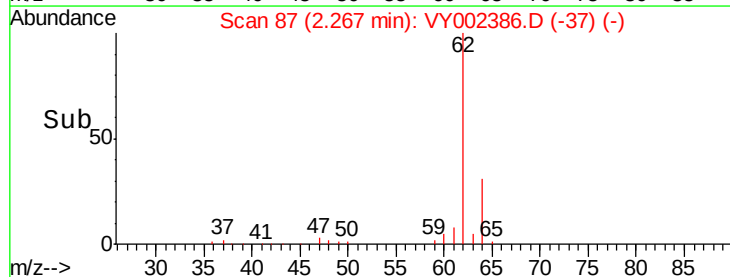
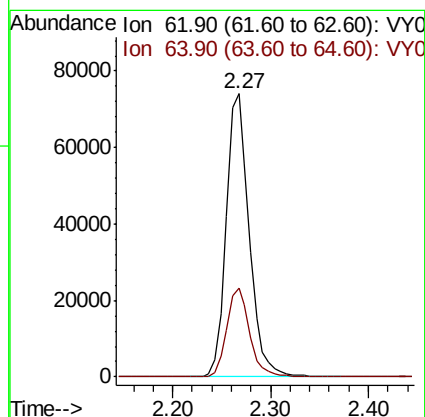
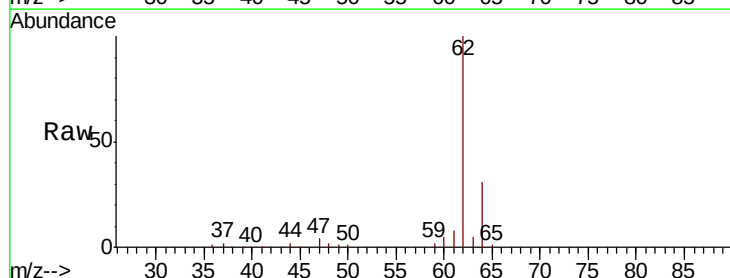
Acq: 17 Apr 2020 10:08

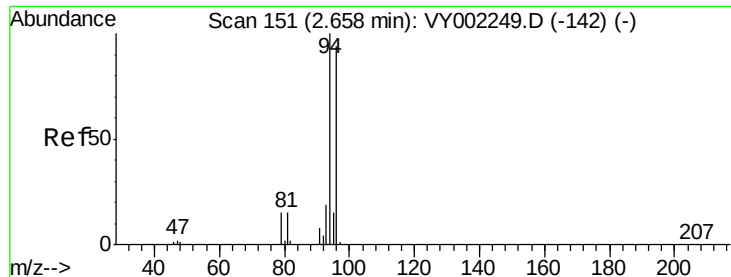
Tgt Ion: 62 Resp: 120285

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.2





#5

Bromomethane

Concen: 50.531 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

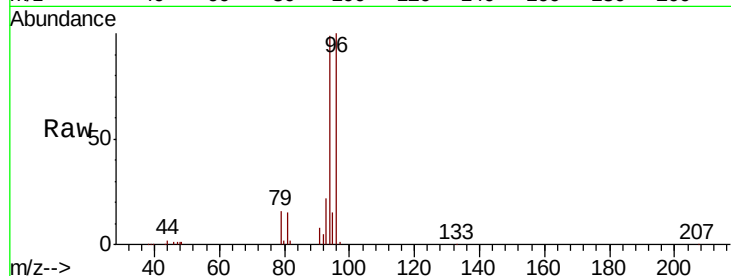
ClientSampled :

Tot Ion: 94 Resp: 71368

Ion Ratio Lower Upper

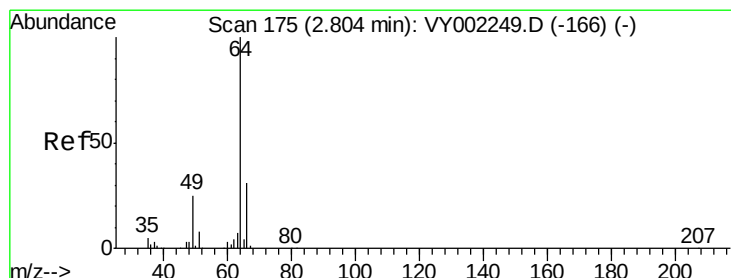
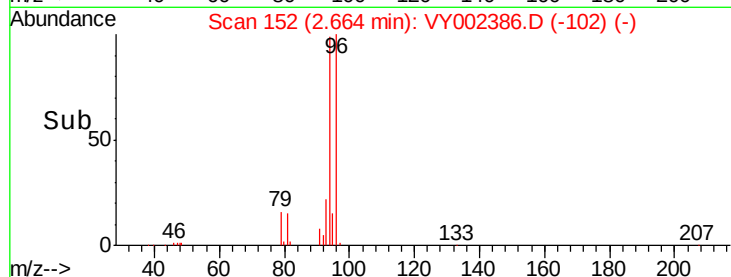
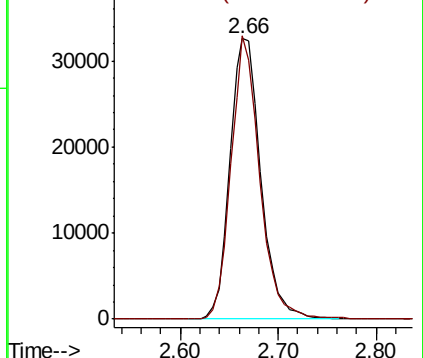
94 100

96 100.9 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: 51.797 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002386.D

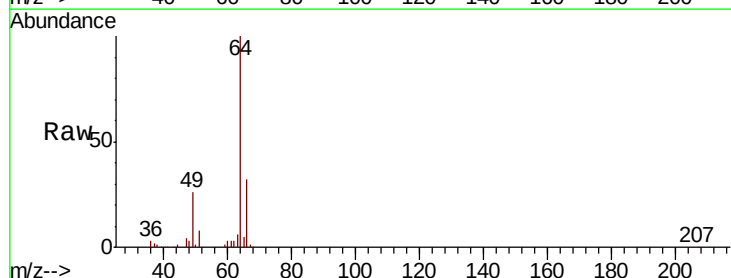
Acq: 17 Apr 2020 10:08

Tgt Ion: 64 Resp: 68321

Ion Ratio Lower Upper

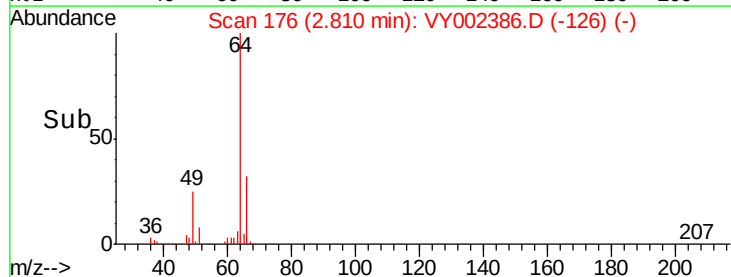
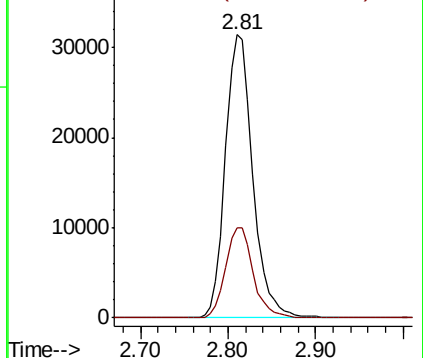
64 100

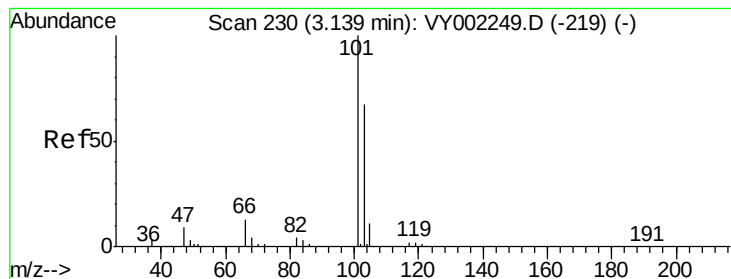
66 32.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



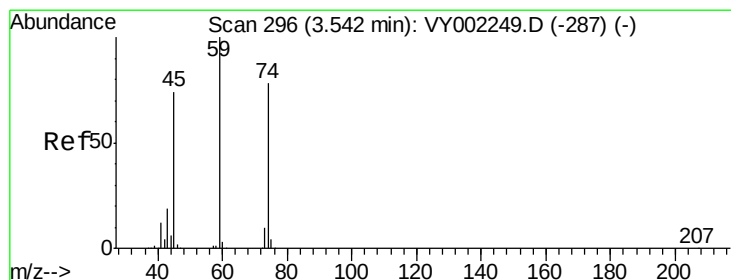
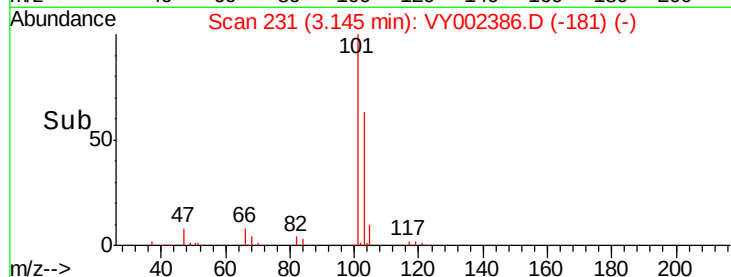
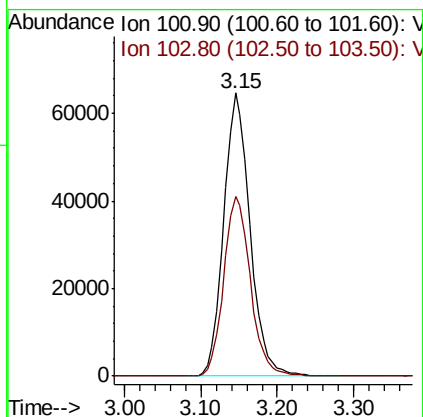
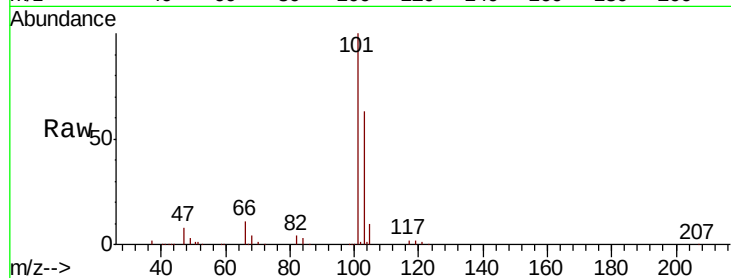


#7

Trichlorofluoromethane
Concen: 52.074 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampled :

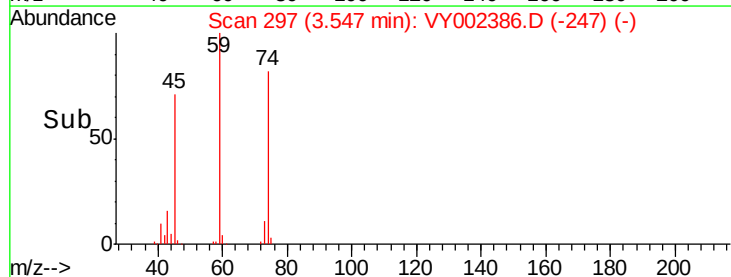
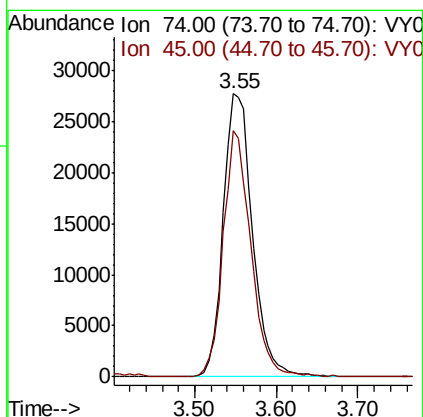
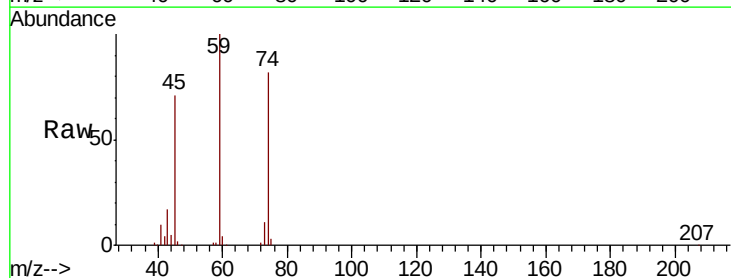
Tot Ion:101 Resp: 153808
Ion Ratio Lower Upper
101 100
103 63.4 53.3 79.9

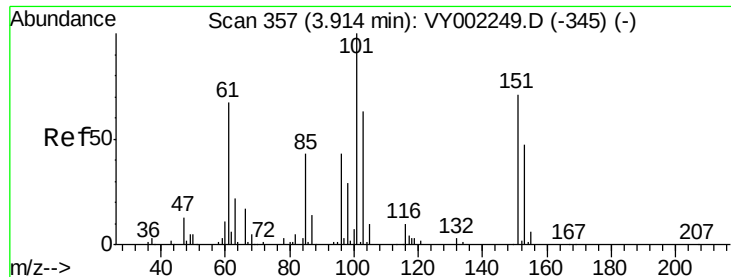


#8

Diethyl Ether
Concen: 54.672 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 74 Resp: 68650
Ion Ratio Lower Upper
74 100
45 82.6 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.744 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

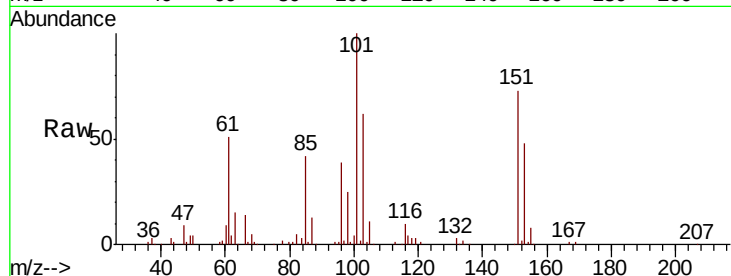
Tot Ion:101 Resp: 109836

Ion Ratio Lower Upper

101 100

85 40.4 34.6 52.0

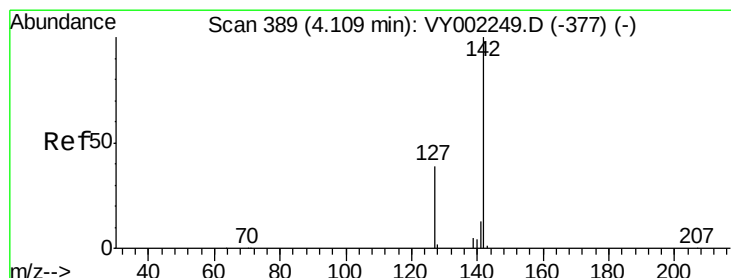
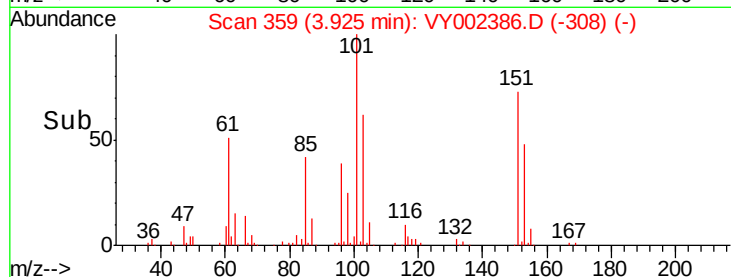
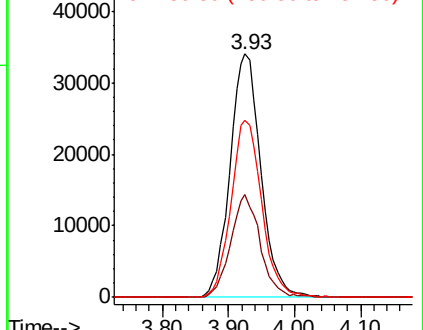
151 72.8 57.6 86.4



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: 57.514 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

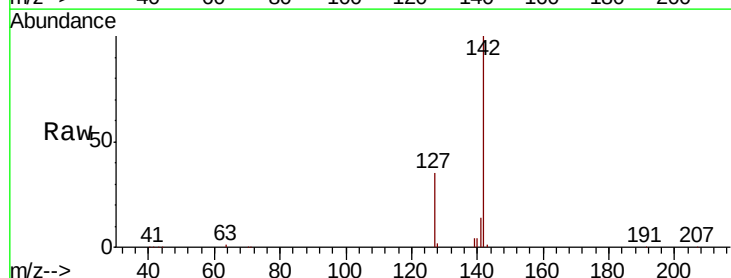
Tgt Ion:142 Resp: 134133

Ion Ratio Lower Upper

142 100

127 37.4 32.4 48.6

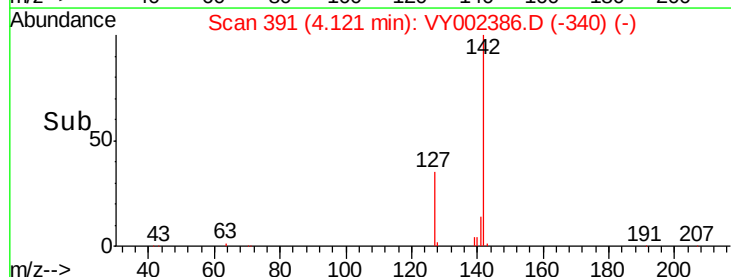
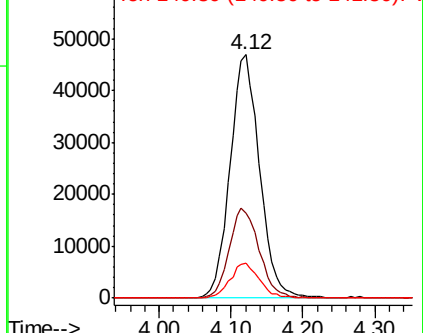
141 14.0 11.2 16.8

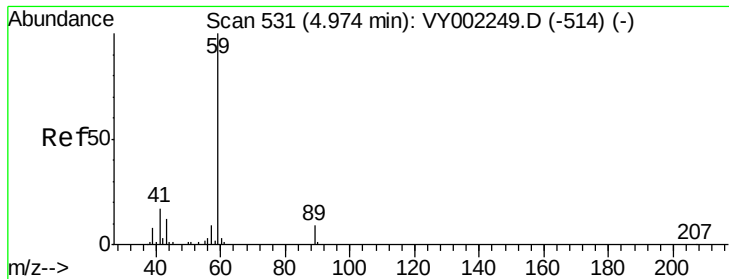


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



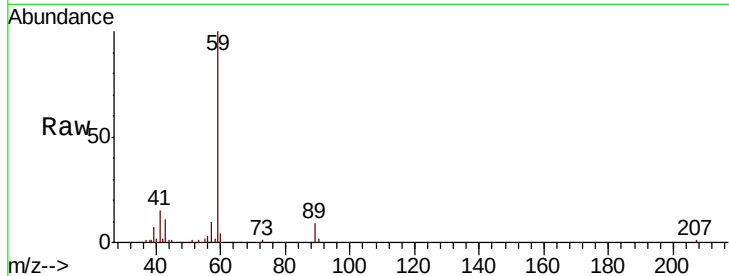


#11

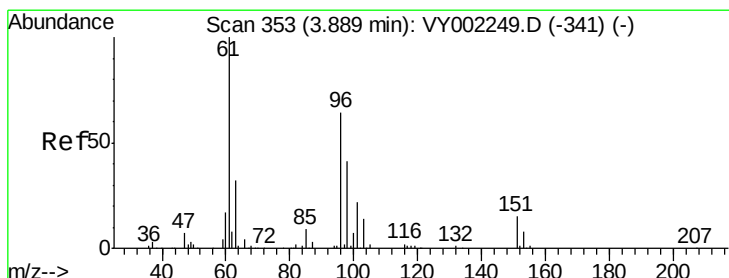
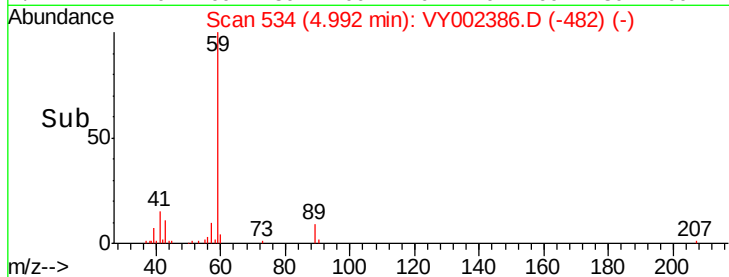
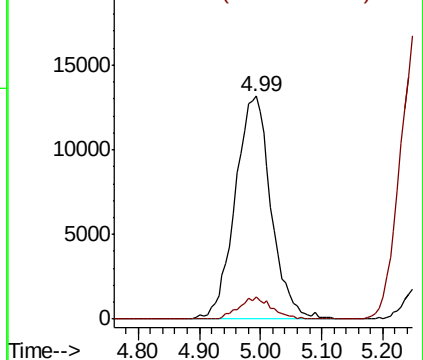
Tert butyl alcohol
Concen: 269.571 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 53423
Ion Ratio Lower Upper
59 100
57 8.8 6.6 9.8



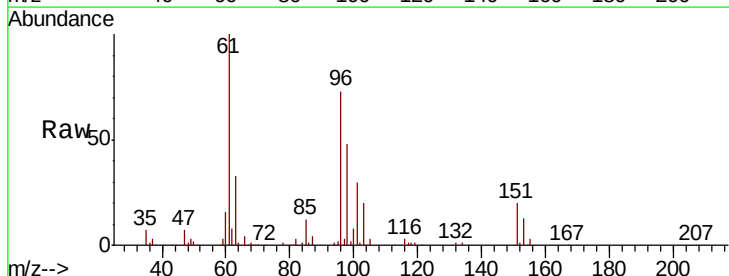
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



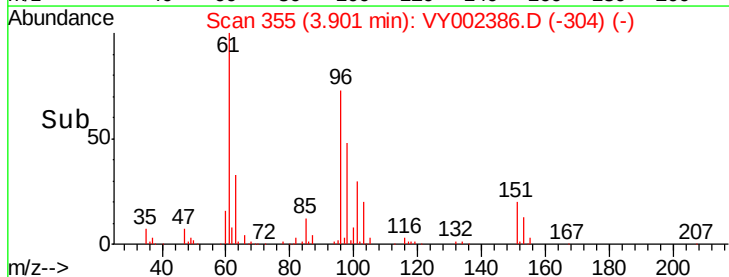
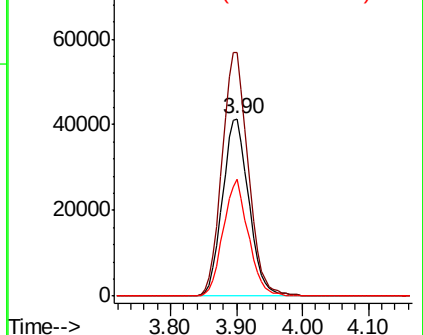
#12

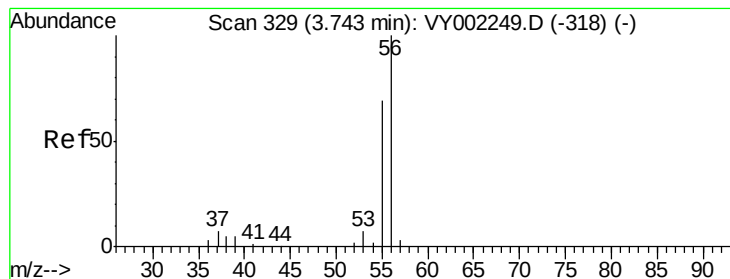
1,1-Dichloroethene
Concen: 56.011 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 96 Resp: 114252
Ion Ratio Lower Upper
96 100
61 137.3 125.9 188.9
98 65.8 51.1 76.7



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





#13

Acrolein

Concen: 218.497 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

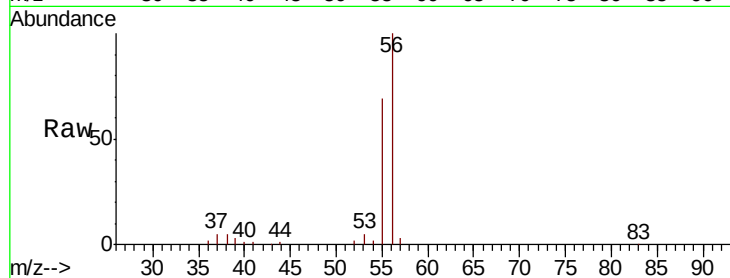
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 52926

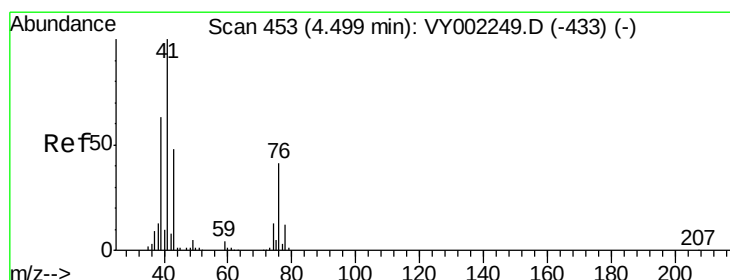
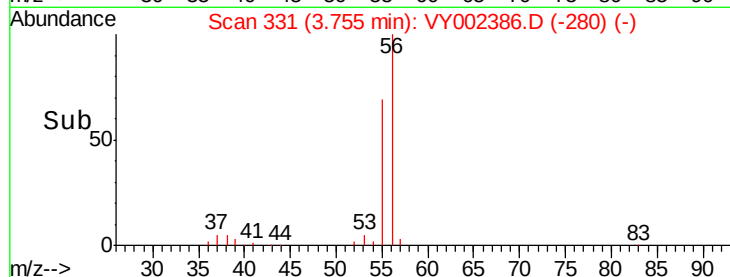
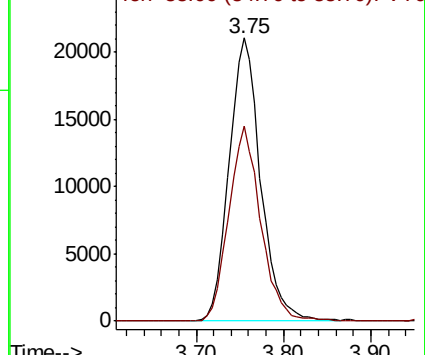
Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 44.331 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

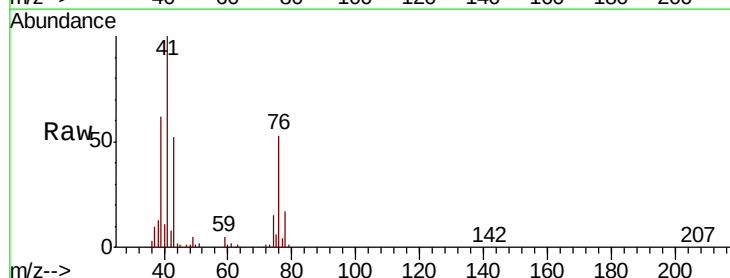
Tgt Ion: 41 Resp: 146024

Ion Ratio Lower Upper

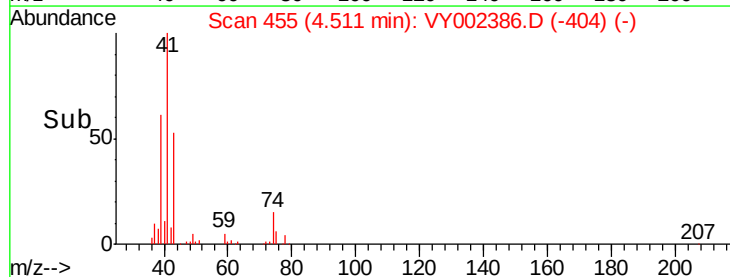
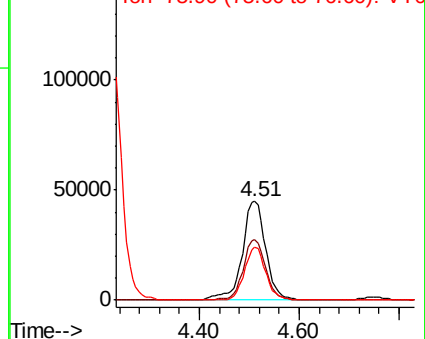
41 100

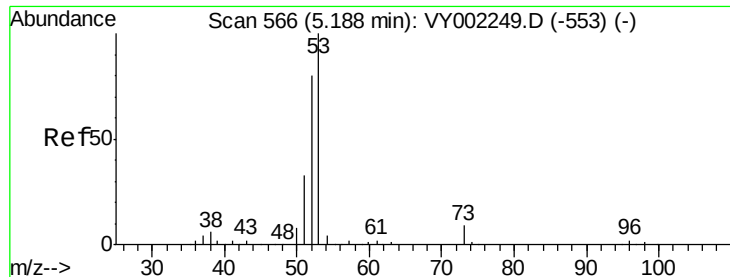
39 58.9 48.0 72.0

76 48.7 31.0 46.6#



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 254.507 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

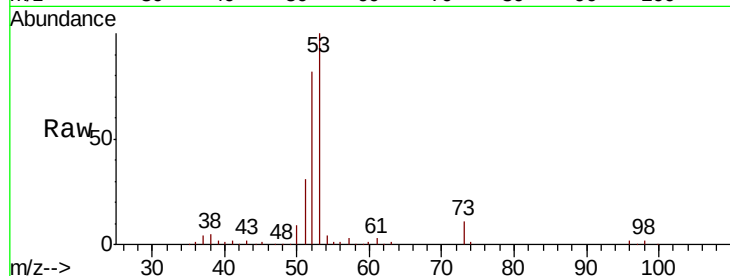
Tot Ion: 53 Resp: 163425

Ion Ratio Lower Upper

53 100

52 79.4 65.1 97.7

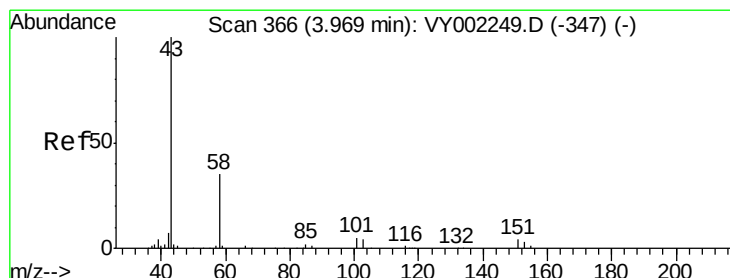
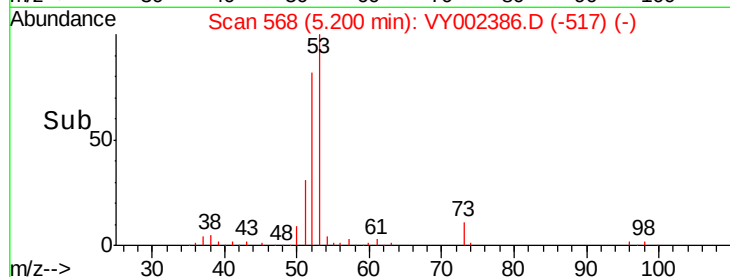
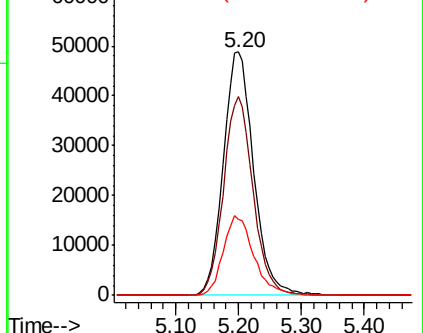
51 33.1 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)

Ion 52.00 (51.70 to 52.70): VY002249.D (-553) (-)

Ion 51.00 (50.70 to 51.70): VY002249.D (-553) (-)



#16

Acetone

Concen: 304.833 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002386.D

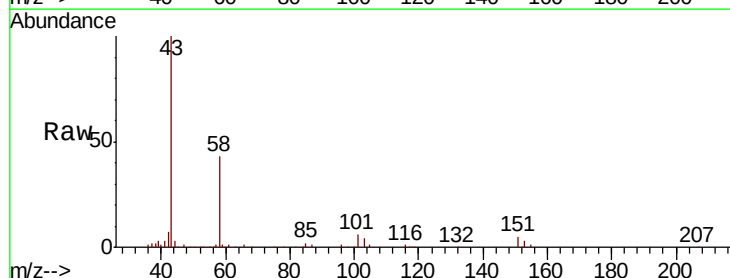
Acq: 17 Apr 2020 10:08

Tgt Ion: 43 Resp: 150832

Ion Ratio Lower Upper

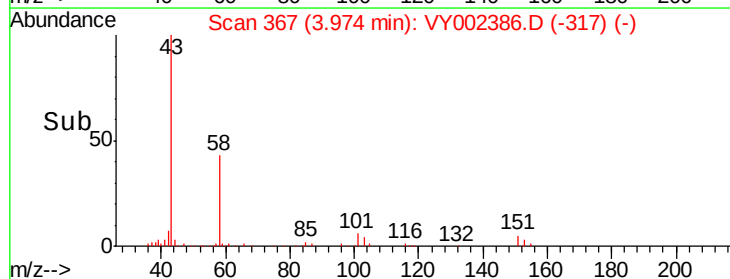
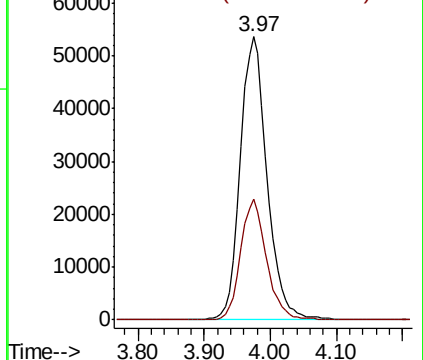
43 100

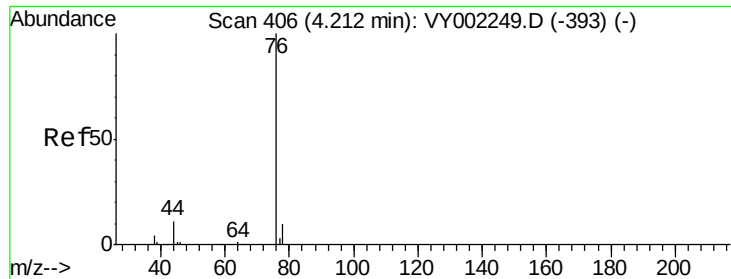
58 42.9 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

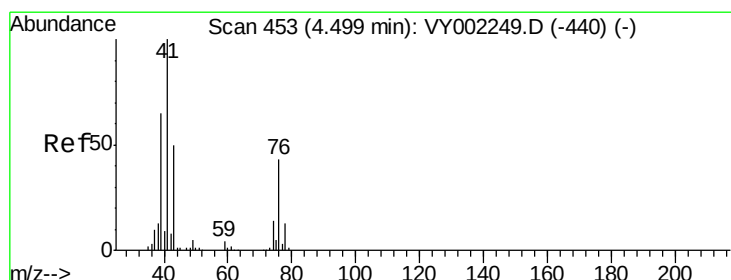
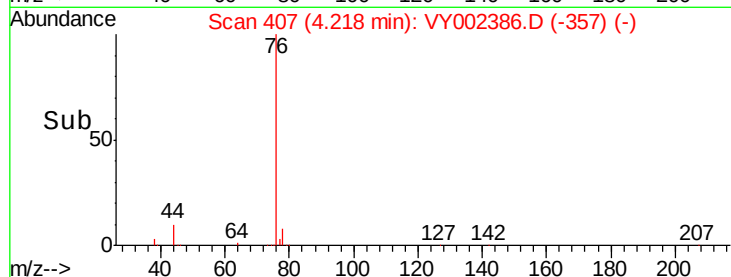
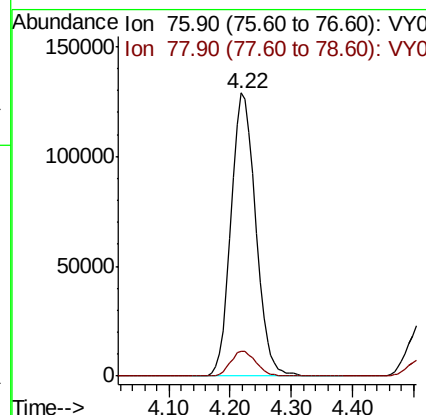
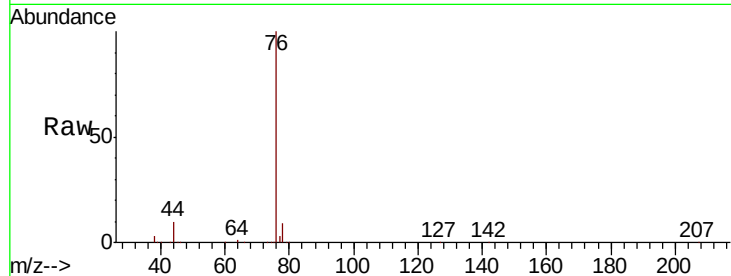




#17
Carbon Disulfide
Concen: 52.735 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

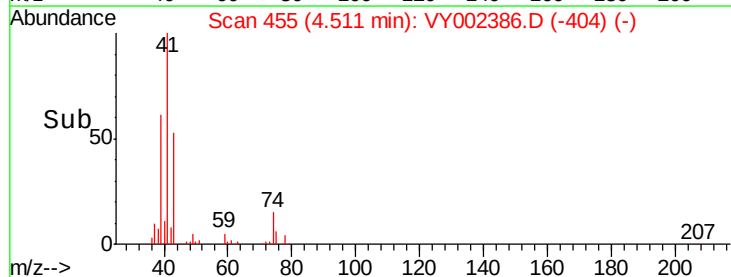
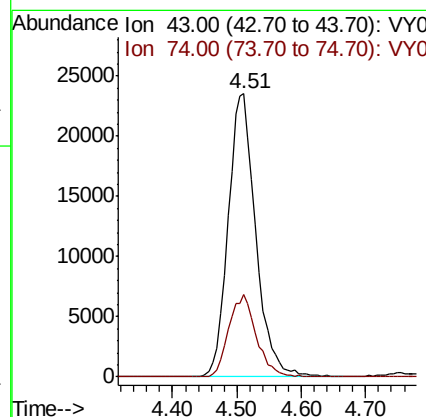
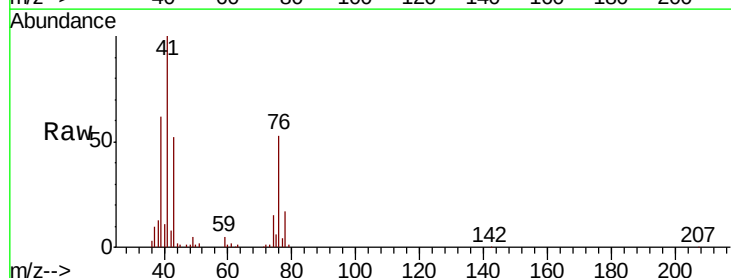
Instrument :
MSVOA_Y
ClientSampled :

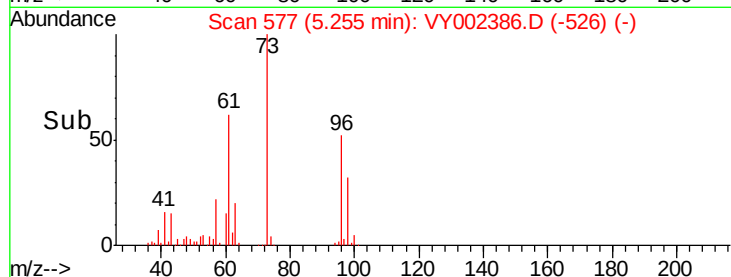
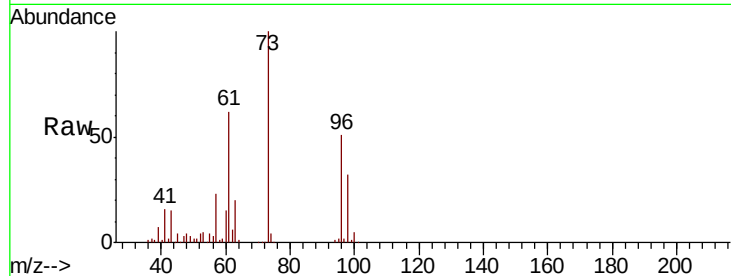
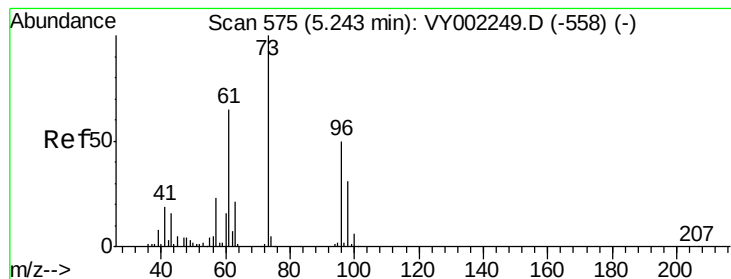
Tot Ion: 76 Resp: 357250
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 46.068 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 43 Resp: 70704
Ion Ratio Lower Upper
43 100
74 28.9 20.3 30.5



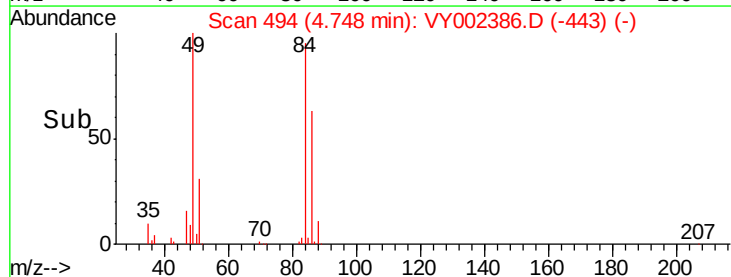
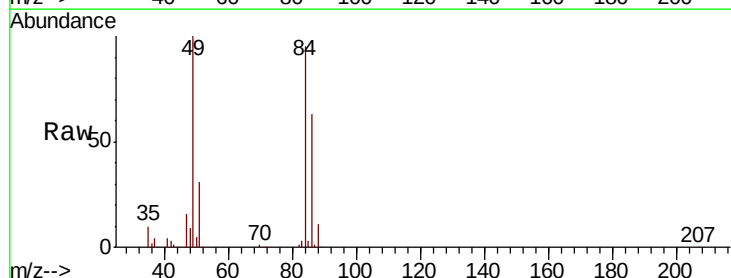
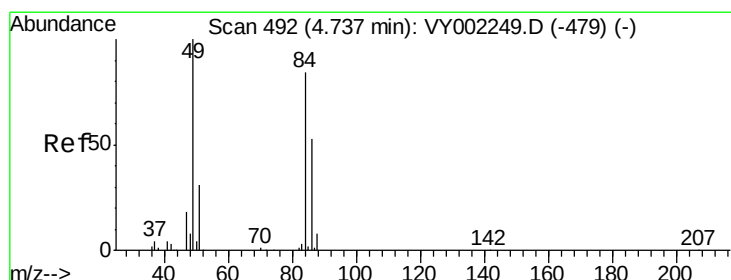
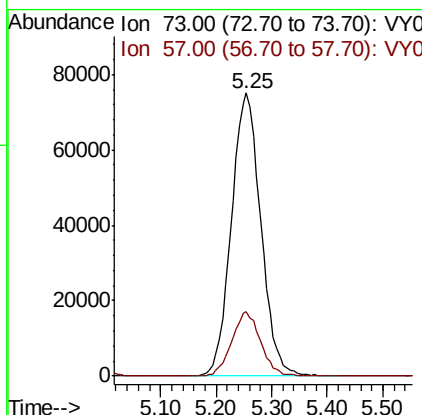


#19

Methyl tert-butyl Ether
 Concen: 51.338 ug/l
 RT: 5.25 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Instrument :
 MSVOA_Y
 ClientSampled :

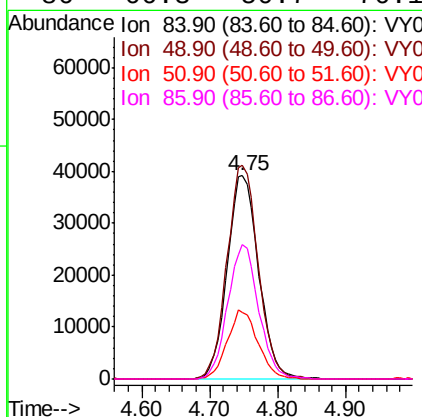
Tot Ion: 73 Resp: 275306
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.7 28.1

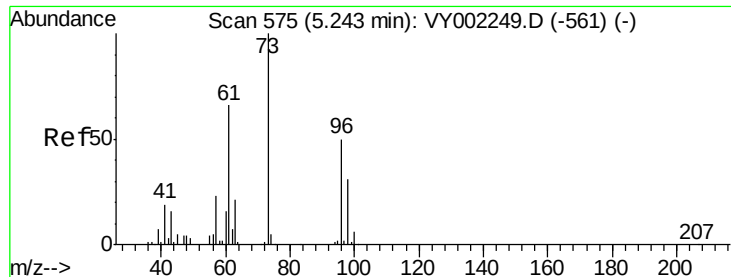


#20

Methylene Chloride
 Concen: 51.722 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion: 84 Resp: 125788
 Ion Ratio Lower Upper
 84 100
 49 105.1 95.5 143.3
 51 32.9 29.5 44.3
 86 66.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 54.206 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

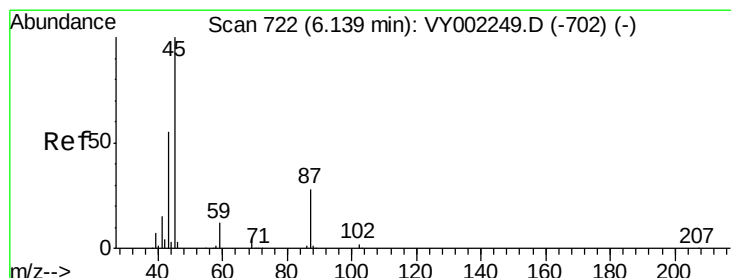
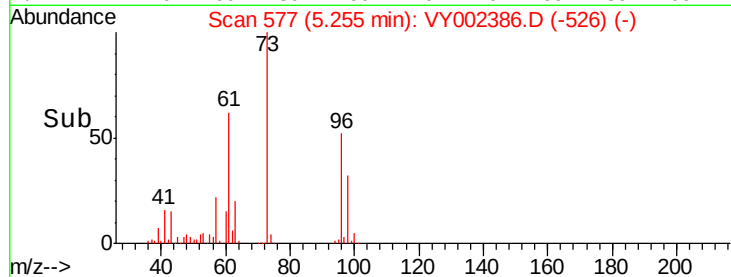
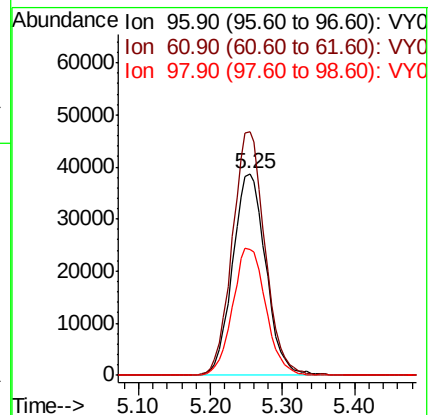
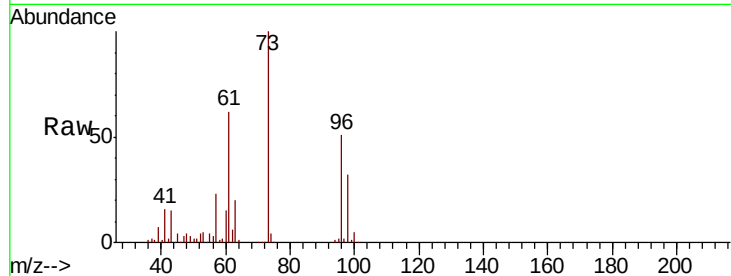
Tot Ion: 96 Resp: 124108

Ion Ratio Lower Upper

96 100

61 120.9 104.6 157.0

98 62.7 50.1 75.1



#22

Diisopropyl ether

Concen: 45.341 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Tgt Ion: 45 Resp: 300558

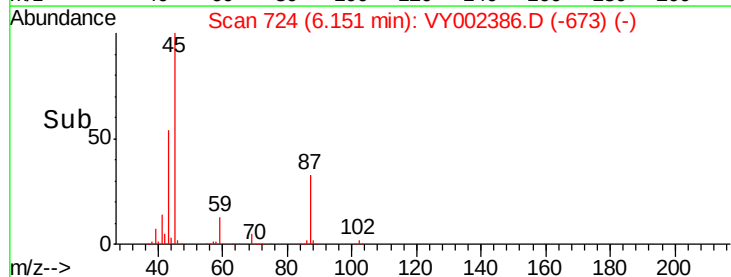
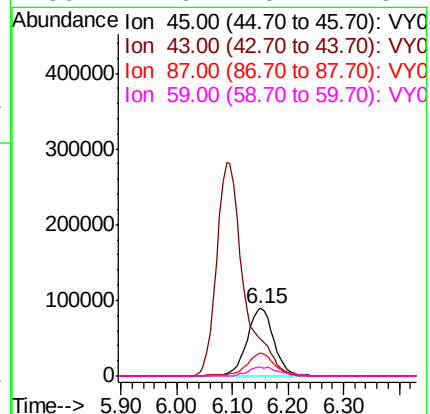
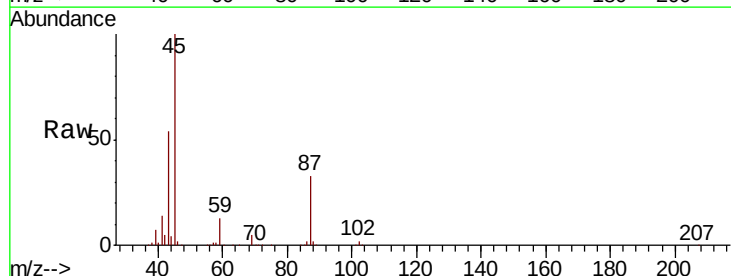
Ion Ratio Lower Upper

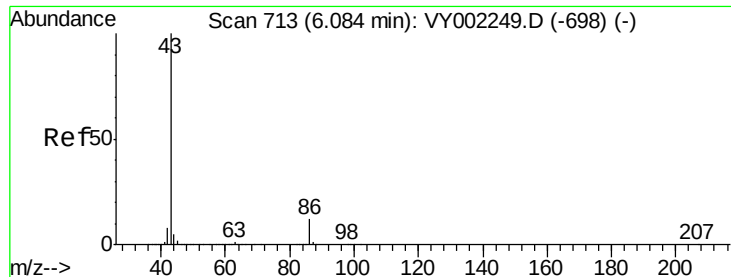
45 100

43 54.1 44.7 67.1

87 33.1 23.0 34.4

59 12.9 10.1 15.1





#23

Vinyl Acetate

Concen: 227.434 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

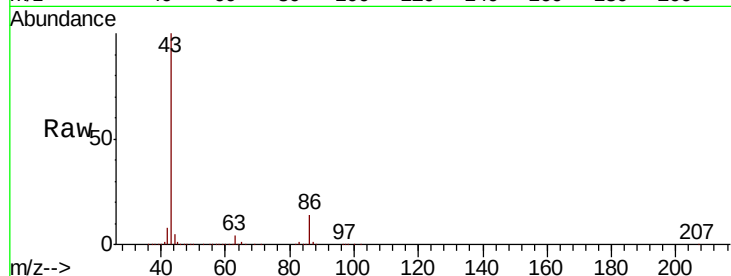
ClientSampleId :

Tot Ion: 43 Resp: 960756

Ion Ratio Lower Upper

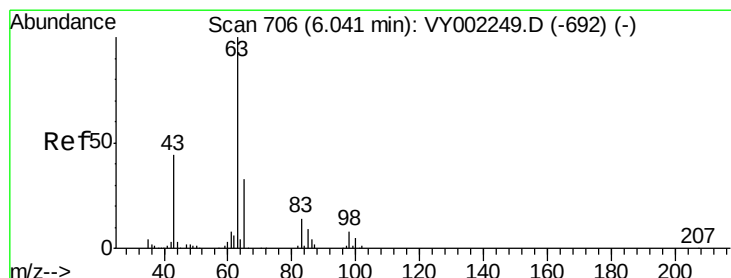
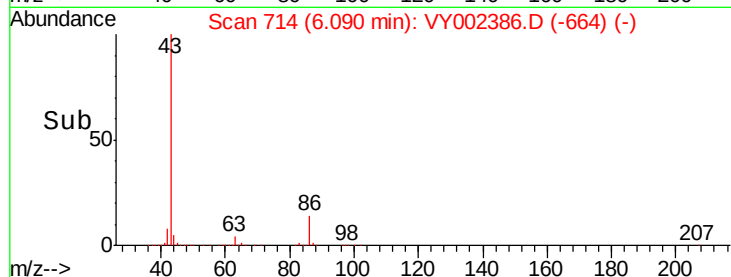
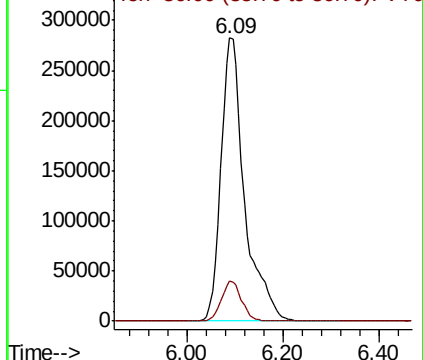
43 100

86 14.0 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: 50.265 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

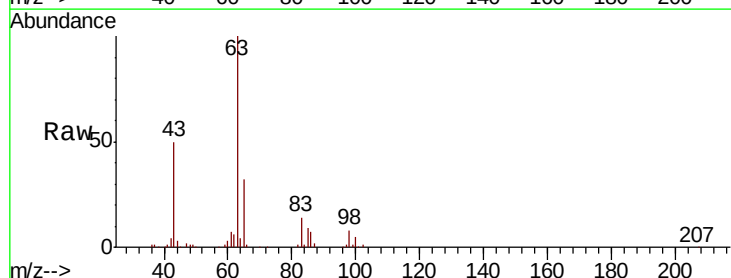
Tgt Ion: 63 Resp: 189524

Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

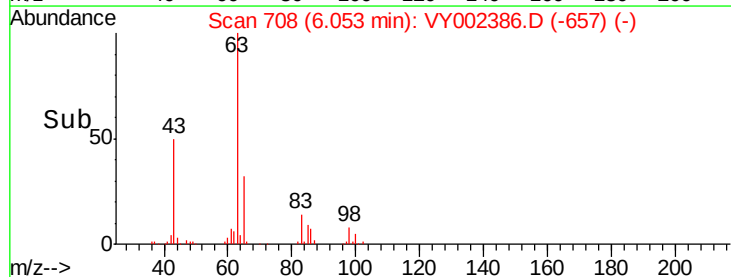
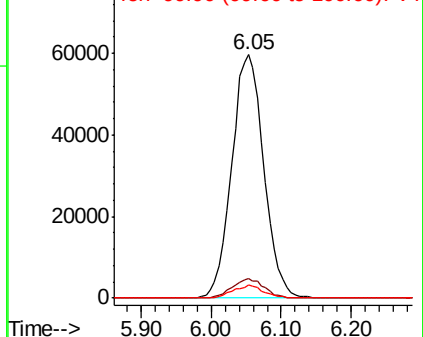
100 5.3 2.4 7.1

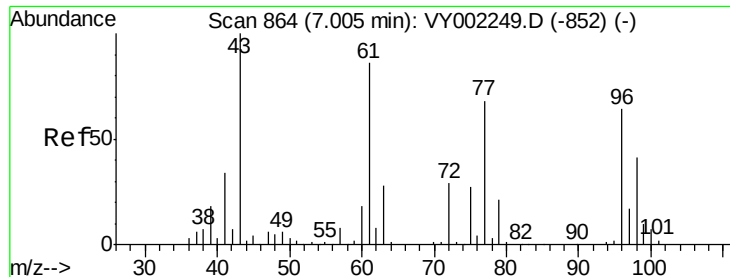


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 254.176 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

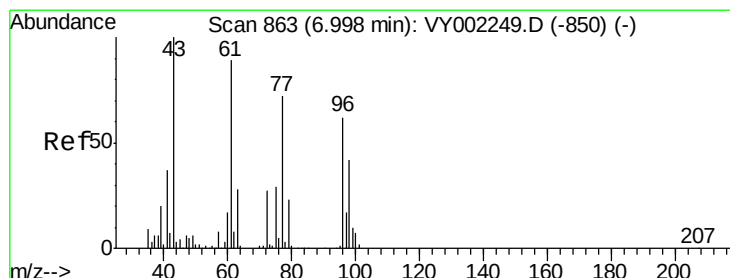
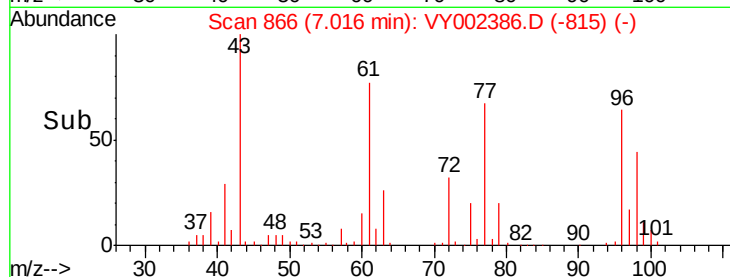
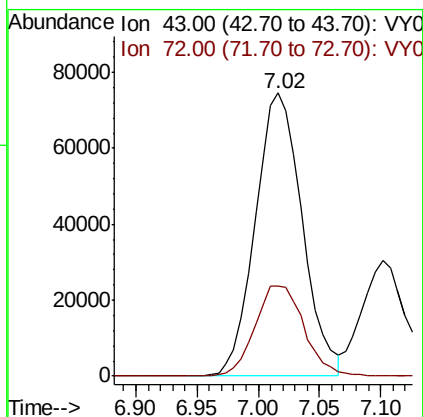
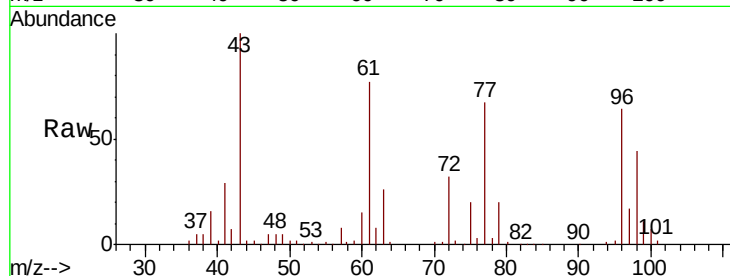
ClientSampled :

Tot Ion: 43 Resp: 199032

Ion Ratio Lower Upper

43 100

72 32.0 23.2 34.8



#26

2,2-Dichloropropane

Concen: 49.387 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY002386.D

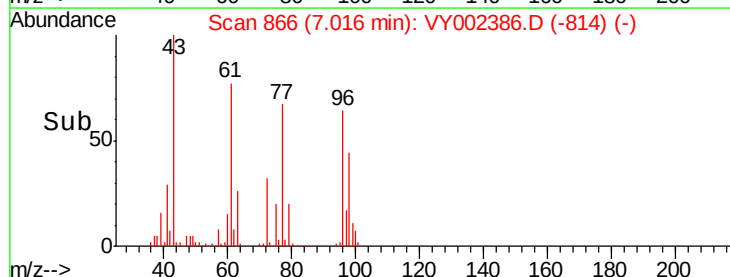
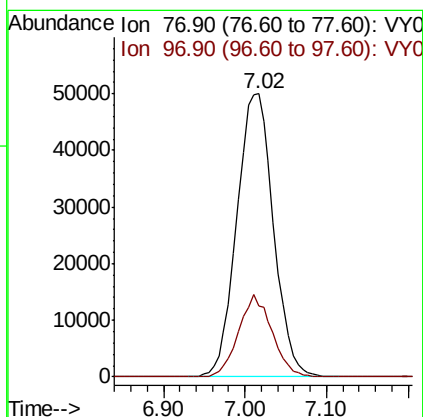
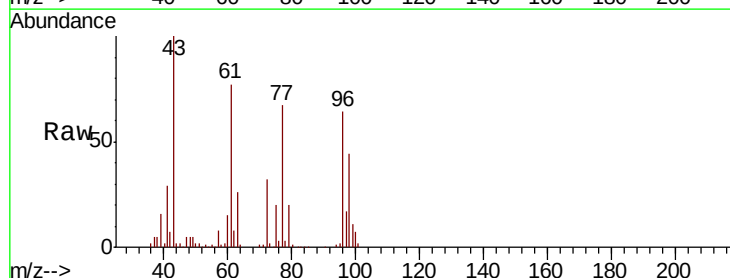
Acq: 17 Apr 2020 10:08

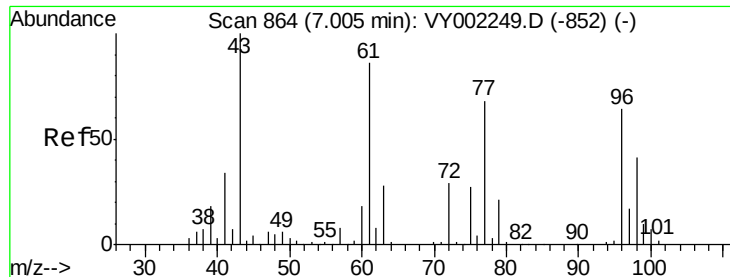
Tgt Ion: 77 Resp: 155766

Ion Ratio Lower Upper

77 100

97 26.6 12.2 36.6



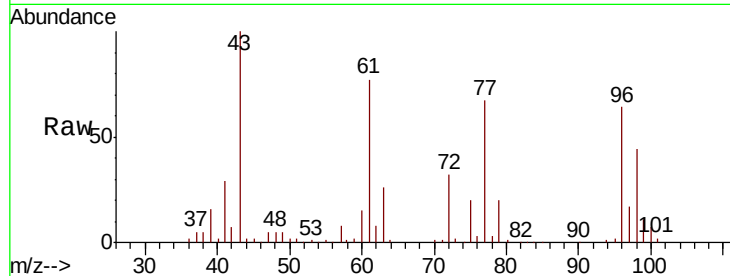


#27

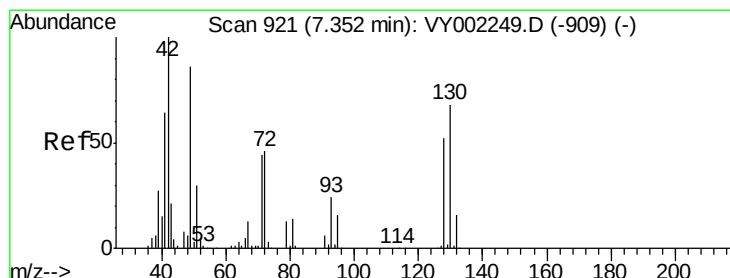
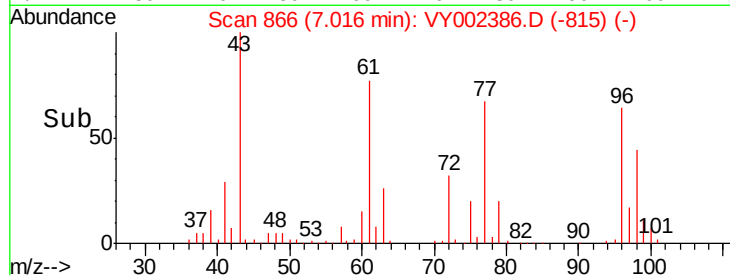
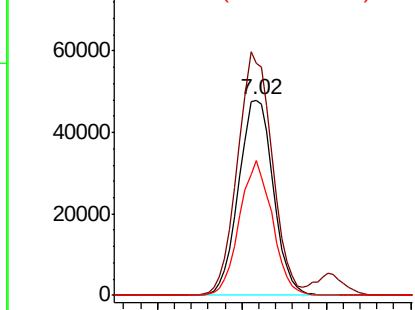
cis-1,2-Dichloroethene
 Concen: 53.651 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 133904
 Ion Ratio Lower Upper
 96 100
 61 124.4 0.0 278.0
 98 65.2 0.0 128.6



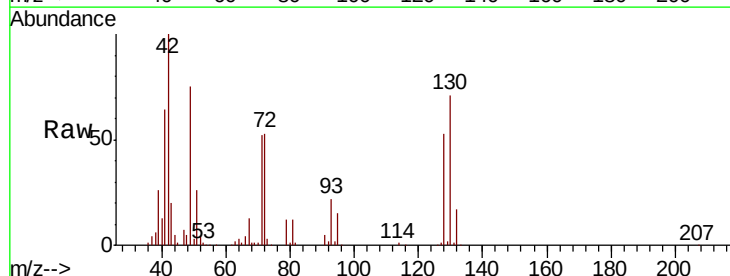
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



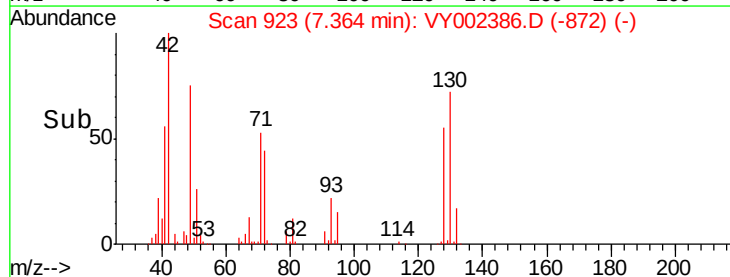
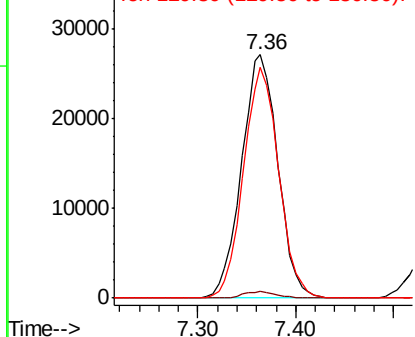
#28

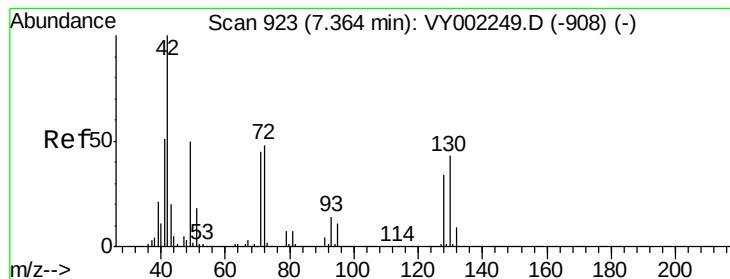
Bromochloromethane
 Concen: 43.071 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion: 49 Resp: 70103
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 91.9 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: 225.444 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampled :

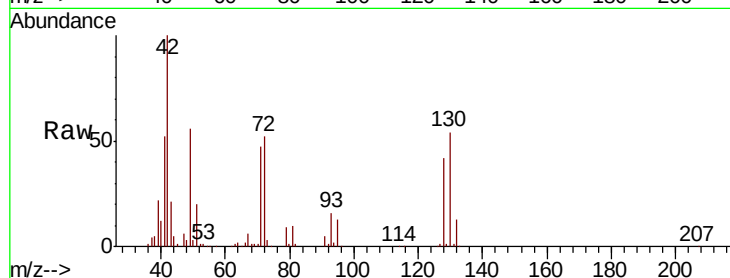
Tot Ion: 42 Resp: 116693

Ion Ratio Lower Upper

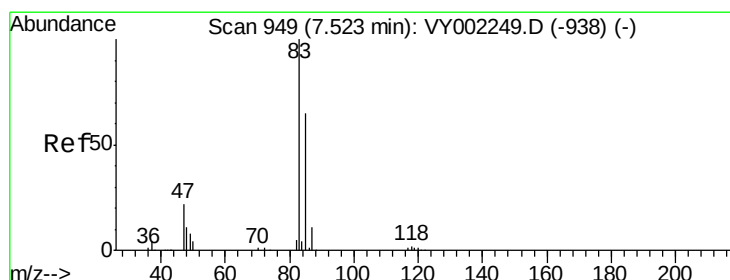
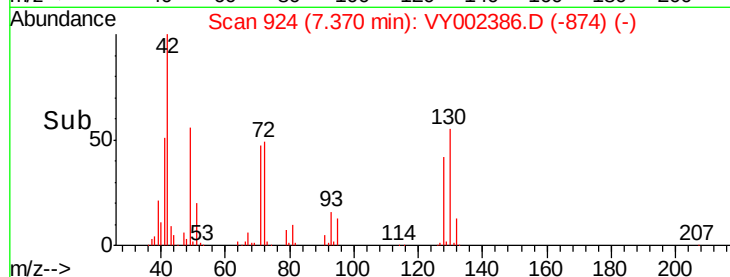
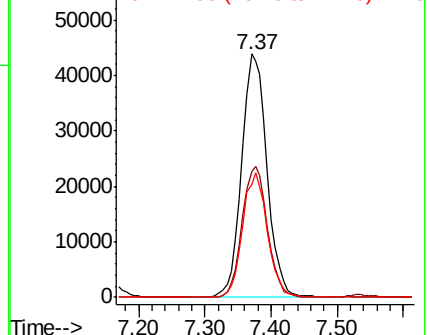
42 100

72 53.9 36.7 55.1

71 49.9 34.7 52.1



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



#30

Chloroform

Concen: 51.704 ug/l

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: VY002386.D

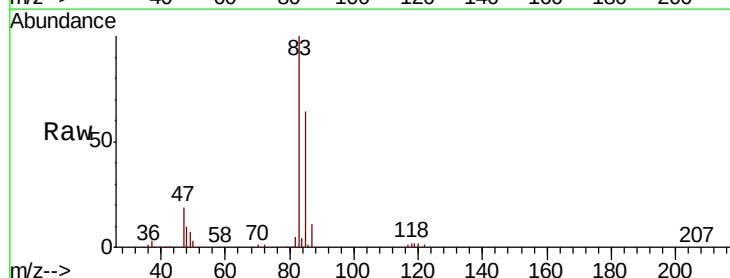
Acq: 17 Apr 2020 10:08

Tgt Ion: 83 Resp: 183768

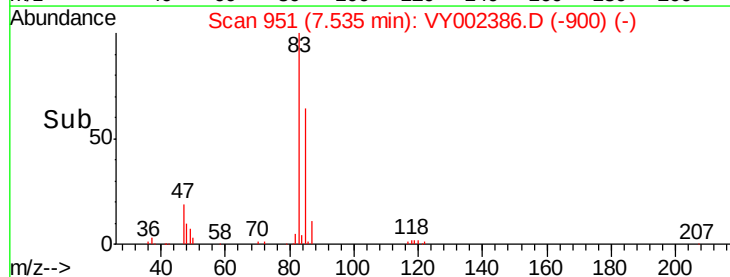
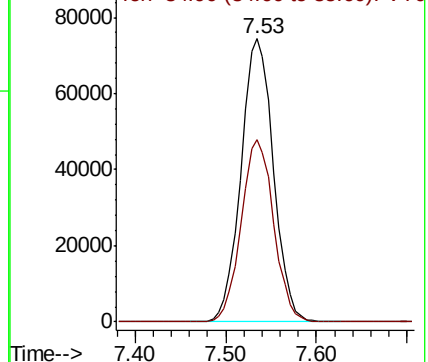
Ion Ratio Lower Upper

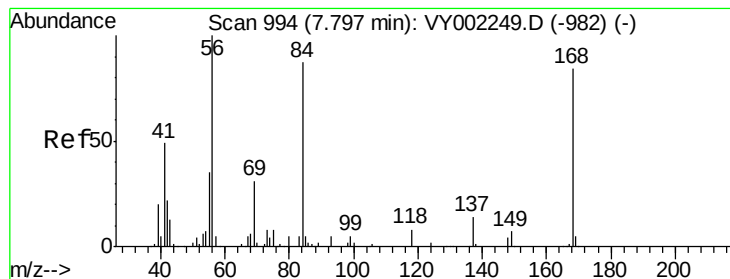
83 100

85 64.5 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: 46.088 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampled :

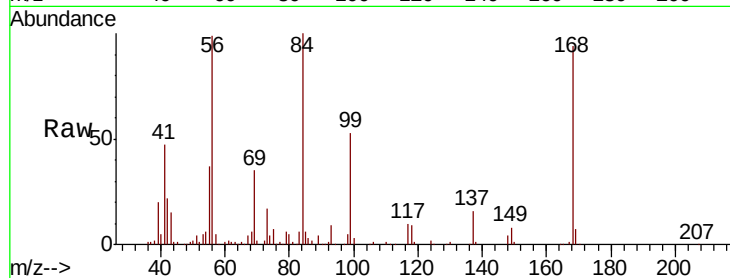
Tot Ion: 56 Resp: 182405

Ion Ratio Lower Upper

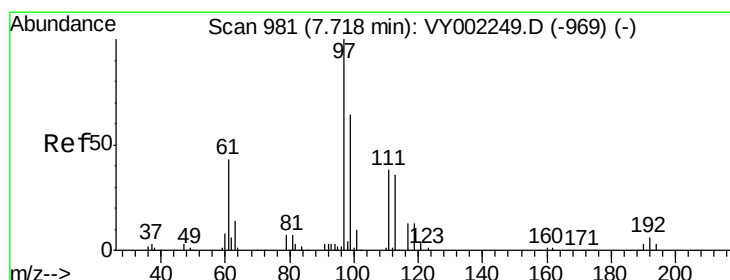
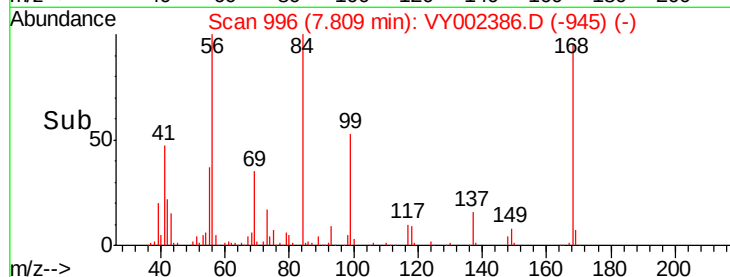
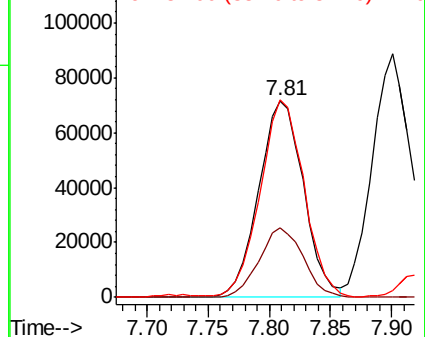
56 100

69 35.2 25.0 37.6

84 99.6 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: 52.217 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

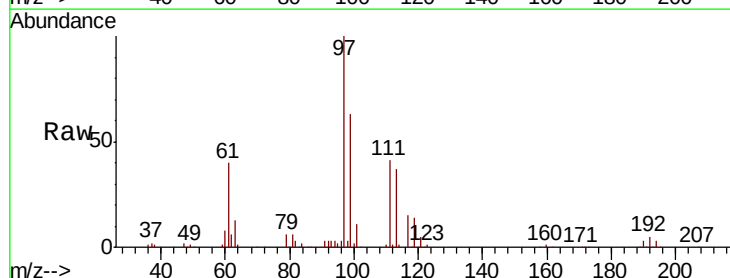
Tgt Ion: 97 Resp: 154473

Ion Ratio Lower Upper

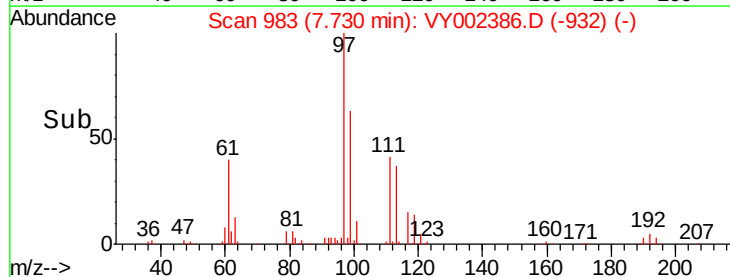
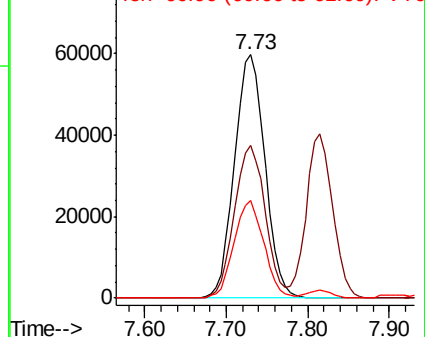
97 100

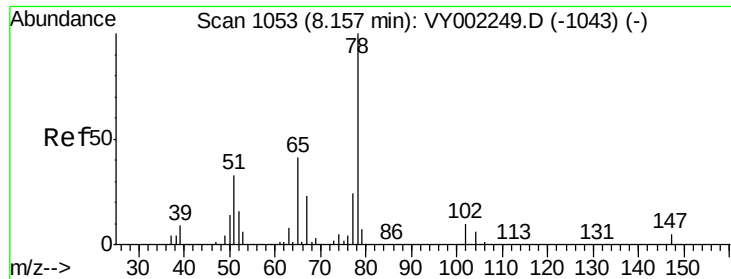
99 63.1 51.3 76.9

61 39.3 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

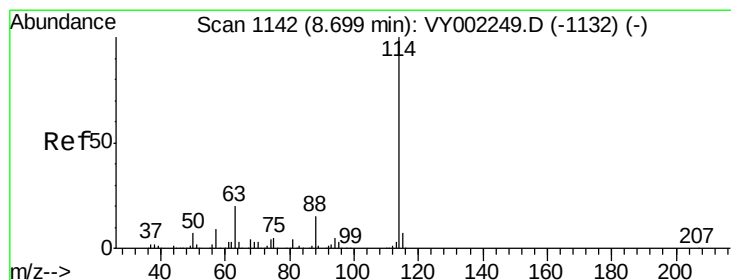
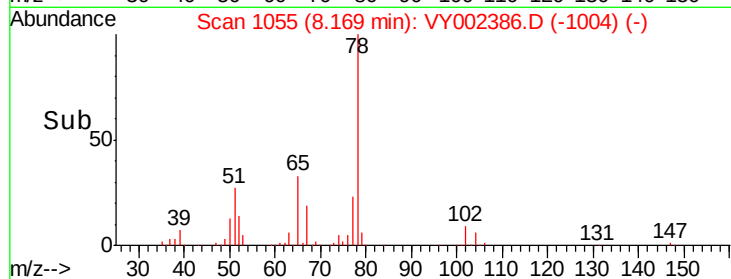
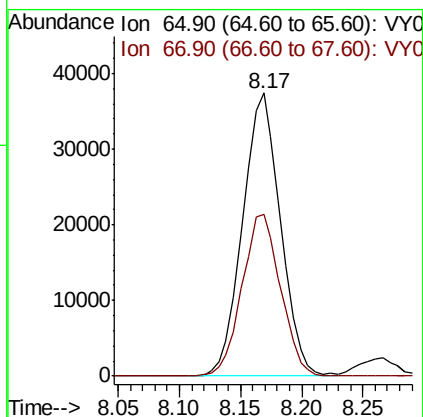
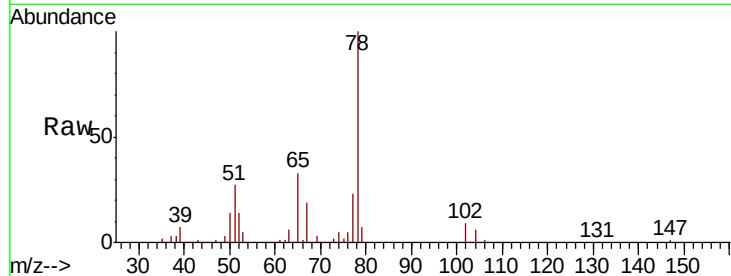




#33
 1,2-Dichloroethane-d4
 Concen: 42.834 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

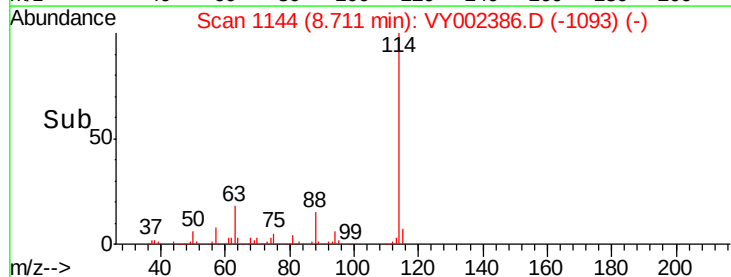
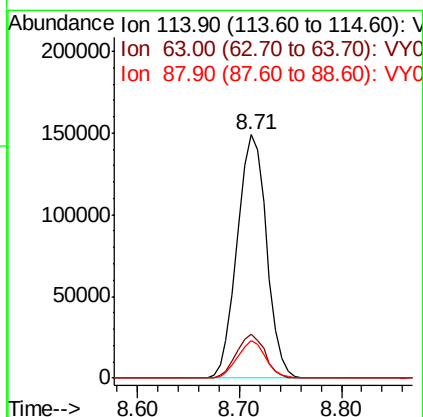
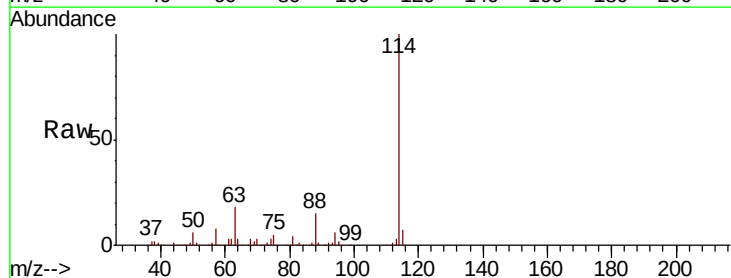
Instrument :
 MSVOA_Y
 ClientSampleId :

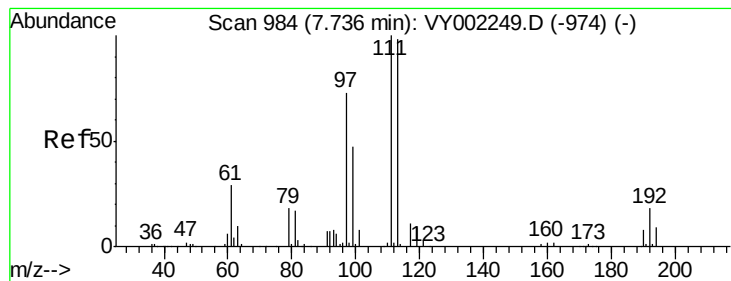
Tot Ion: 65 Resp: 80469
 Ion Ratio Lower Upper
 65 100
 67 58.3 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion:114 Resp: 296872
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.0
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

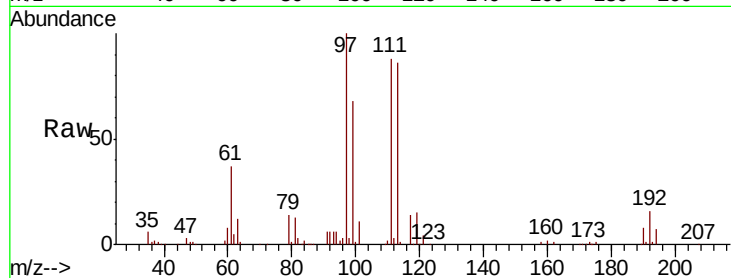
Tot Ion:113 Resp: 89355

Ion Ratio Lower Upper

113 100

111 104.0 83.5 125.3

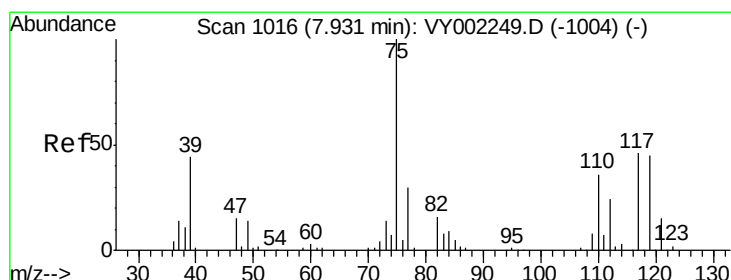
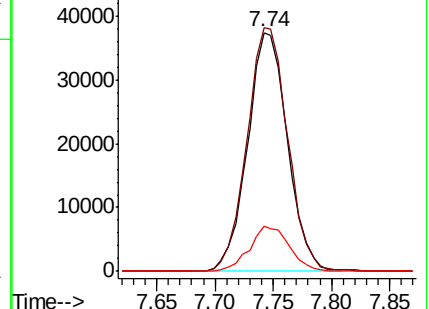
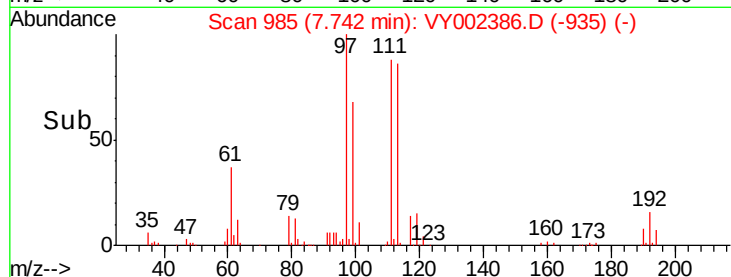
192 18.8 14.7 22.1



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: 52.374 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

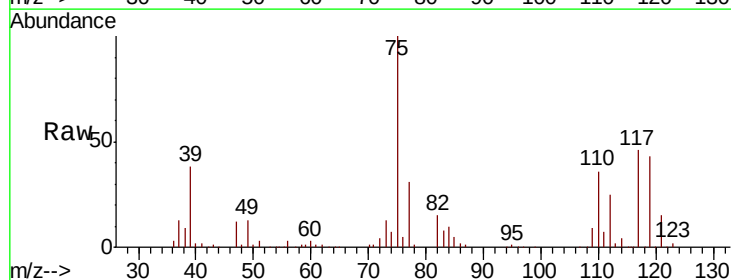
Tgt Ion: 75 Resp: 153148

Ion Ratio Lower Upper

75 100

110 37.7 17.8 53.3

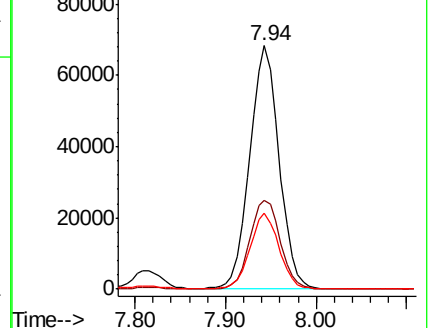
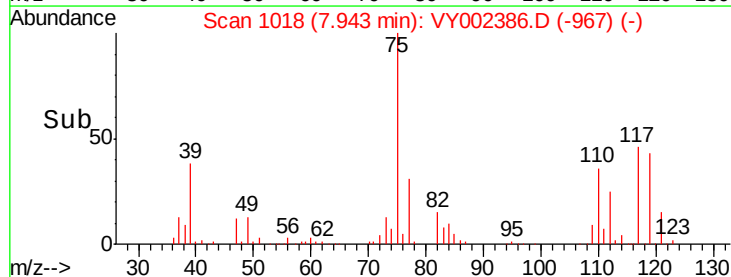
77 31.0 24.4 36.6

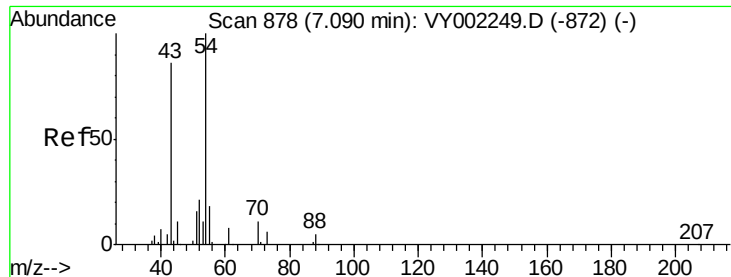


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

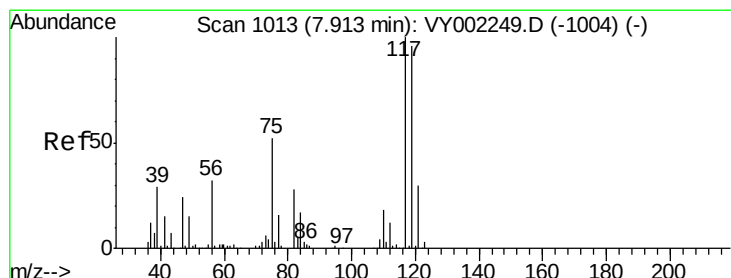
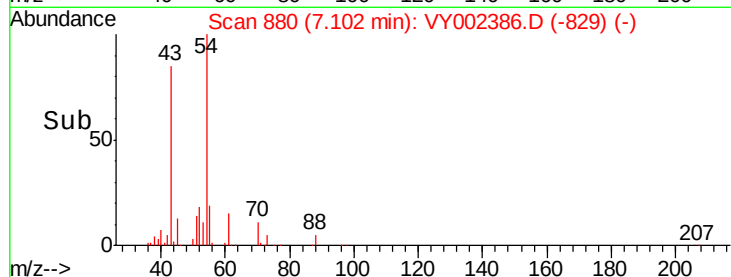
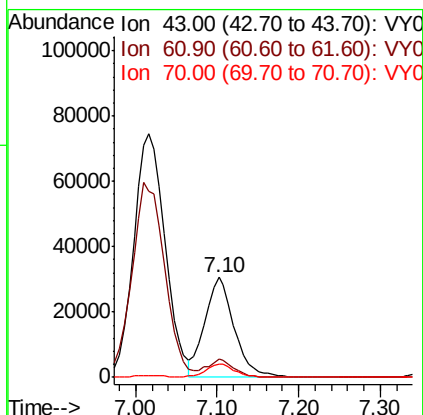
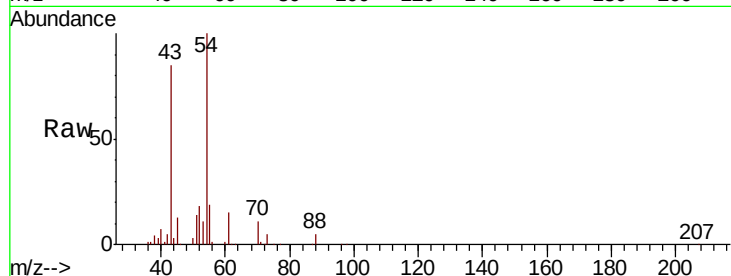




#37
Ethyl Acetate
Concen: 46.612 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

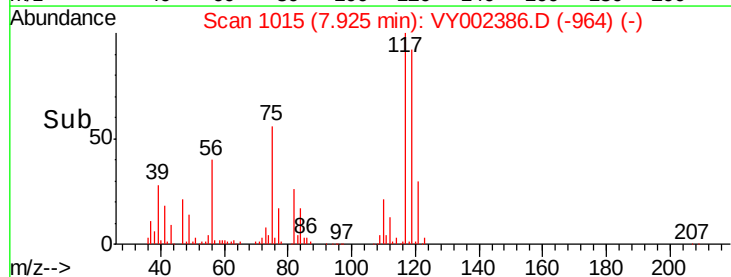
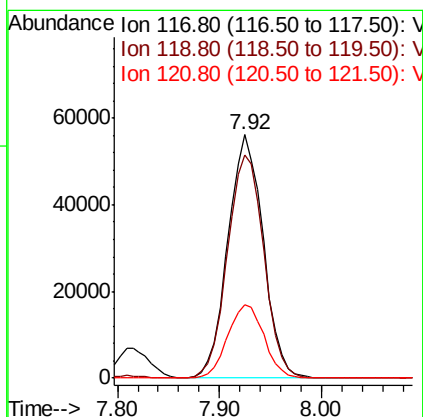
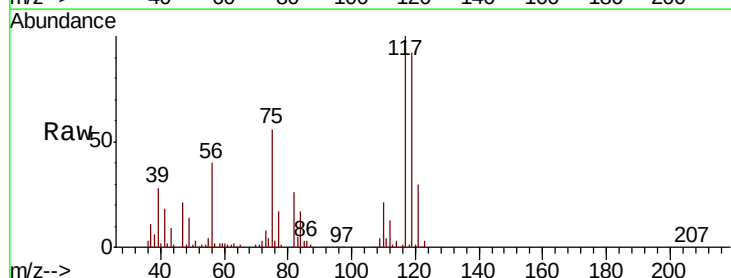
Instrument :
MSVOA_Y
ClientSampled :

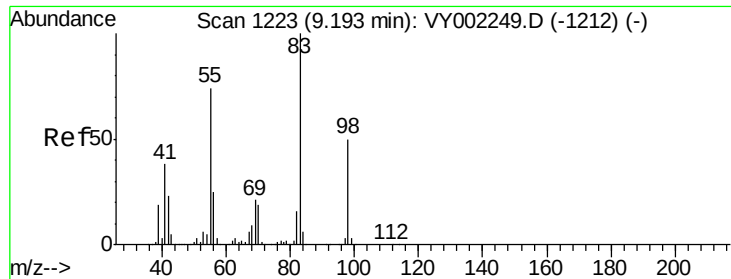
Tot Ion: 43 Resp: 77865
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 13.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.824 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 117 Resp: 134627
Ion Ratio Lower Upper
117 100
119 91.8 77.1 115.7
121 30.1 23.9 35.9

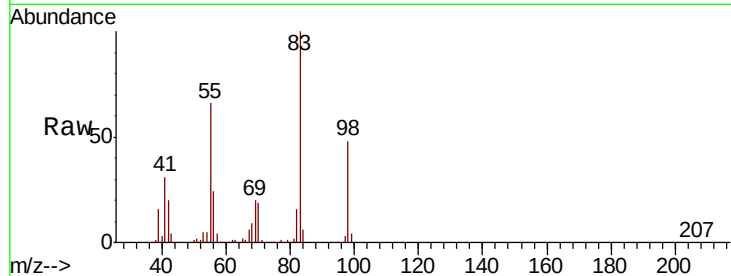




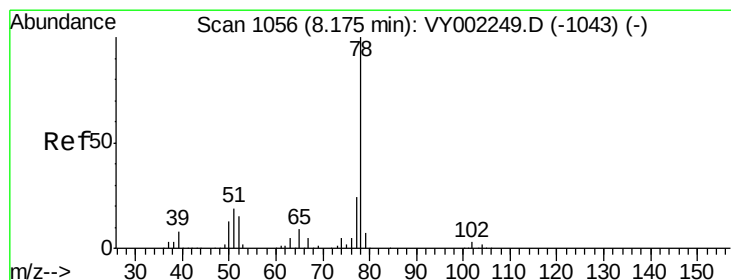
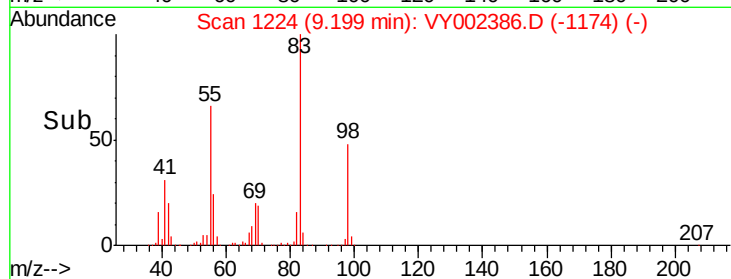
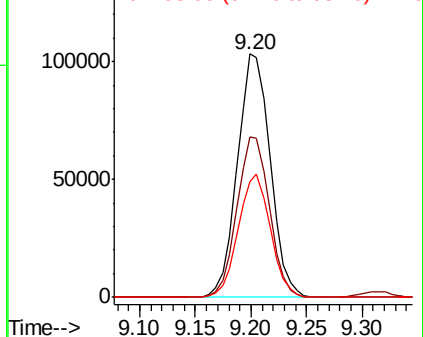
#39
Methylvlcyclohexane
Concen: 53.166 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83.00	Resp	211479
Ion	Ratio	Lower	Upper
83	100		
55	66.0	59.3	88.9
98	47.6	39.6	59.4

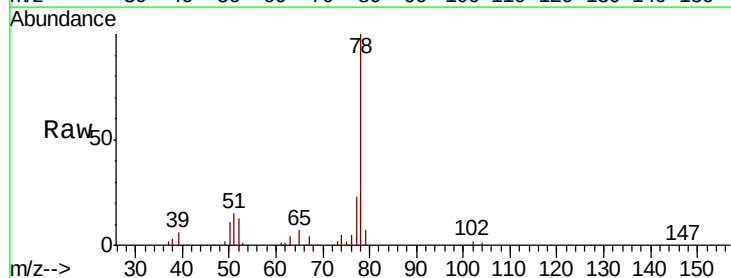


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

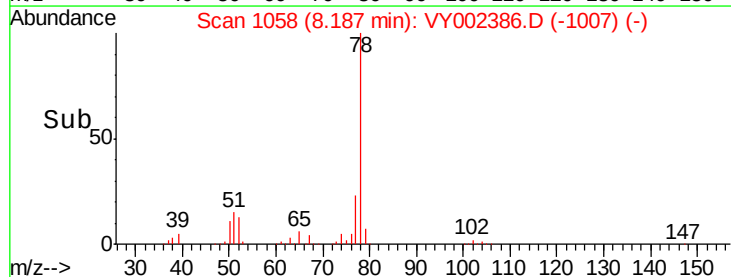
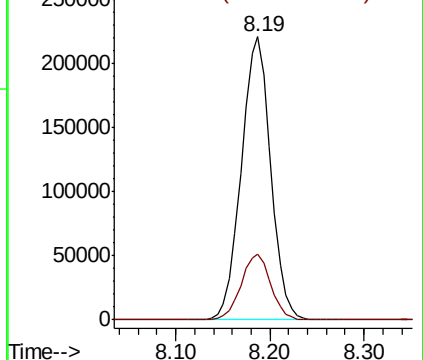


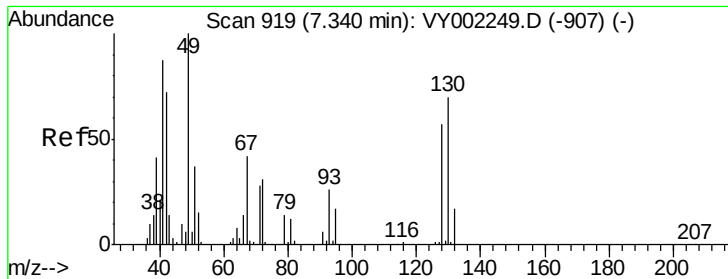
#40
Benzene
Concen: 54.026 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion	78.00	Resp	479310
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3



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

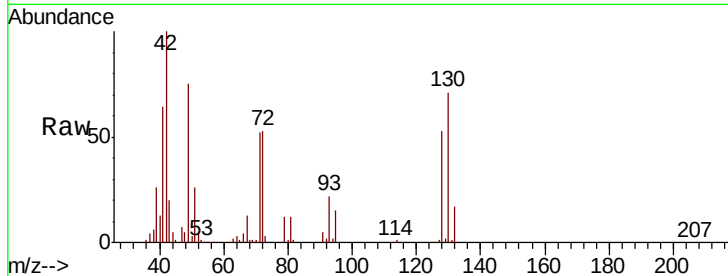




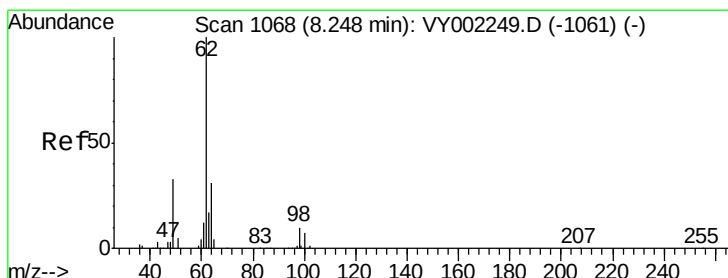
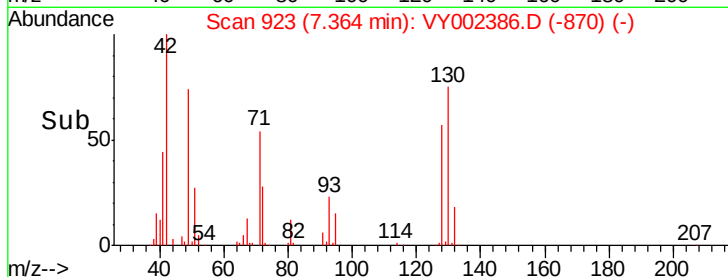
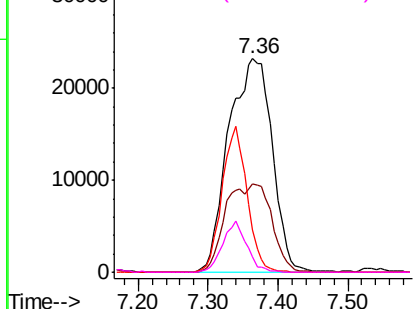
#41
Methacrylonitrile
Concen: 101.813 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 100332
Ion Ratio Lower Upper
41 100
39 43.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

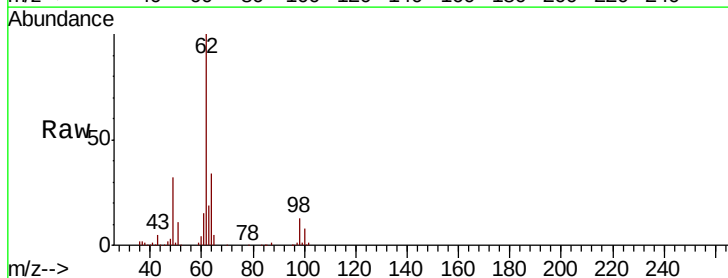


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

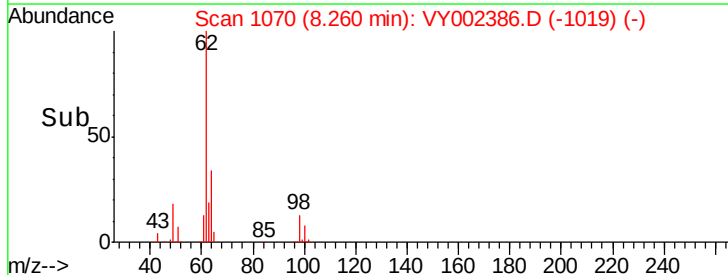
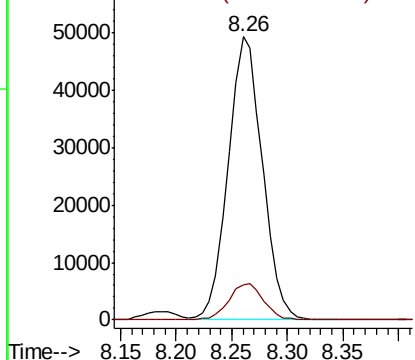


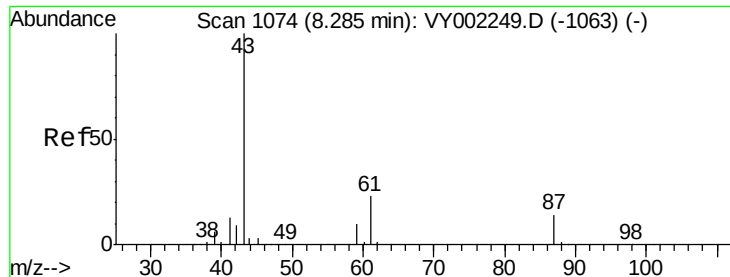
#42
1,2-Dichloroethane
Concen: 47.857 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 62 Resp: 105174
Ion Ratio Lower Upper
62 100
98 12.9 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: 45.858 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

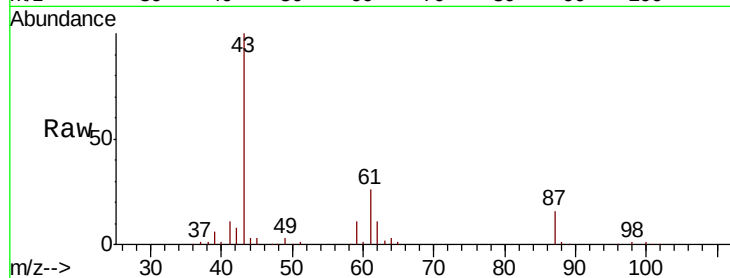
Tot Ion: 43 Resp: 139714

Ion Ratio Lower Upper

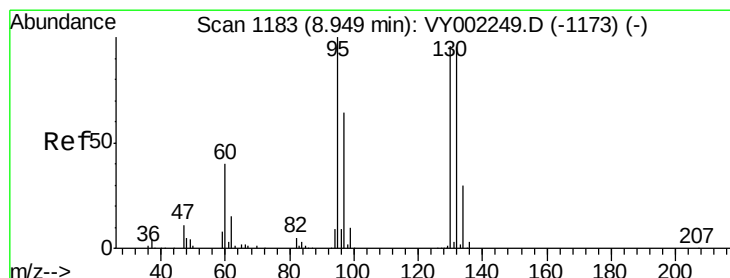
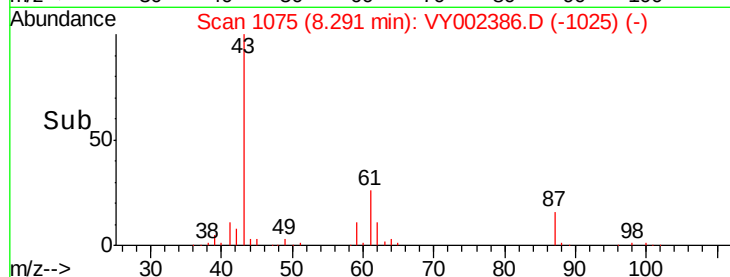
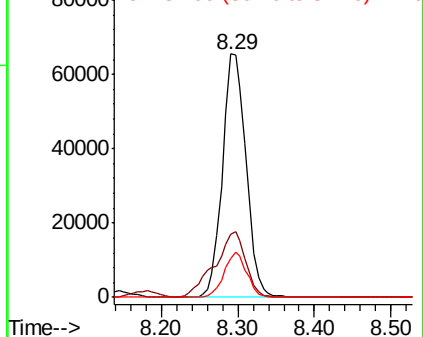
43 100

61 35.4 24.9 37.3

87 17.7 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: 54.533 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VY002386.D

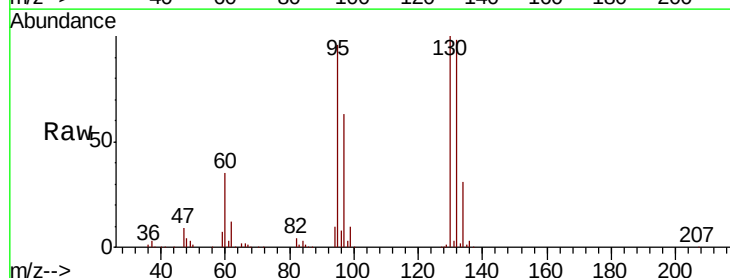
Acq: 17 Apr 2020 10:08

Tgt Ion:130 Resp: 142243

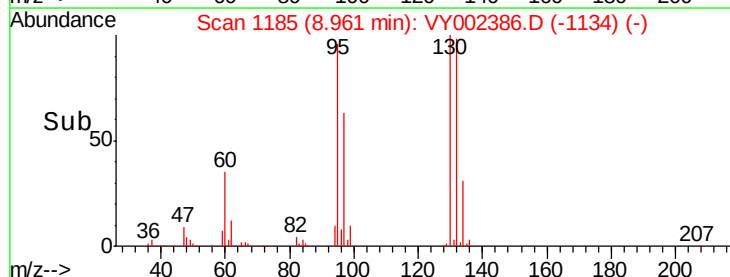
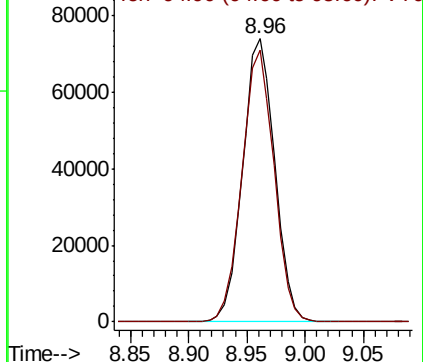
Ion Ratio Lower Upper

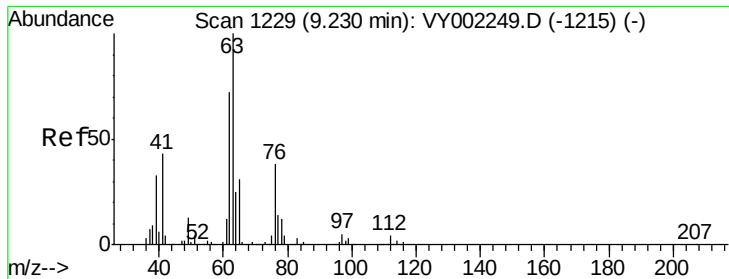
130 100

95 96.1 0.0 208.2



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

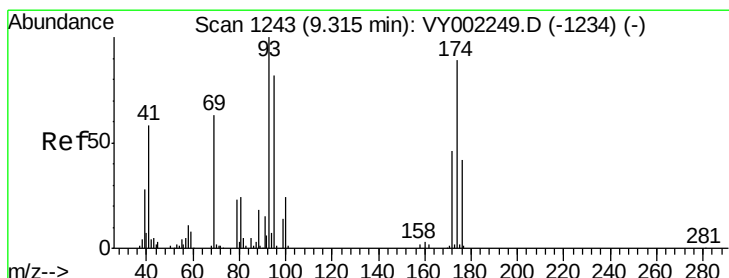
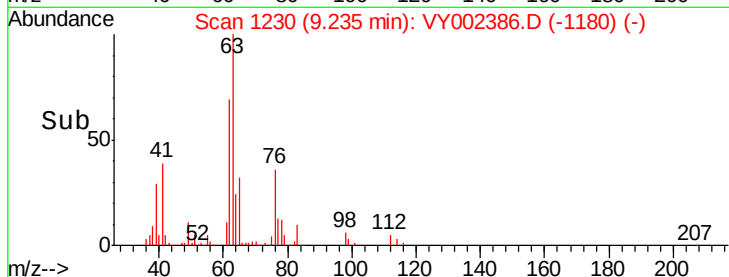
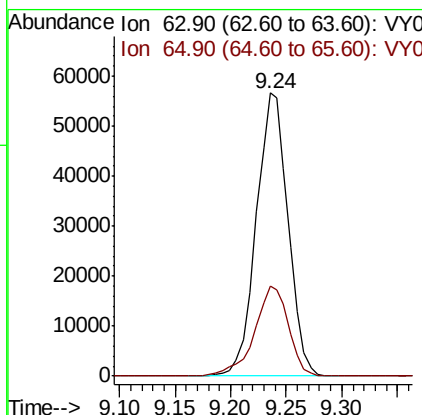
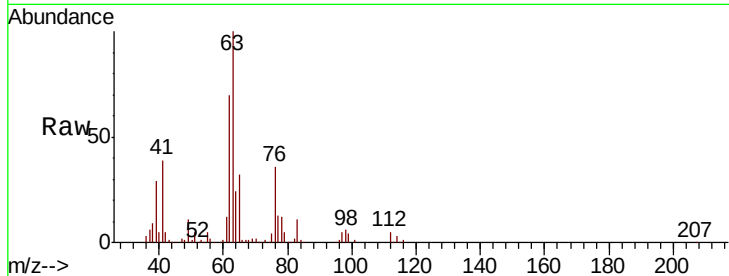




#45
 1,2-Dichloropropane
 Concen: 51.098 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

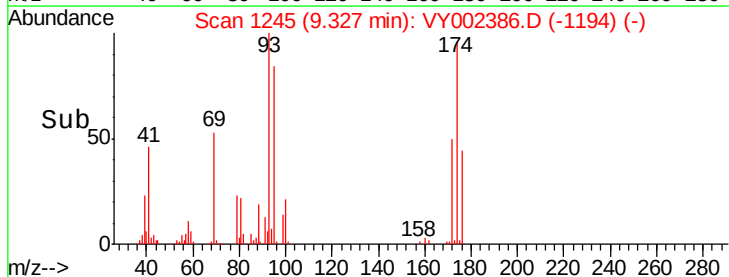
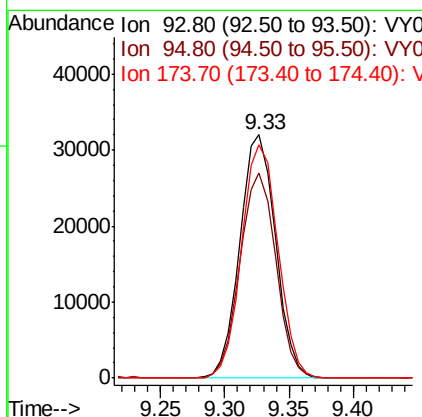
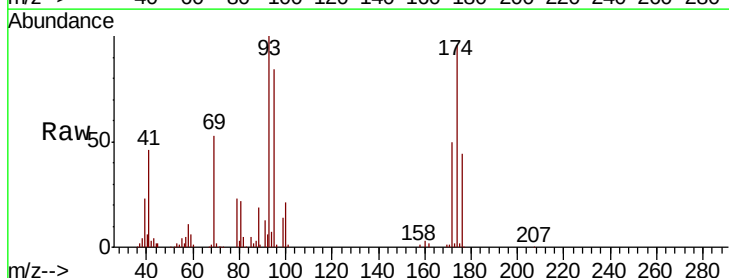
Instrument :
 MSVOA_Y
 ClientSampleId :

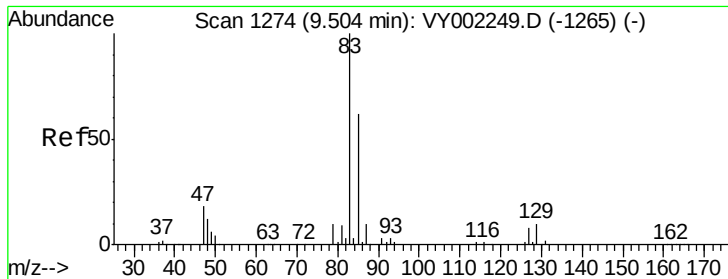
Tot Ion: 63 Resp: 112481
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0



#46
 Dibromomethane
 Concen: 53.531 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion: 93 Resp: 61611
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.3 100.9
 174 97.7 72.5 108.7





#47

Bromodichloromethane

Concen: 52.839 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampled :

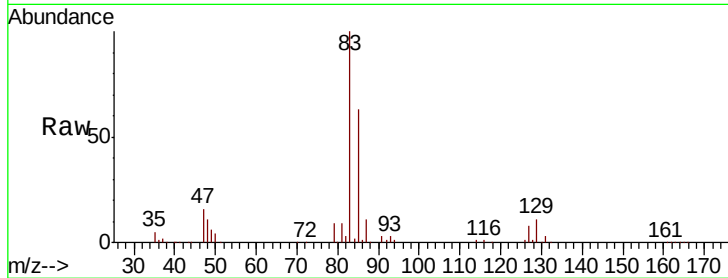
Tot Ion: 83 Resp: 139542

Ion Ratio Lower Upper

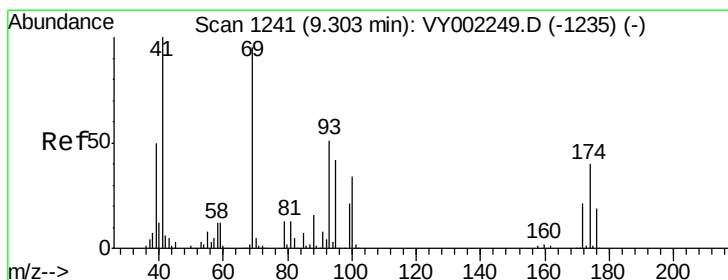
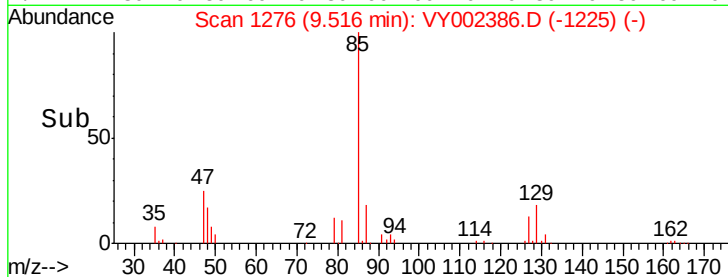
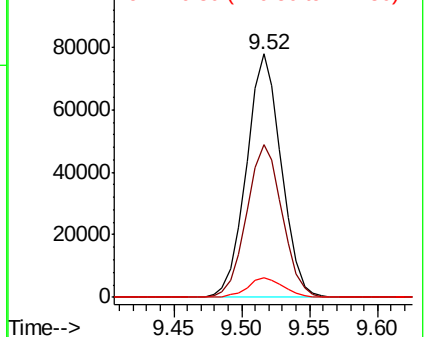
83 100

85 62.8 49.7 74.5

127 8.1 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: 46.111 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

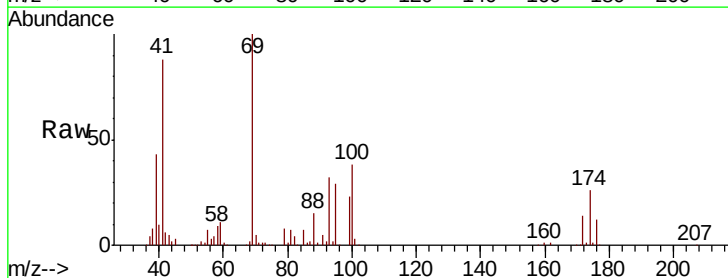
Tgt Ion: 41 Resp: 62992

Ion Ratio Lower Upper

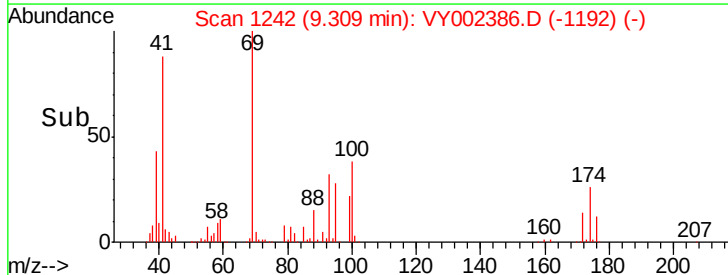
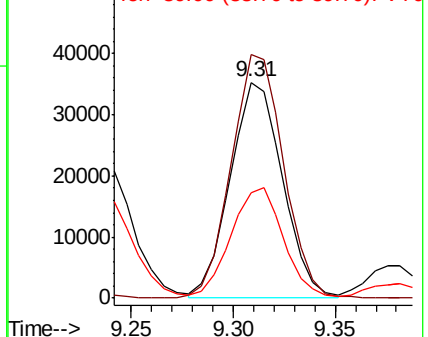
41 100

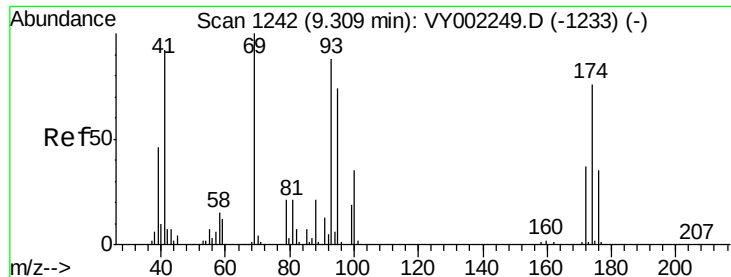
69 112.8 76.7 115.1

39 51.4 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: 1125.865 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

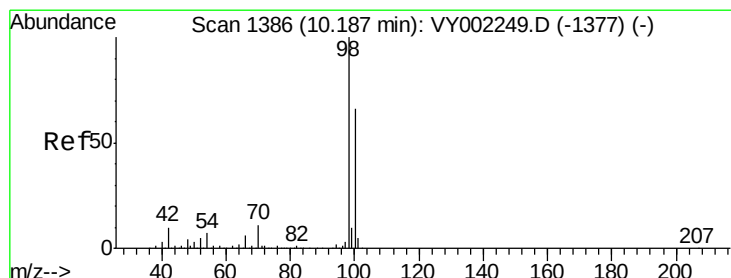
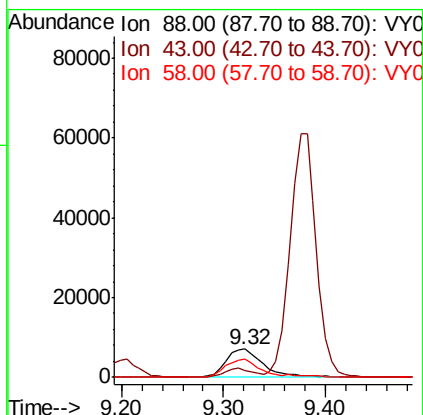
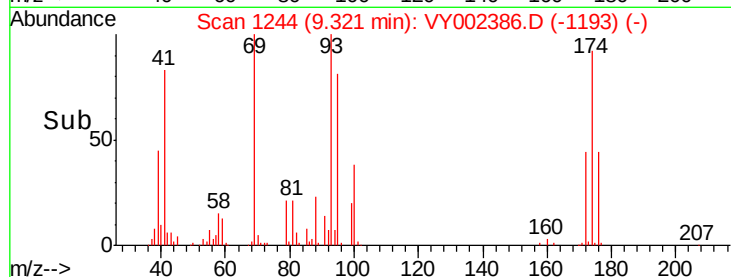
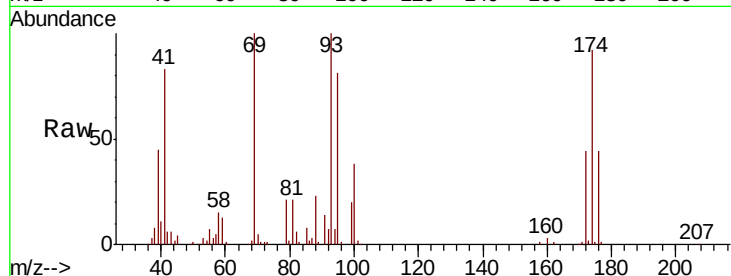
Tot Ion: 88 Resp: 18330

Ion Ratio Lower Upper

88 100

43 23.7 22.2 33.2

58 63.5 57.6 86.4



#50

Toluene-d8

Concen: 50.109 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002386.D

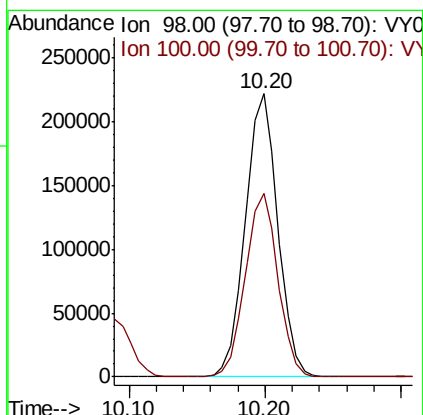
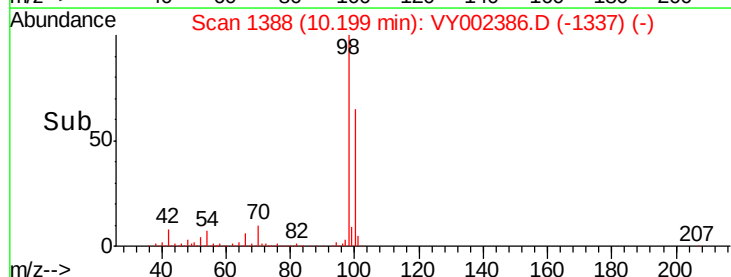
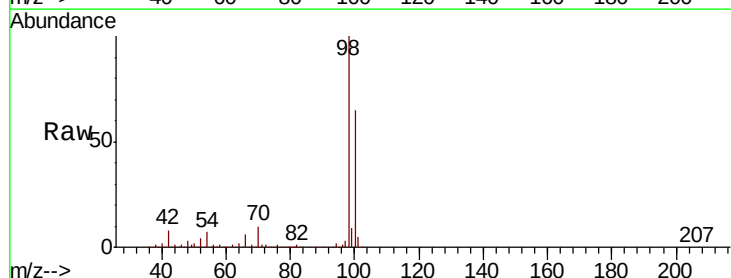
Acq: 17 Apr 2020 10:08

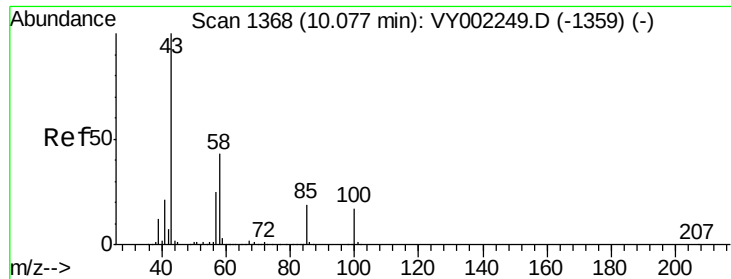
Tgt Ion: 98 Resp: 370493

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

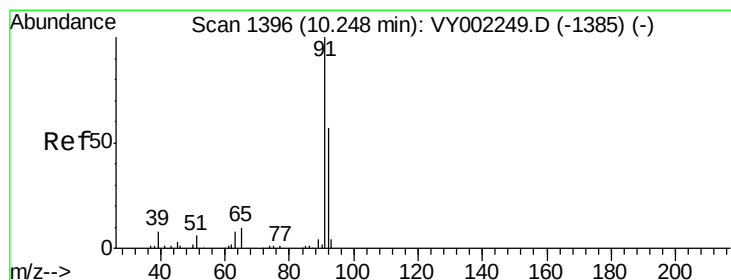
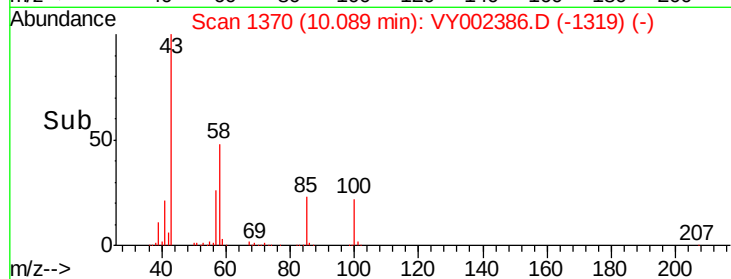
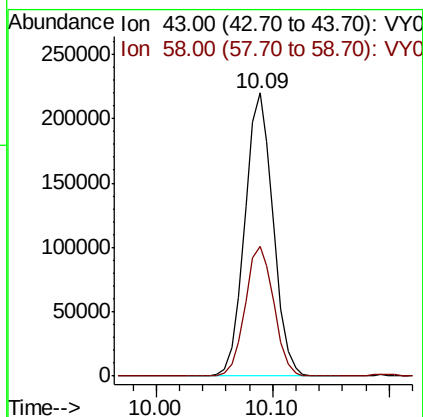
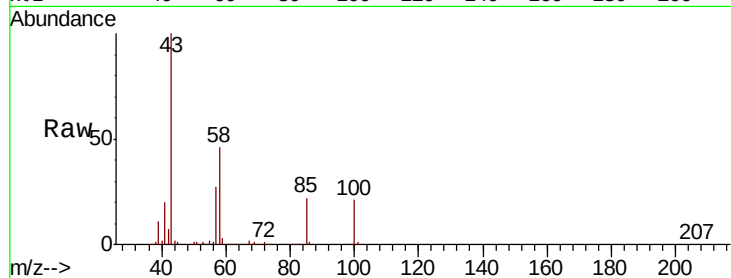




#51
4-Methyl-2-Pentanone
Concen: 234.050 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

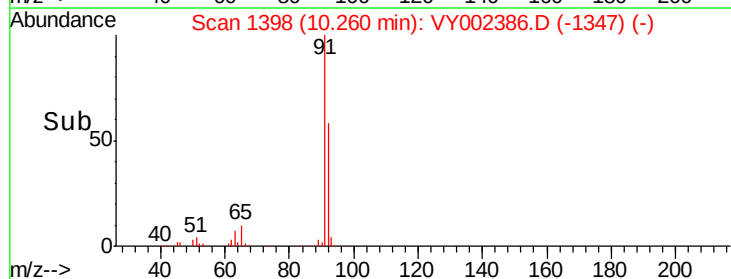
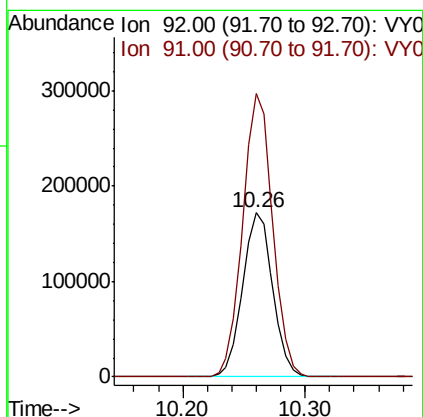
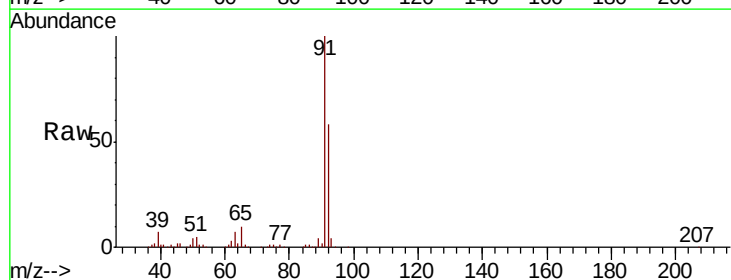
Instrument :
MSVOA_Y
ClientSampled :

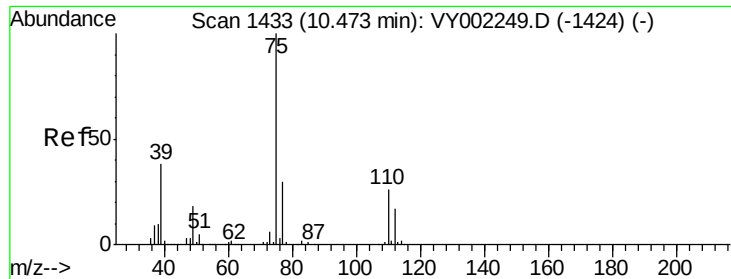
Tot Ion: 43 Resp: 371565
Ion Ratio Lower Upper
43 100
58 46.4 33.8 50.8



#52
Toluene
Concen: 54.672 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 92 Resp: 292312
Ion Ratio Lower Upper
92 100
91 172.6 139.0 208.6

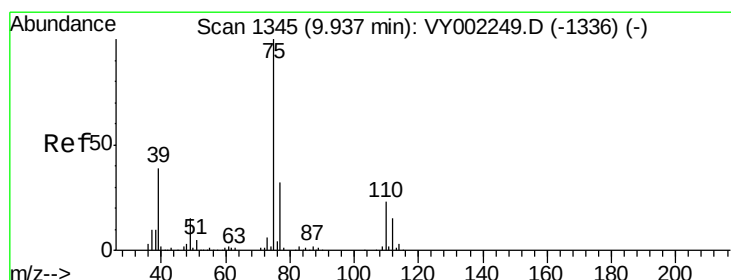
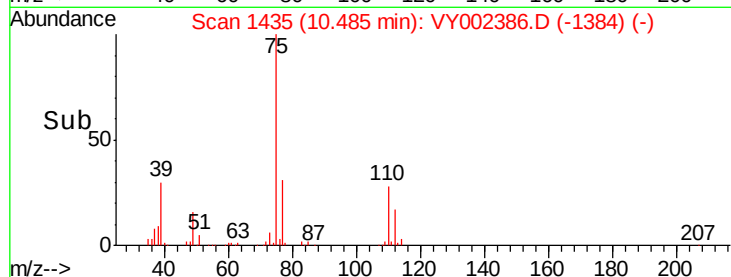
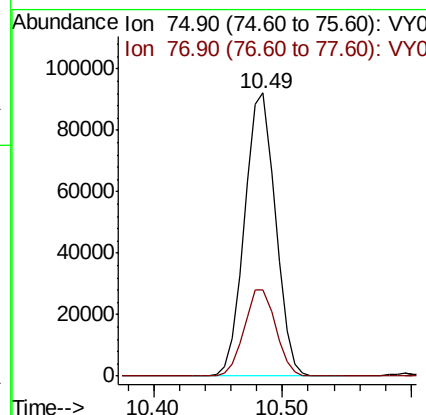
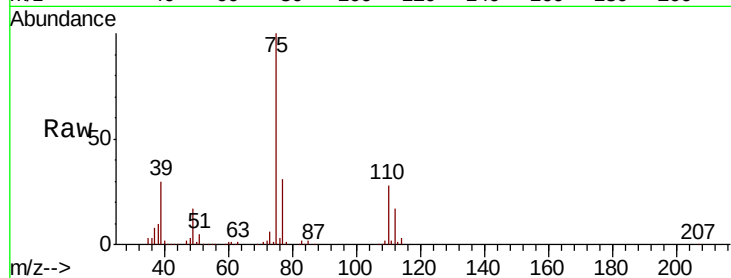




#53
t-1,3-Dichloropropene
Concen: 53.018 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

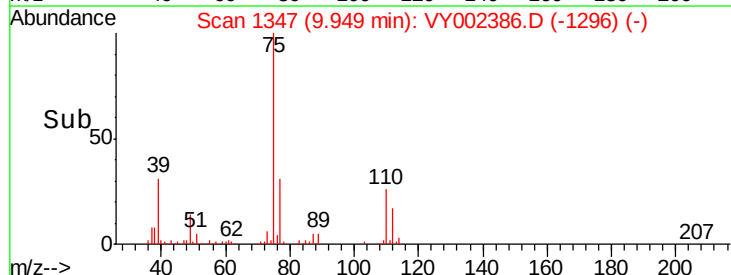
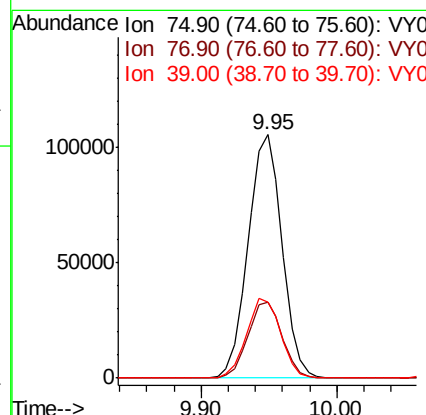
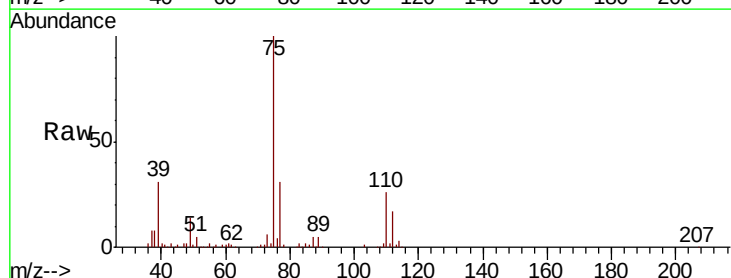
Instrument :
MSVOA_Y
ClientSampled :

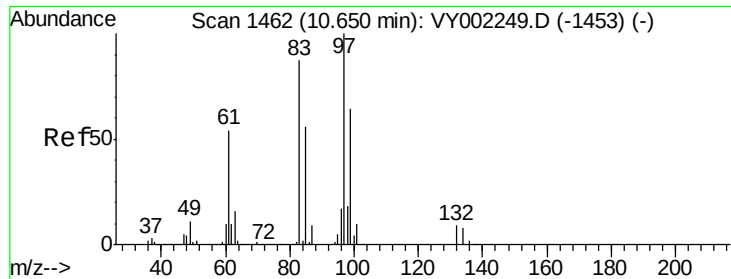
Tot Ion: 75 Resp: 152553
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 53.274 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 75 Resp: 184289
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 31.1 30.8 46.2

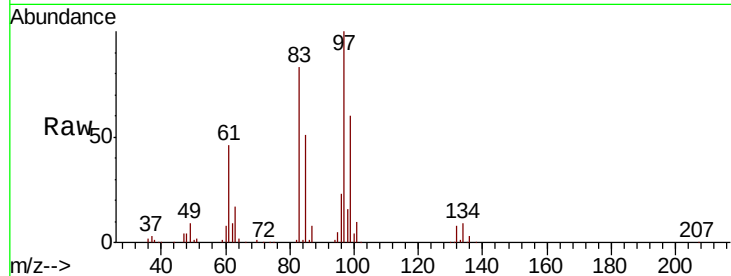




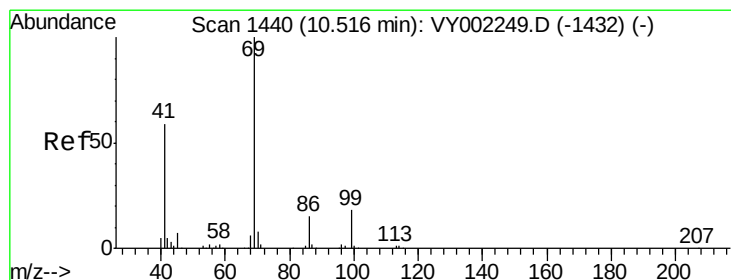
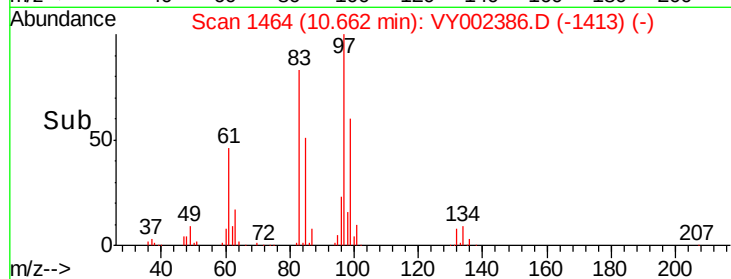
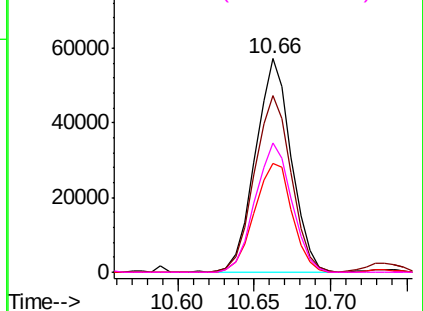
#55
 1,1,2-Trichloroethane
 Concen: 55.581 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	93656
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.5	104.3
85	51.2	45.2	67.8
99	60.4	50.9	76.3

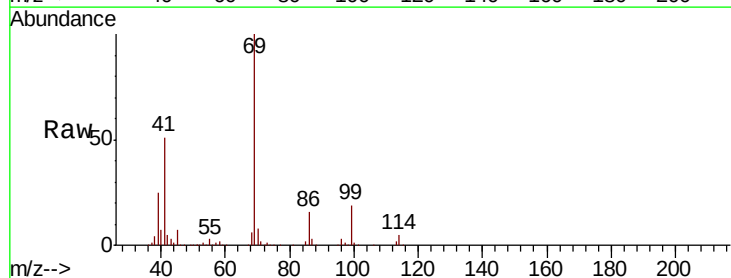


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

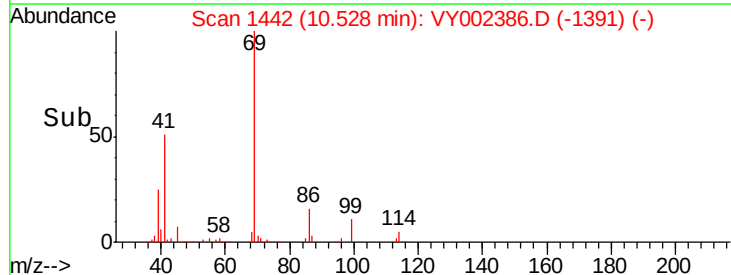
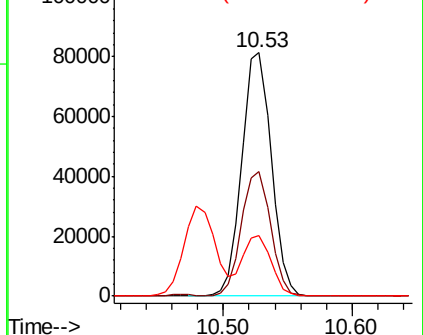


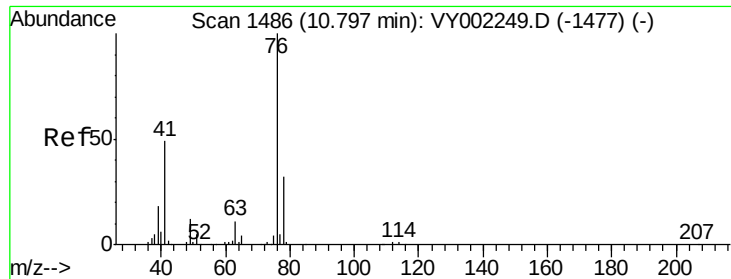
#56
 Ethyl methacrylate
 Concen: 53.689 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion:	69	Resp:	129120
Ion	Ratio	Lower	Upper
69	100		
41	50.3	47.9	71.9
39	24.5	23.8	35.6



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





#57

1,3-Dichloropropane

Concen: 53.194 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

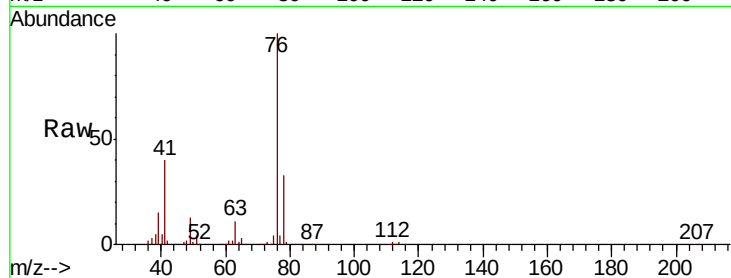
ClientSampleId :

Tot Ion: 76 Resp: 157548

Ion Ratio Lower Upper

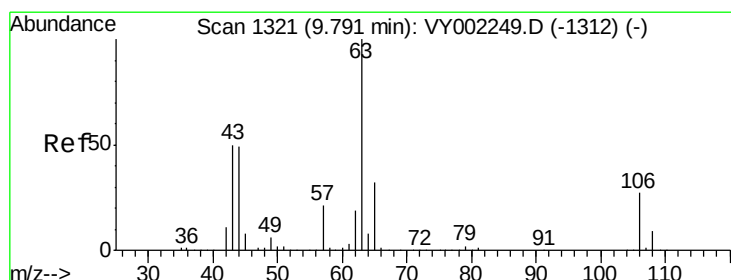
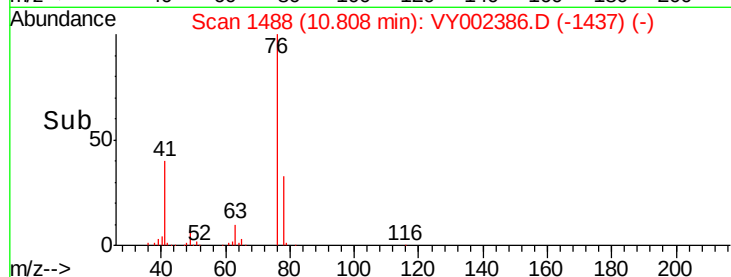
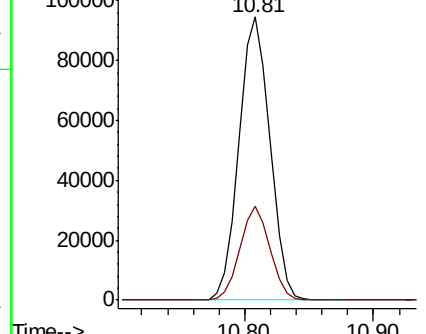
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 252.147 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002386.D

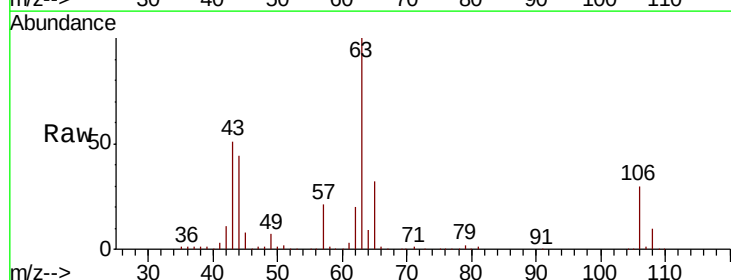
Acq: 17 Apr 2020 10:08

Tgt Ion: 63 Resp: 314026

Ion Ratio Lower Upper

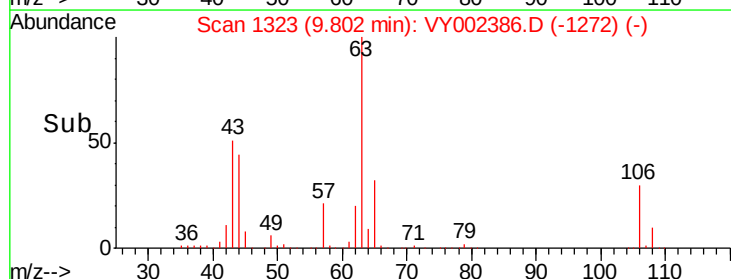
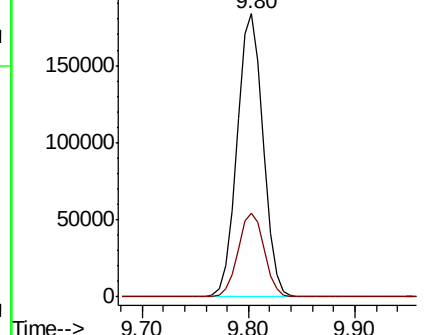
63 100

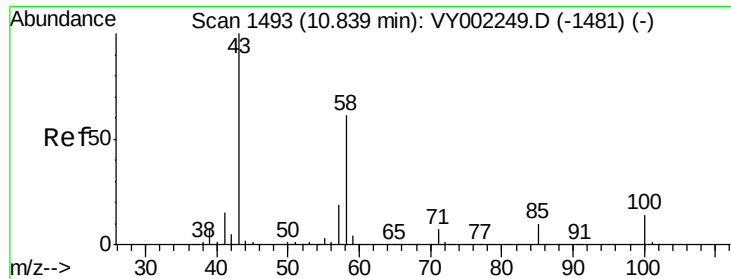
106 29.8 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

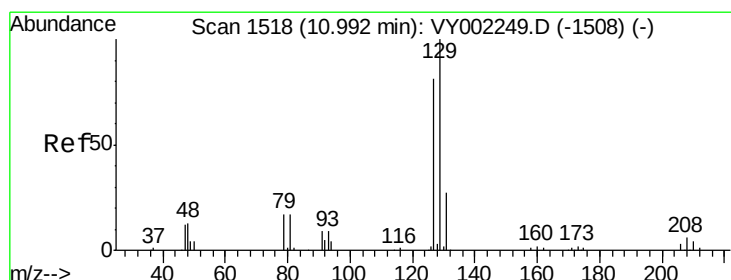
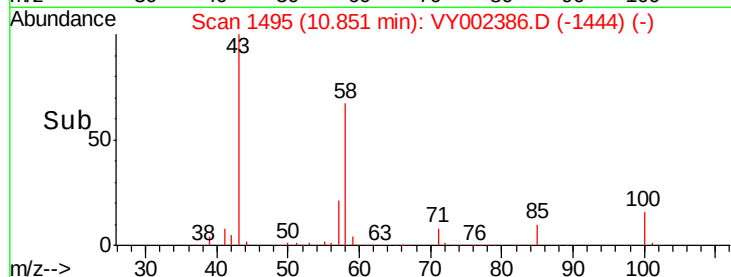
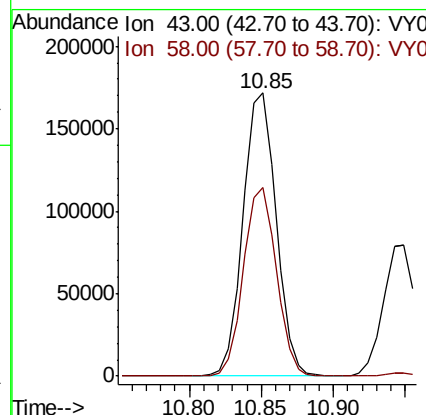
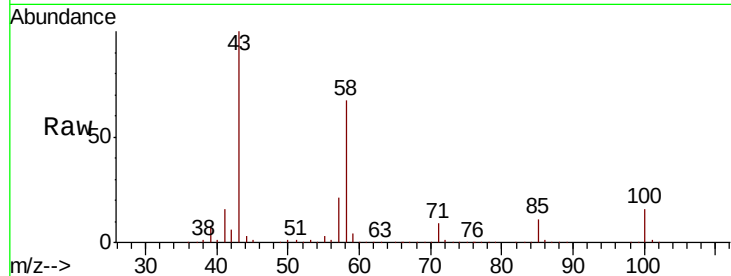




#59
2-Hexanone
Concen: 249.088 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

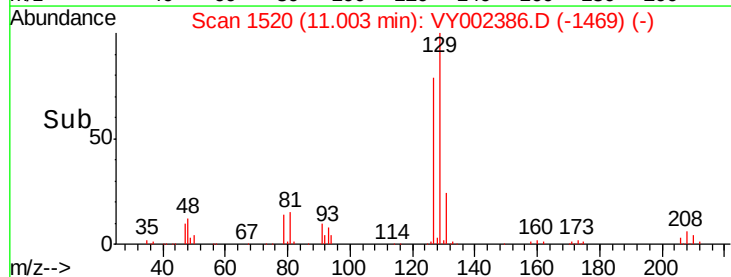
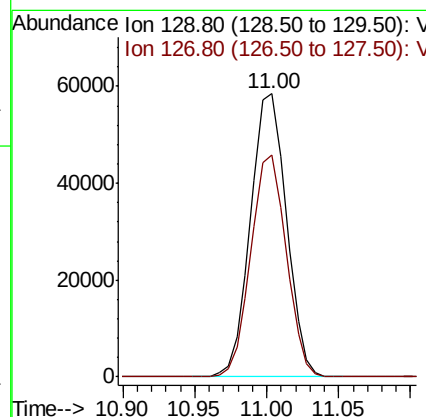
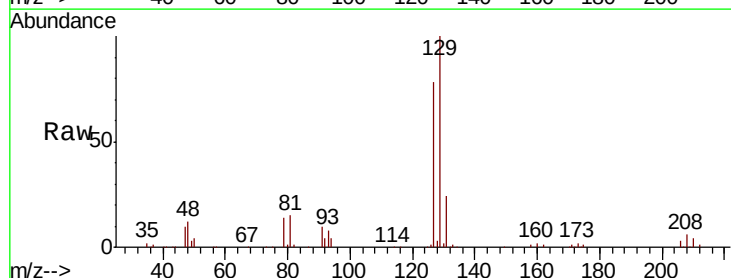
Instrument :
MSVOA_Y
ClientSampled :

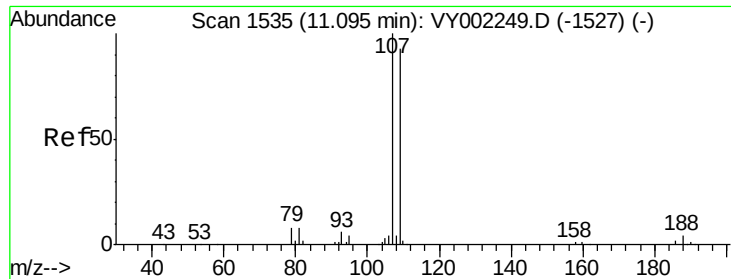
Tot Ion: 43 Resp: 274445
Ion Ratio Lower Upper
43 100
58 66.2 29.8 89.3



#60
Dibromochloromethane
Concen: 56.329 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 129 Resp: 101210
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

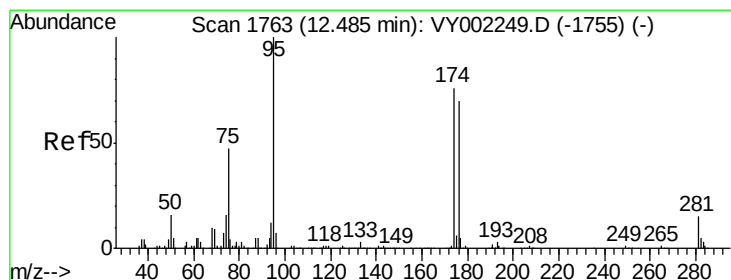
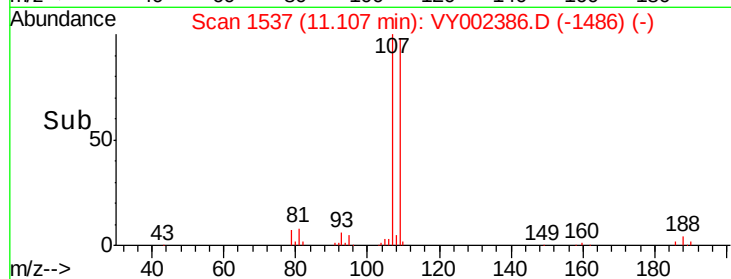
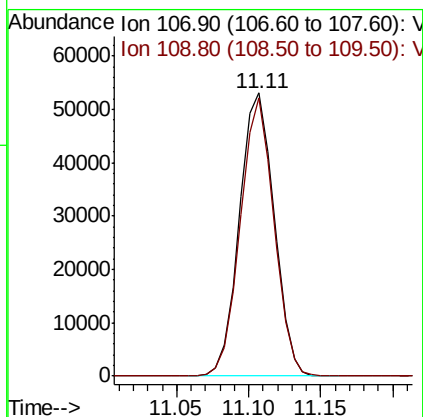
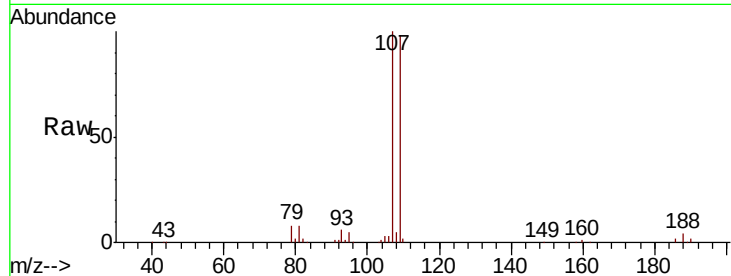




#61
 1,2-Dibromoethane
 Concen: 55.317 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

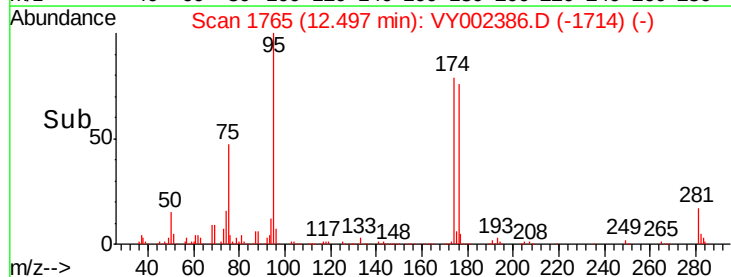
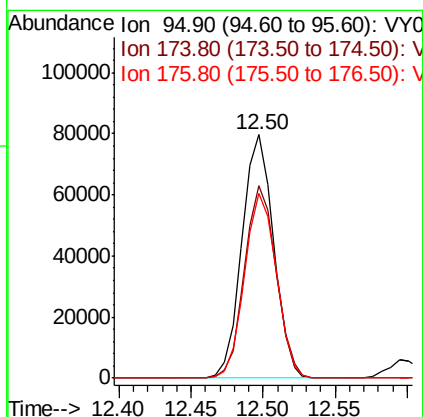
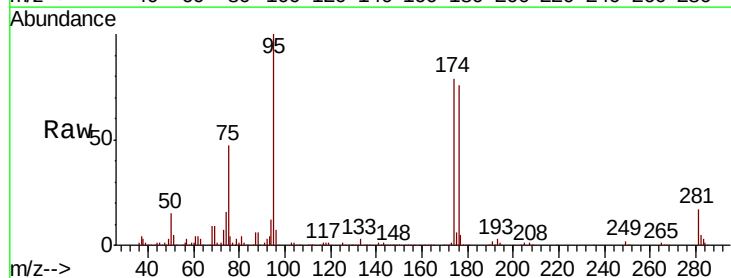
Instrument :
 MSVOA_Y
 ClientSampleId :

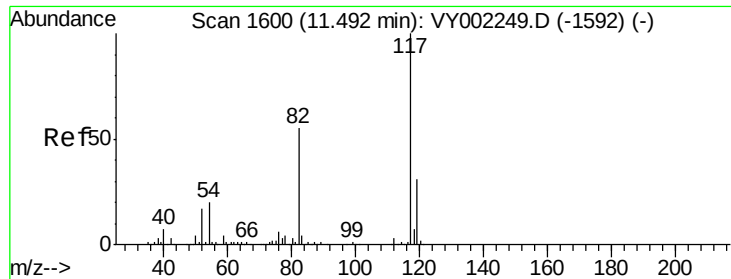
Tot Ion: 107 Resp: 88738
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.642 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion: 95 Resp: 121093
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 150.6
 176 76.2 0.0 141.4

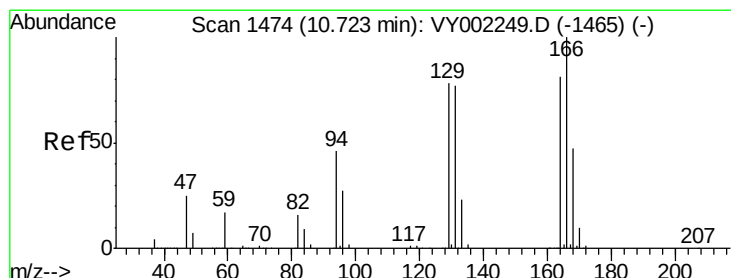
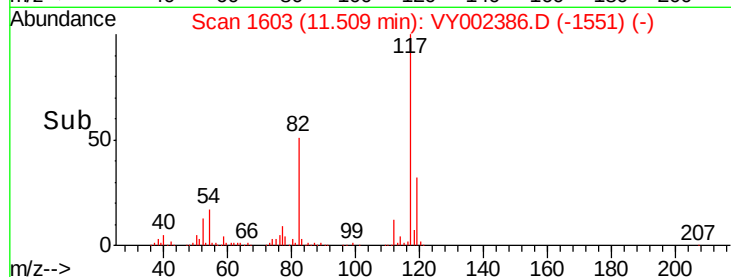
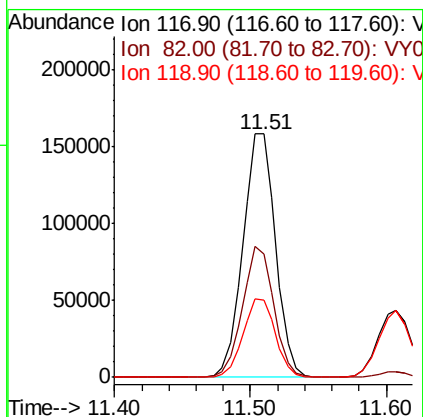
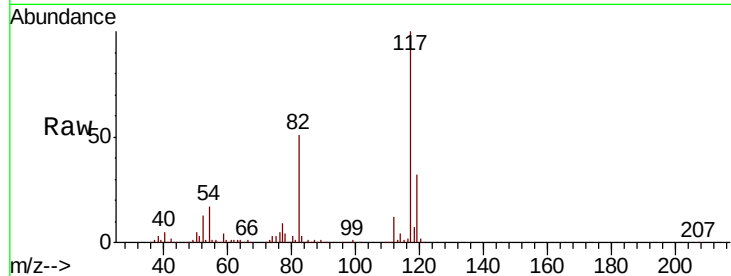




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

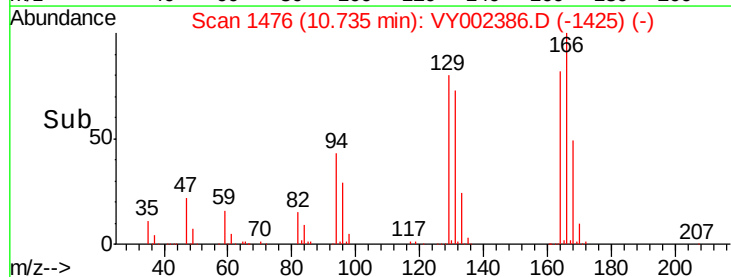
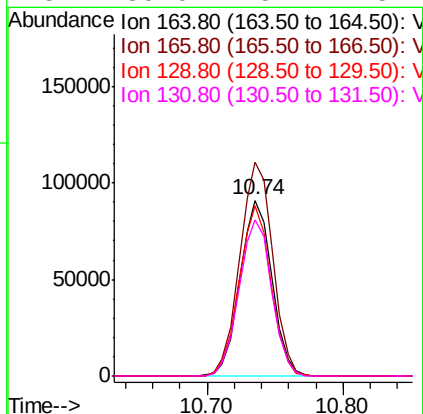
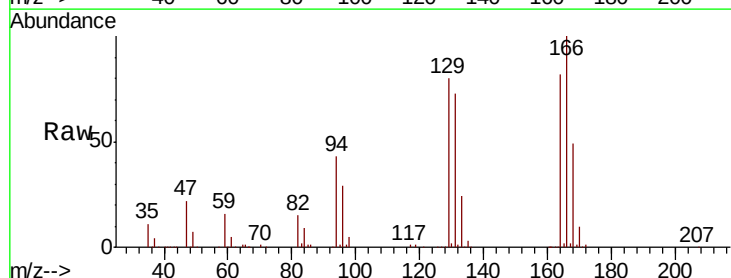
Instrument :
MSVOA_Y
ClientSampleId :

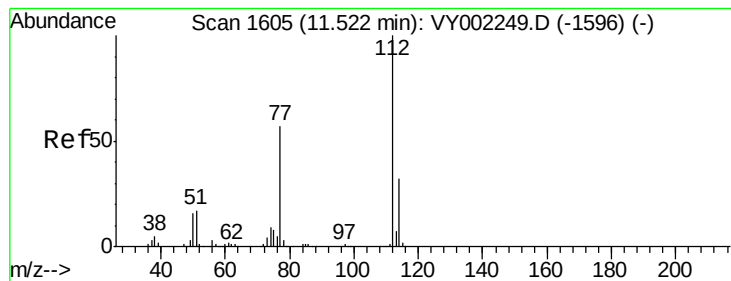
Tot Ion:117 Resp: 265252
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.4
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 55.514 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion:164 Resp: 148875
Ion Ratio Lower Upper
164 100
166 121.6 98.4 147.6
129 96.8 76.6 115.0
131 89.0 75.4 113.2





#65

Chlorobenzene

Concen: 55.298 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

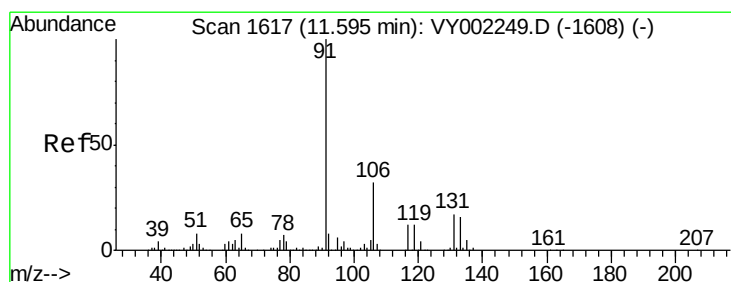
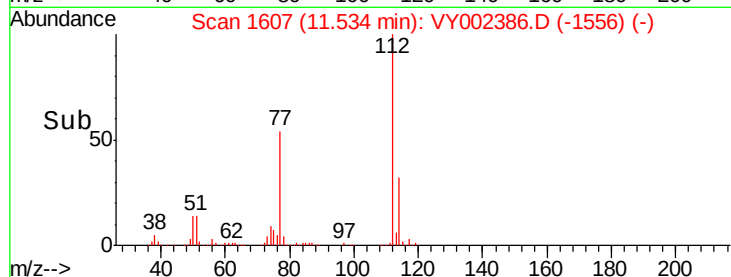
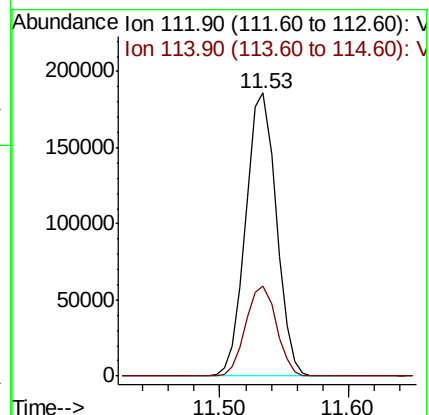
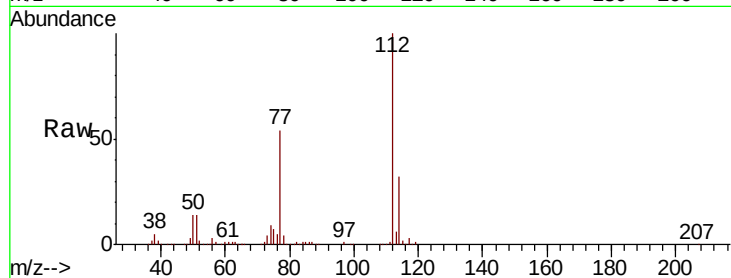
ClientSampleId :

Tot Ion:112 Resp: 304902

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 55.797 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

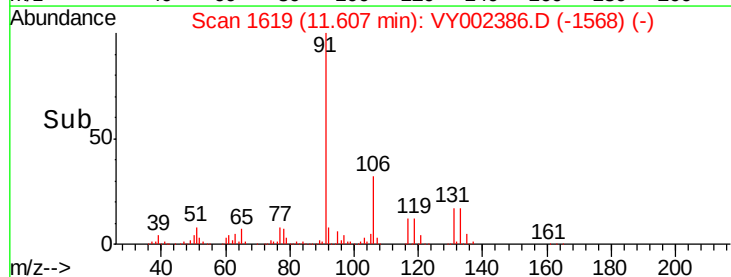
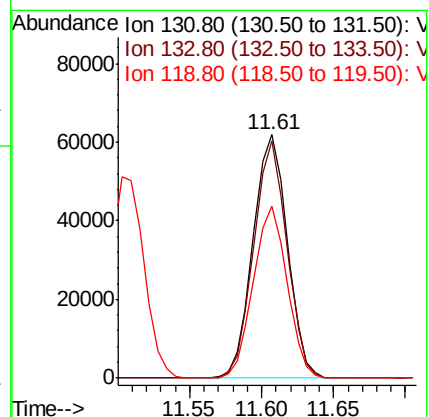
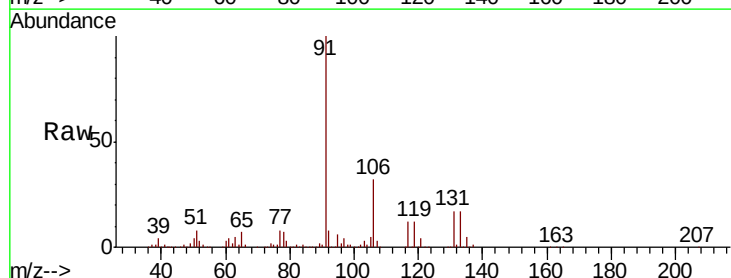
Tgt Ion:131 Resp: 101575

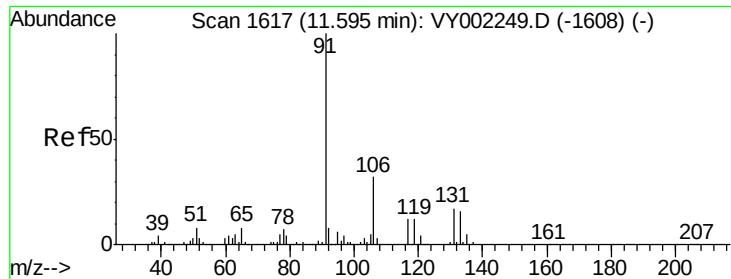
Ion Ratio Lower Upper

131 100

133 94.9 46.5 139.3

119 69.7 34.5 103.6

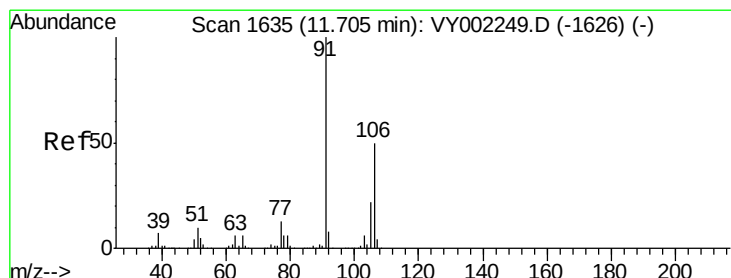
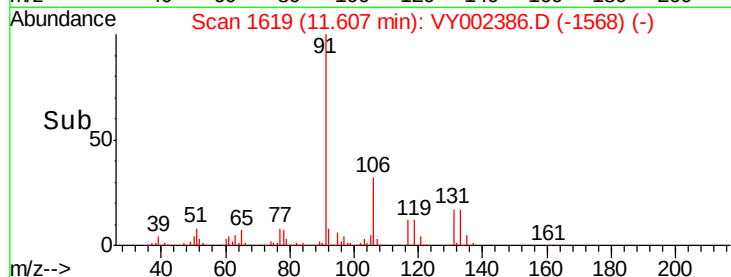
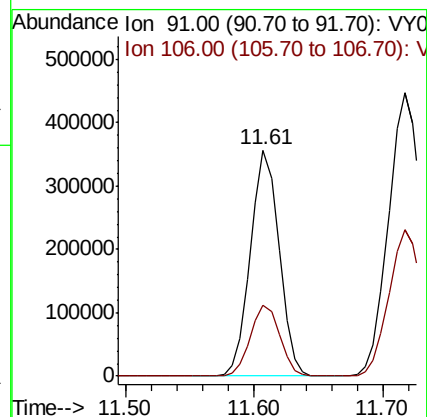
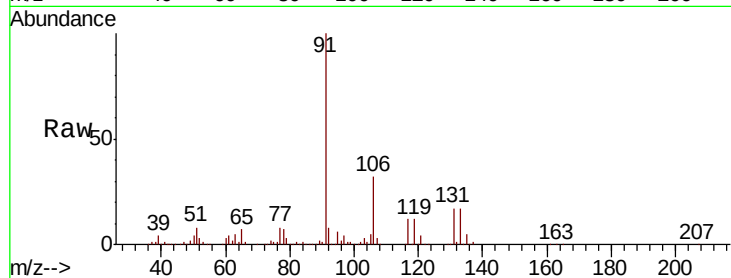




#67
Ethyl Benzene
Concen: 54.332 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

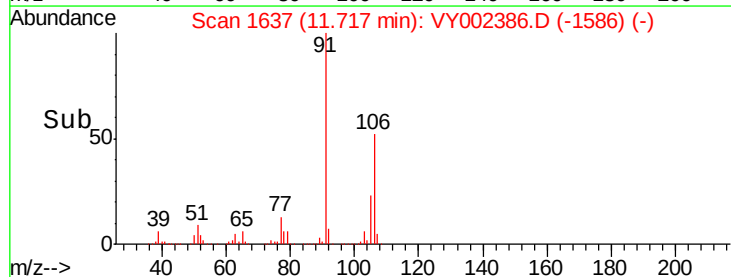
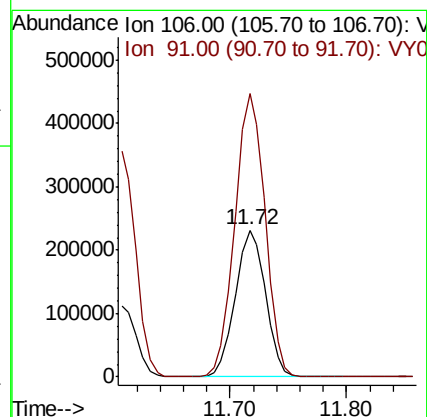
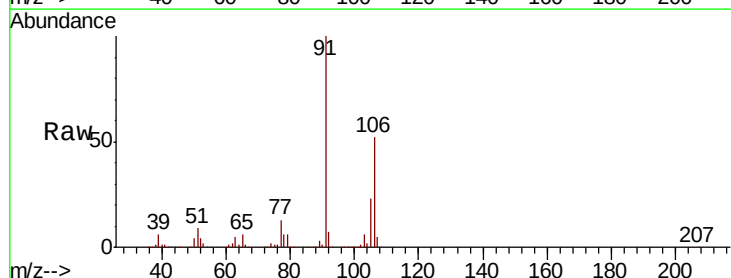
Instrument :
MSVOA_Y
ClientSampled :

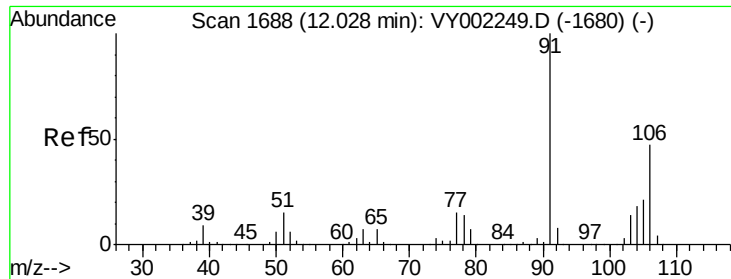
Tot Ion: 91 Resp: 548430
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 110.608 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 106 Resp: 418173
Ion Ratio Lower Upper
106 100
91 192.9 159.8 239.6

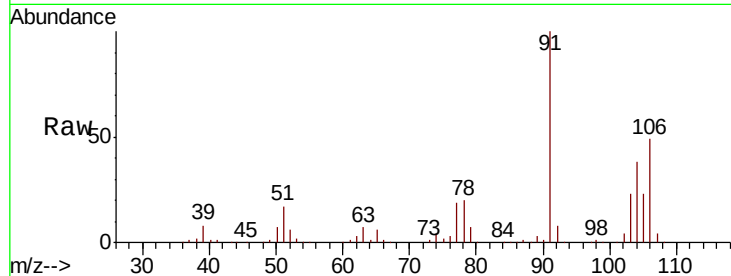




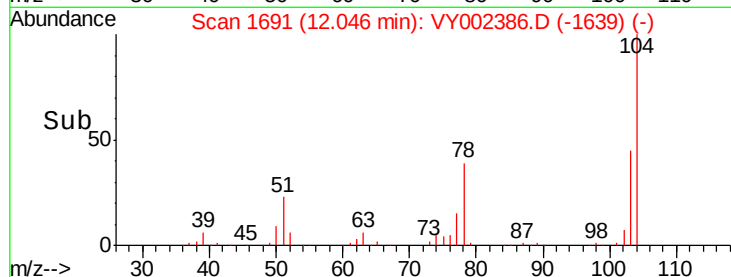
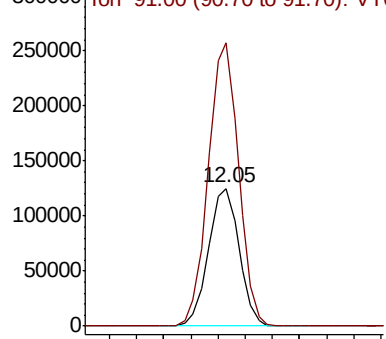
#69
o-Xylene
Concen: 55.170 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.02 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 195821
Ion Ratio Lower Upper
106 100
91 203.9 105.8 317.3

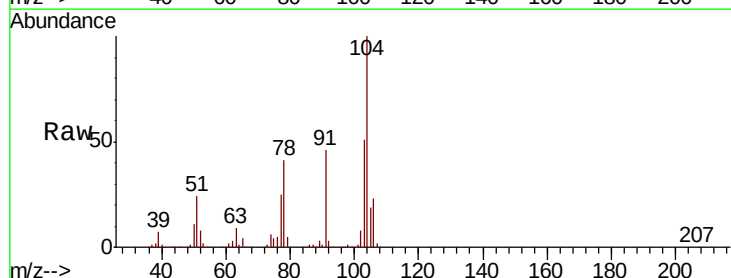
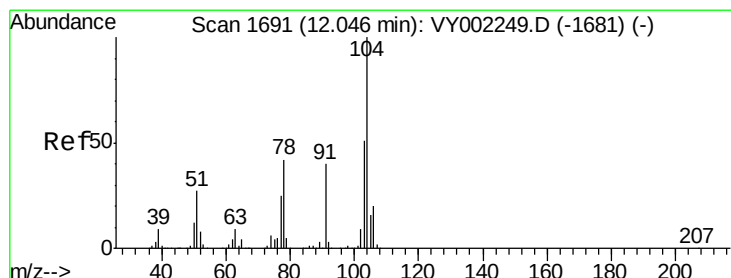


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

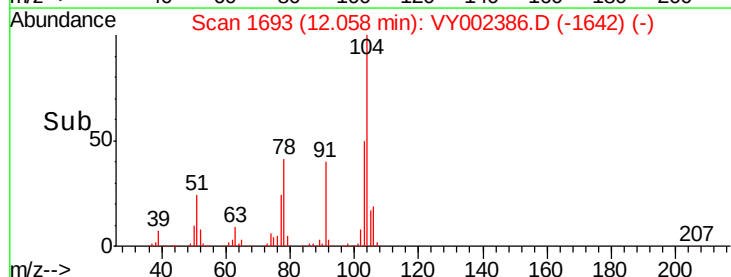
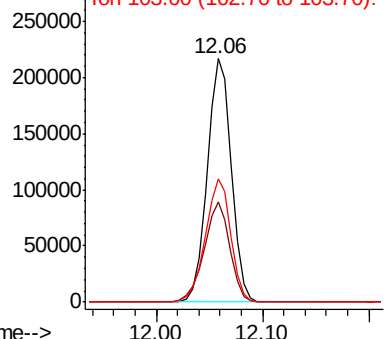


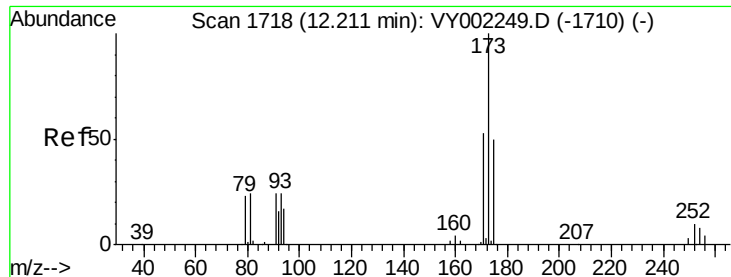
#70
Styrene
Concen: 55.665 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion:104 Resp: 342787
Ion Ratio Lower Upper
104 100
78 43.8 37.2 55.8
103 53.3 43.4 65.0



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





#71

Bromoform

Concen: 58.277 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampled :

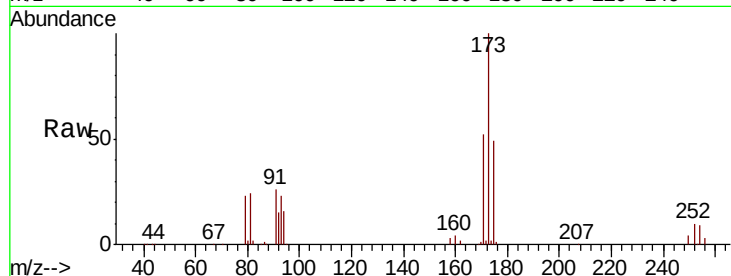
Tot Ion:173 Resp: 57693

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

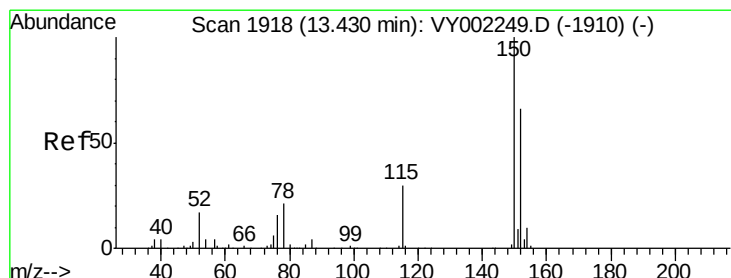
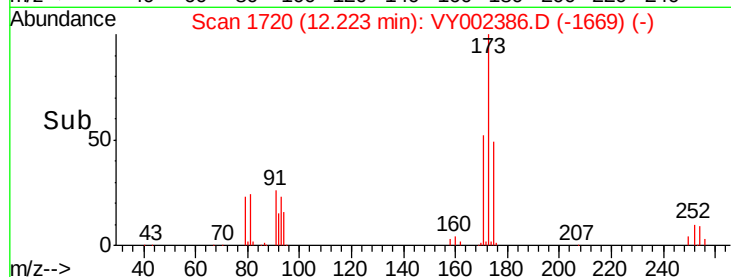
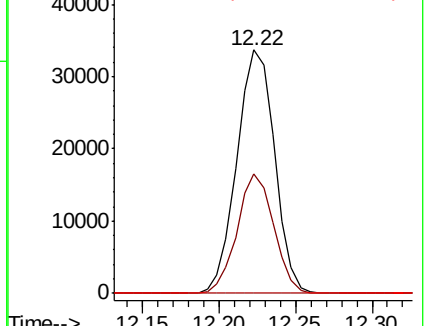
254 0.0 0.0 0.0



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# 1920

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

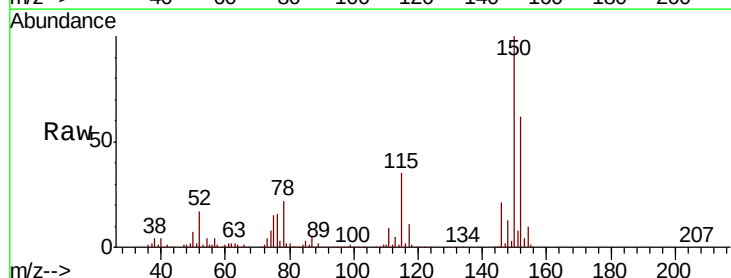
Tgt Ion:152 Resp: 117323

Ion Ratio Lower Upper

152 100

115 57.4 30.7 92.1

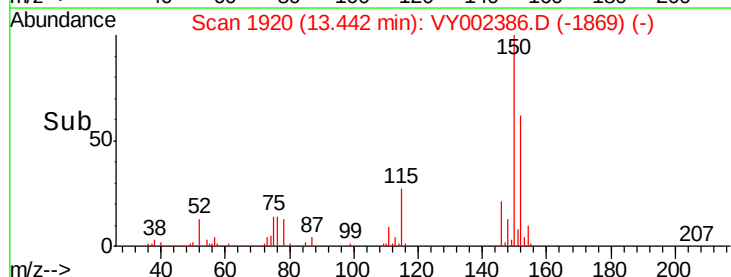
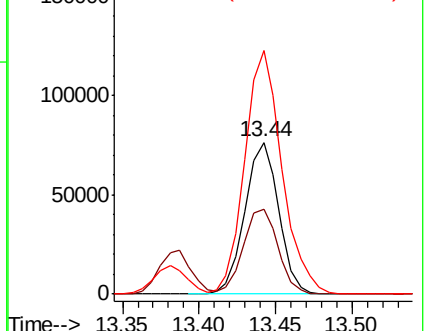
150 177.4 0.0 350.6

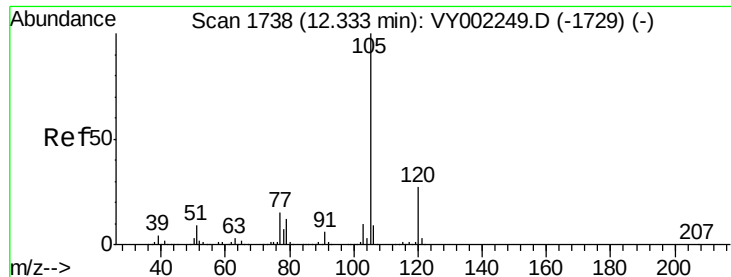


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

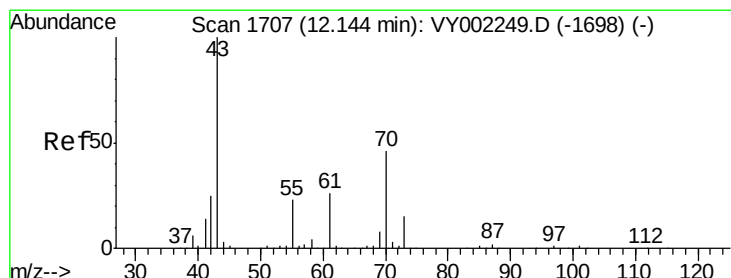
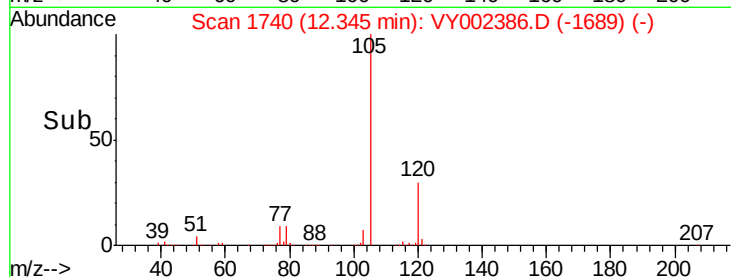
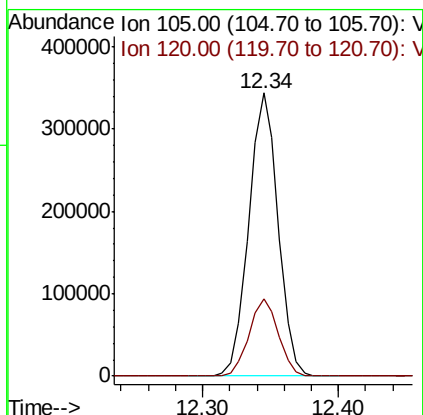
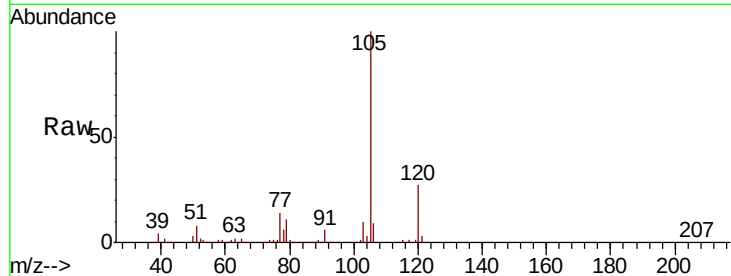




#73
Isopropylbenzene
Concen: 56.155 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

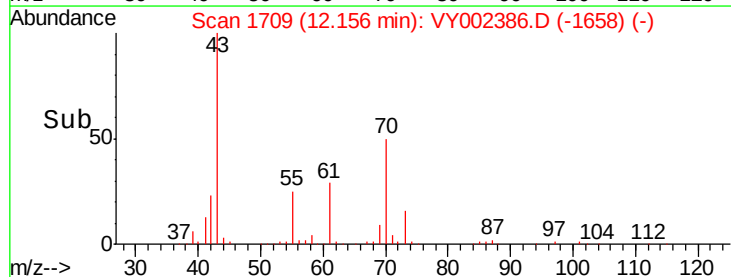
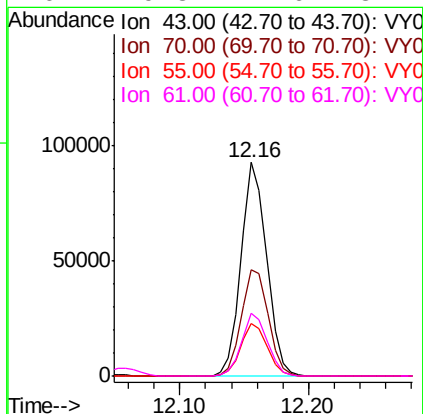
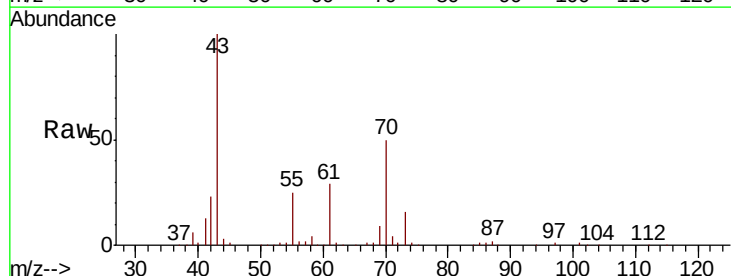
Instrument :
MSVOA_Y
ClientSampleId :

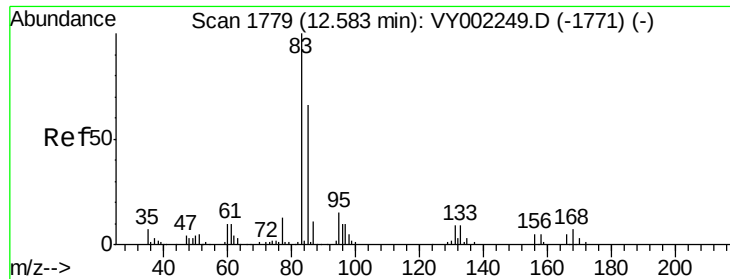
Tot Ion:105 Resp: 517586
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8



#74
N-ethyl acetate
Concen: 48.653 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 43 Resp: 127294
Ion Ratio Lower Upper
43 100
70 52.3 37.5 56.3
55 25.5 19.0 28.6
61 29.3 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 62.806 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.02 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

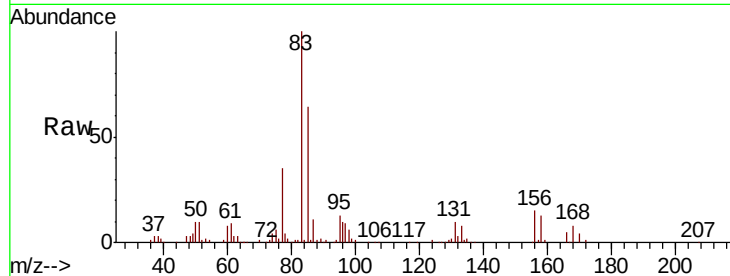
Tot Ion: 83 Resp: 70038

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

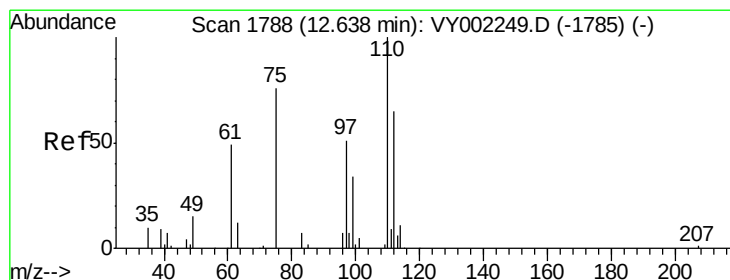
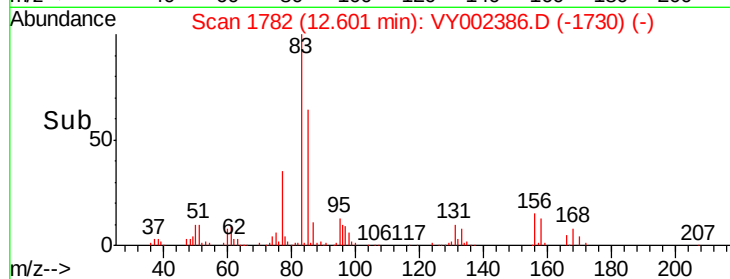
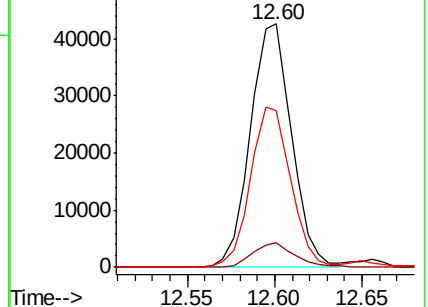
85 64.2 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY002249.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 97.619 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002386.D

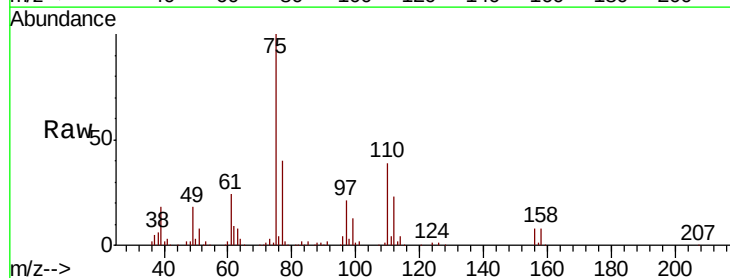
Acq: 17 Apr 2020 10:08

Tgt Ion: 75 Resp: 132994

Ion Ratio Lower Upper

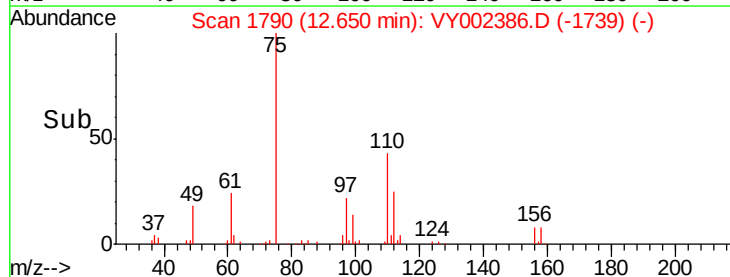
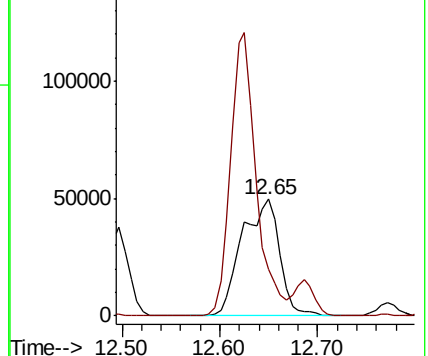
75 100

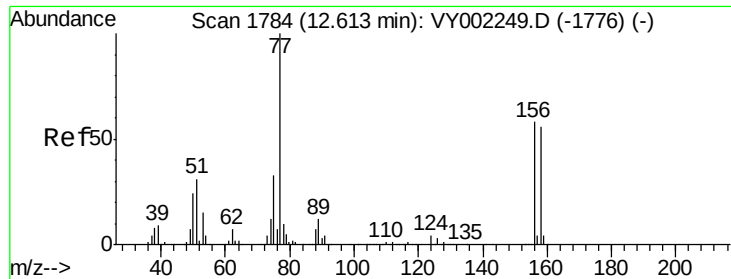
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY002249.D (-1785) (-)





#77

Bromobenzene

Concen: 57.225 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampled :

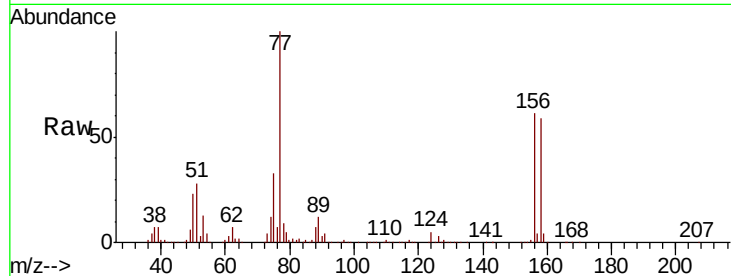
Tot Ion:156 Resp: 116042

Ion Ratio Lower Upper

156 100

77 188.9 101.3 303.9

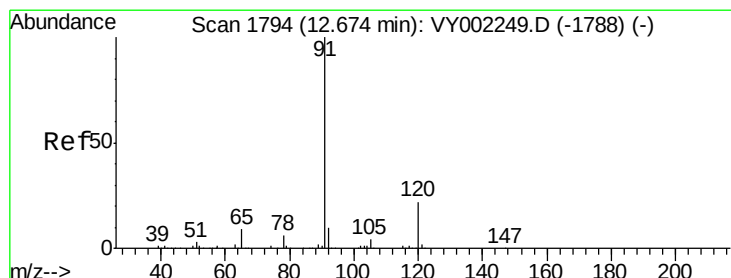
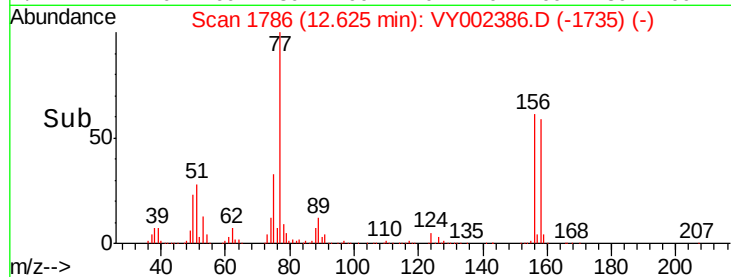
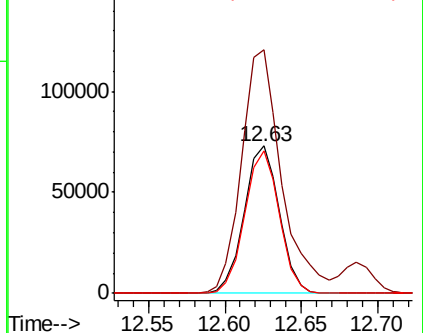
158 95.4 48.3 144.8



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: 54.824 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002386.D

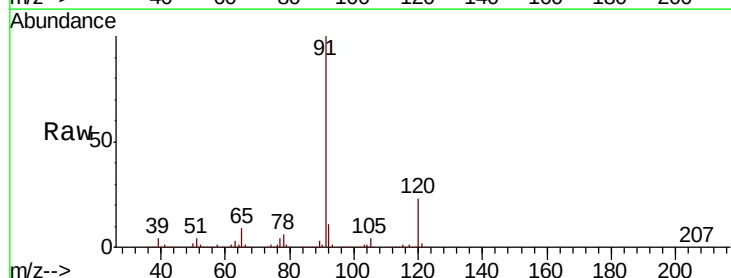
Acq: 17 Apr 2020 10:08

Tgt Ion: 91 Resp: 628460

Ion Ratio Lower Upper

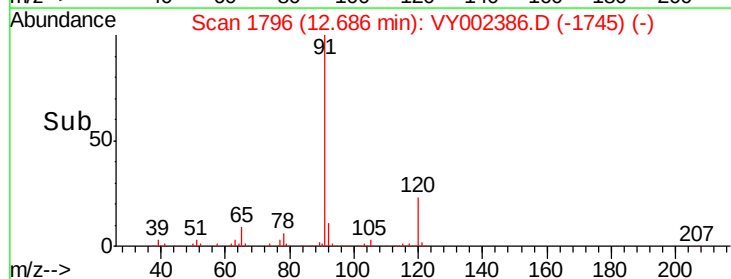
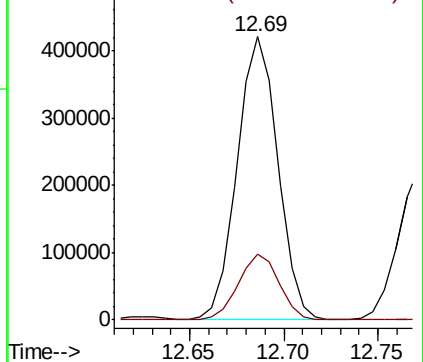
91 100

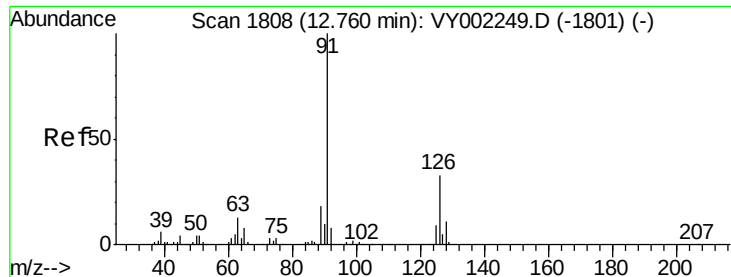
120 23.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.382 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

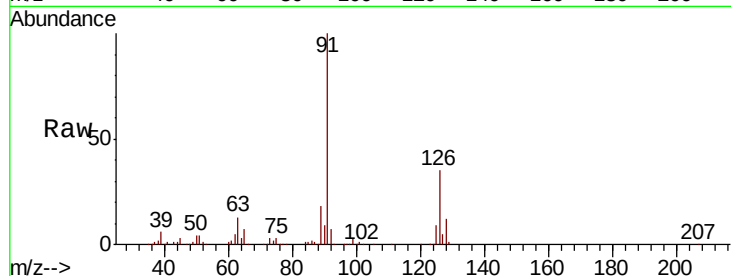
ClientSampled :

Tot Ion: 91 Resp: 338782

Ion Ratio Lower Upper

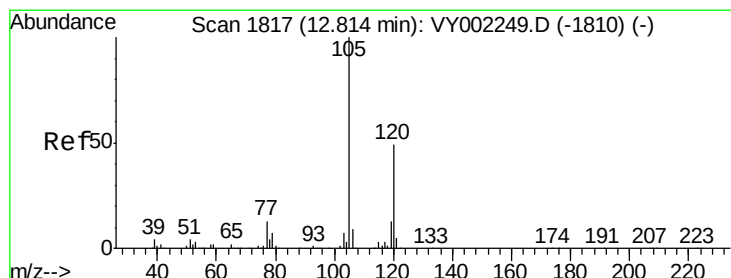
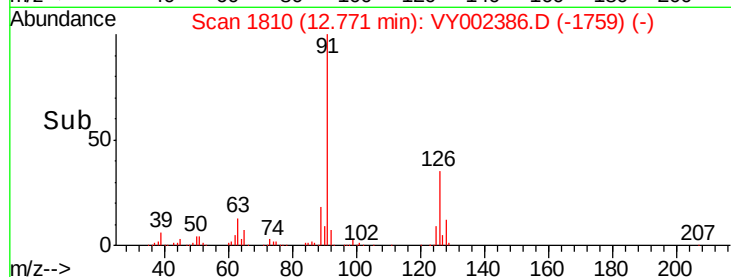
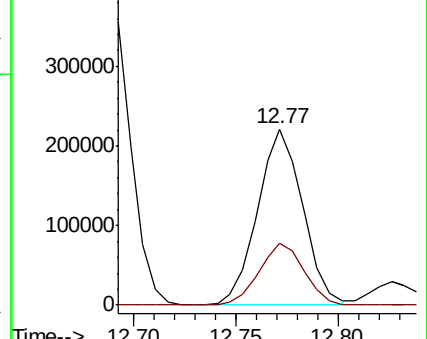
91 100

126 35.3 16.9 50.7



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

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.475 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002386.D

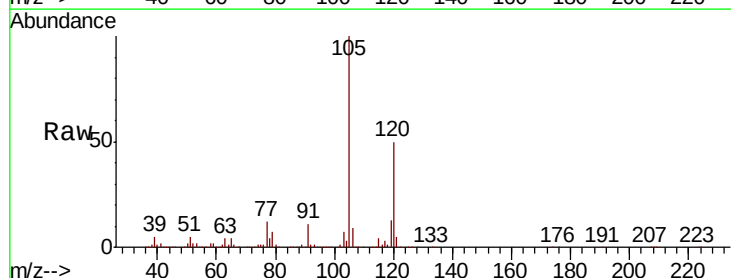
Acq: 17 Apr 2020 10:08

Tgt Ion:105 Resp: 422872

Ion Ratio Lower Upper

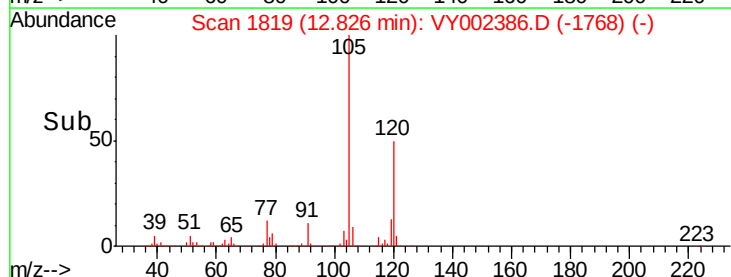
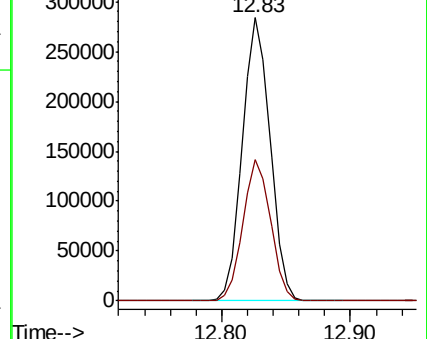
105 100

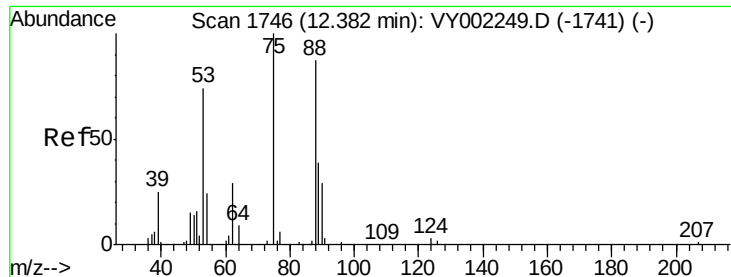
120 49.8 24.7 74.1



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

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.315 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

ClientSampleId :

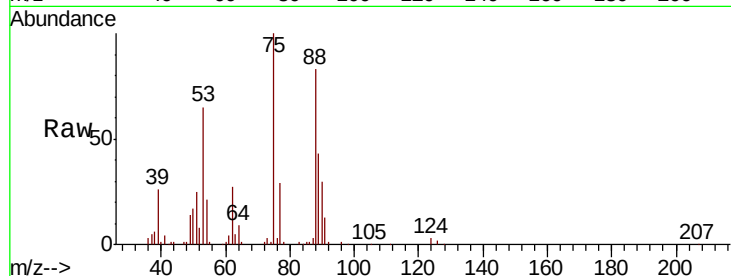
Tot Ion: 75 Resp: 39446

Ion Ratio Lower Upper

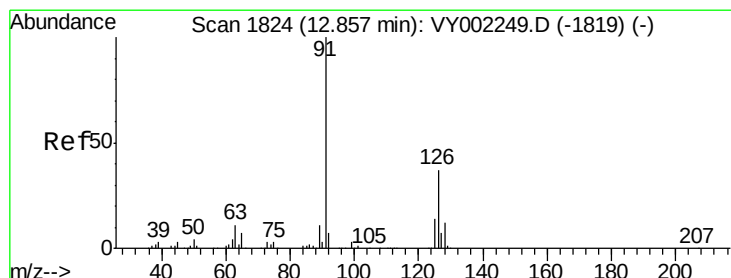
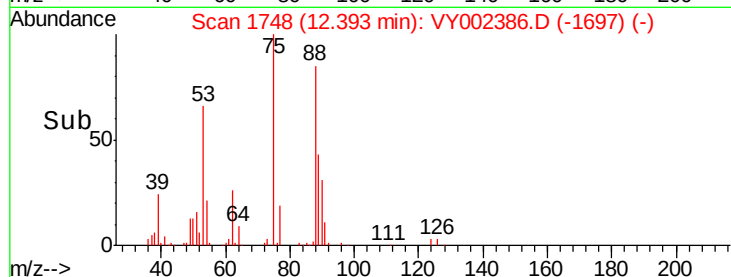
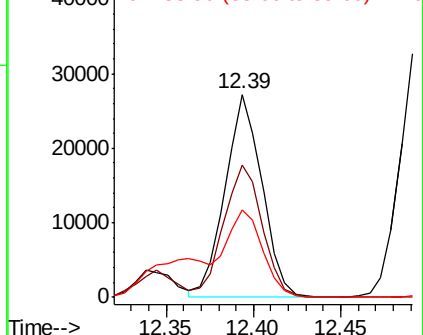
75 100

53 69.2 59.8 89.8

89 43.2 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: 52.852 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002386.D

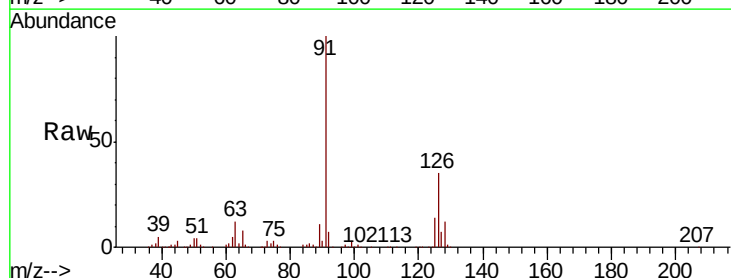
Acq: 17 Apr 2020 10:08

Tgt Ion: 91 Resp: 345092

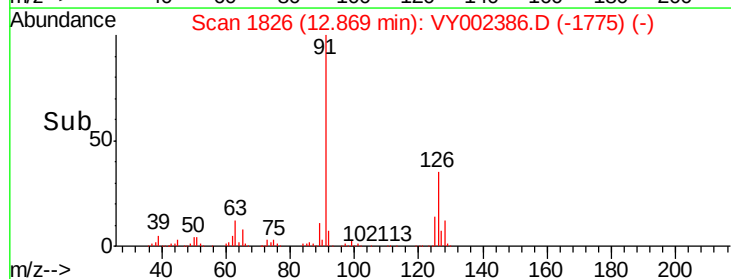
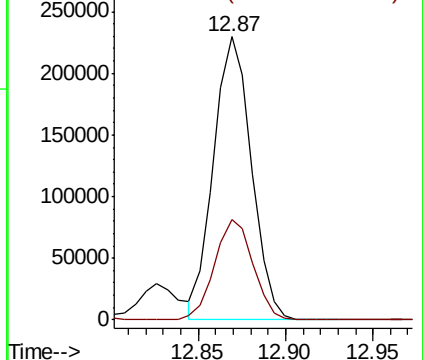
Ion Ratio Lower Upper

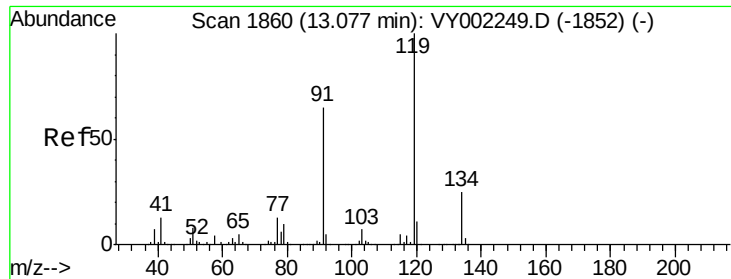
91 100

126 36.0 16.9 50.7



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

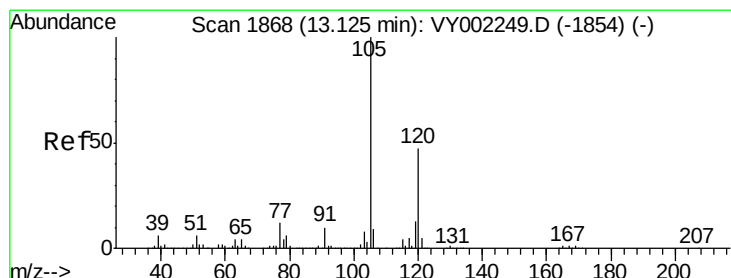
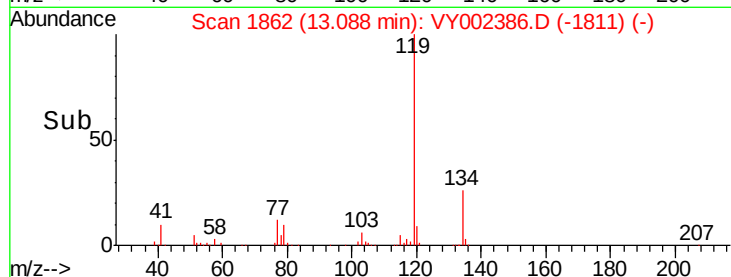
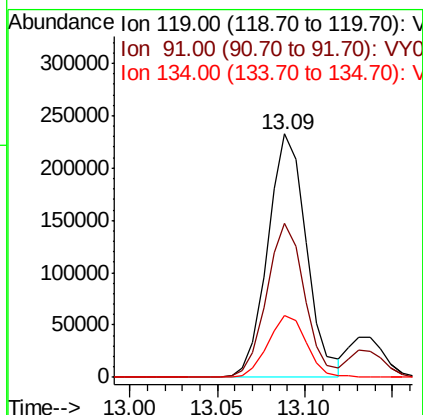
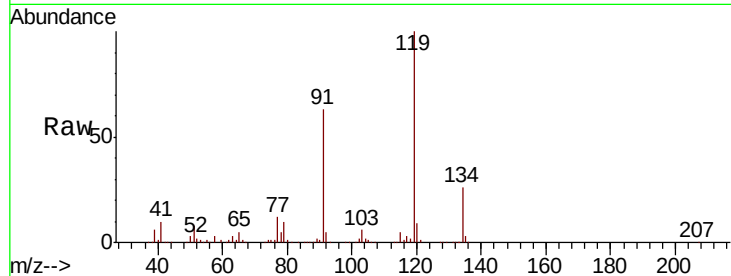




#83
 tert-Butylbenzene
 Concen: 56.096 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

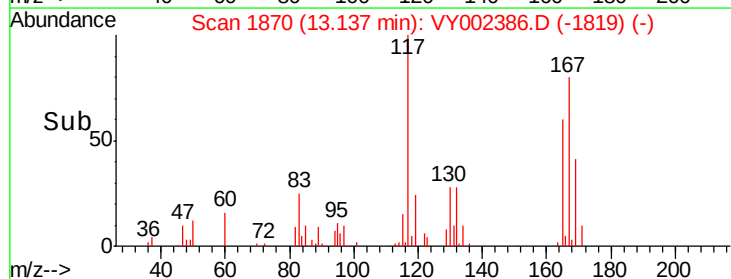
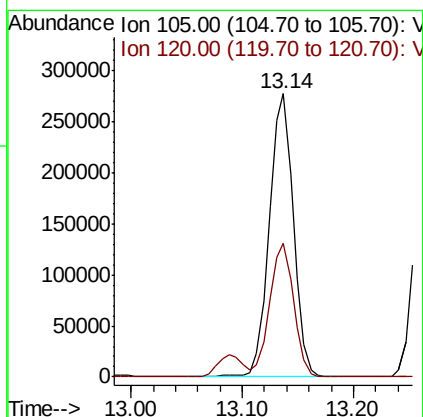
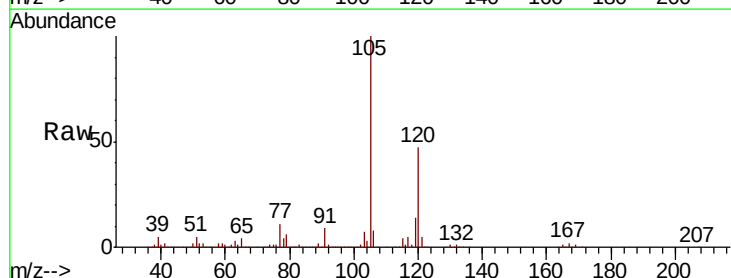
Instrument :
 MSVOA_Y
 ClientSampleId :

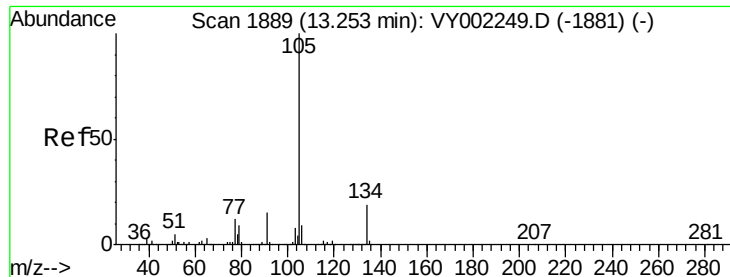
Tot Ion:119 Resp: 358171
 Ion Ratio Lower Upper
 119 100
 91 62.5 32.4 97.0
 134 25.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.923 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion:105 Resp: 418068
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 55.273 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

Instrument :

MSVOA_Y

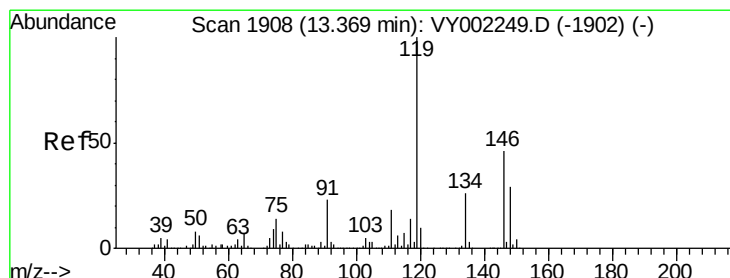
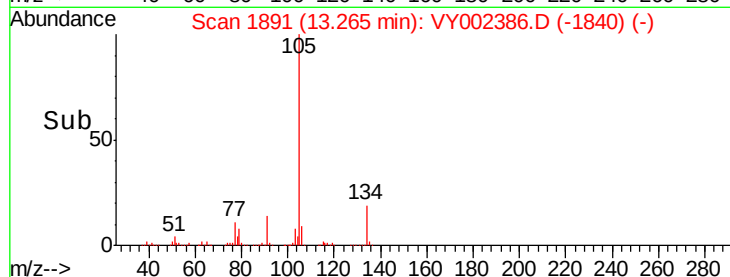
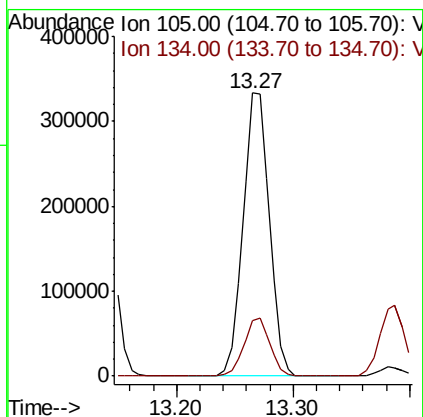
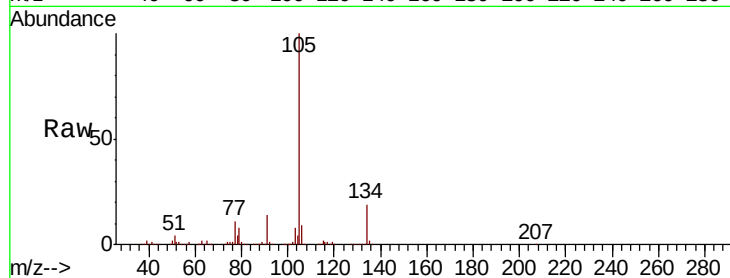
ClientSampleId :

Tot Ion:105 Resp: 525733

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.567 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.02 min

Lab File: VY002386.D

Acq: 17 Apr 2020 10:08

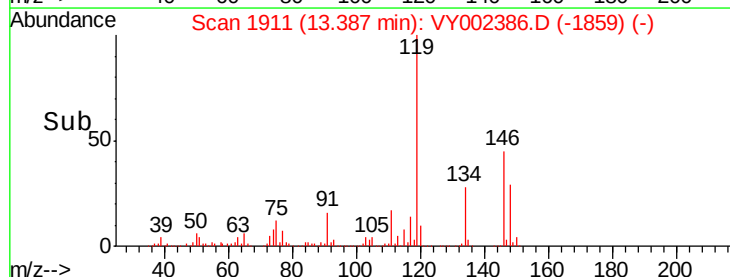
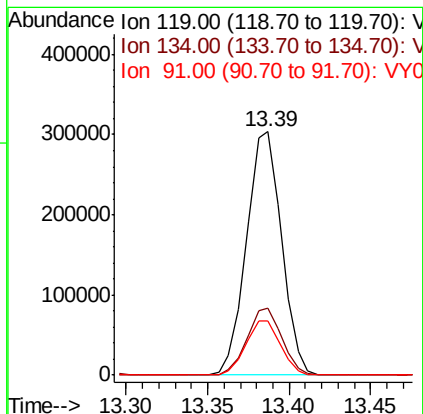
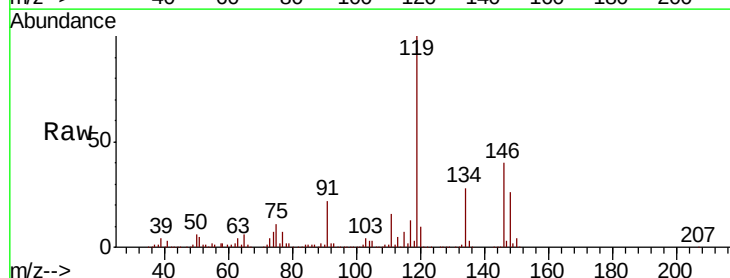
Tgt Ion:119 Resp: 454893

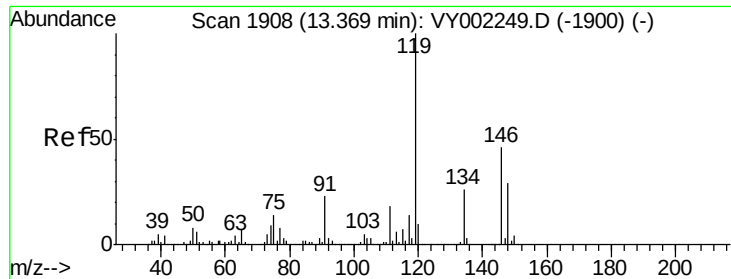
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 22.1 11.5 34.4

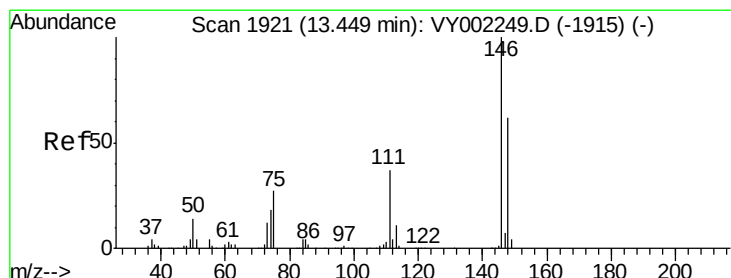
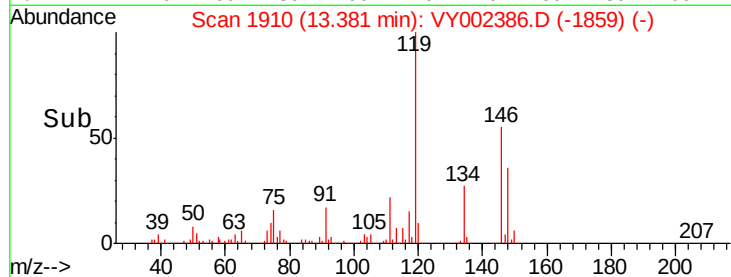
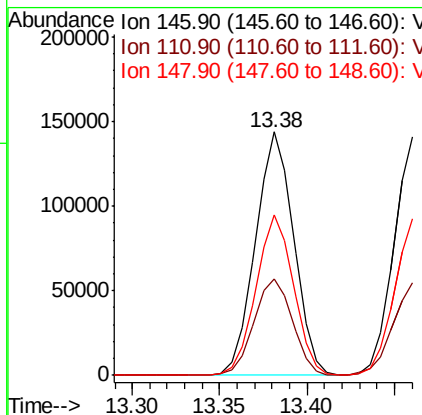
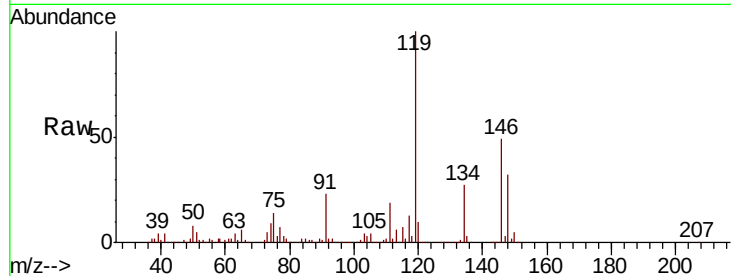




#87
 1,3-Dichlorobenzene
 Concen: 55.688 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

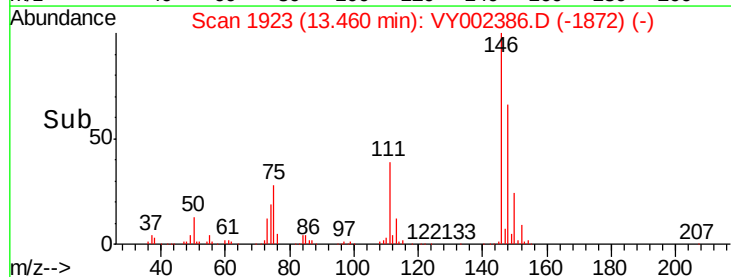
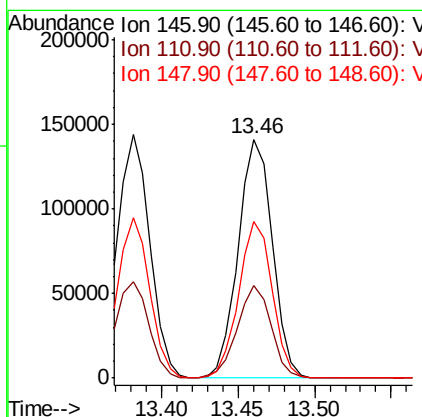
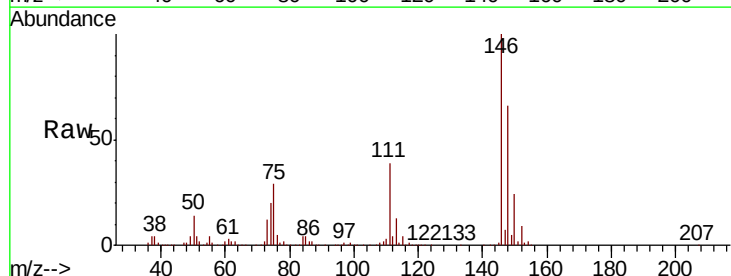
Instrument :
 MSVOA_Y
 ClientSampleId :

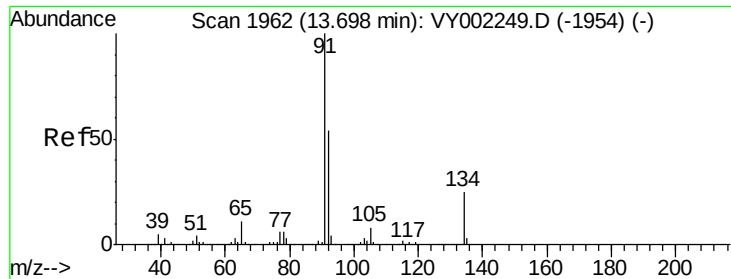
Tot Ion:146 Resp: 218853
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 55.017 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion:146 Resp: 219478
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.6 58.8
 148 64.2 32.0 96.0

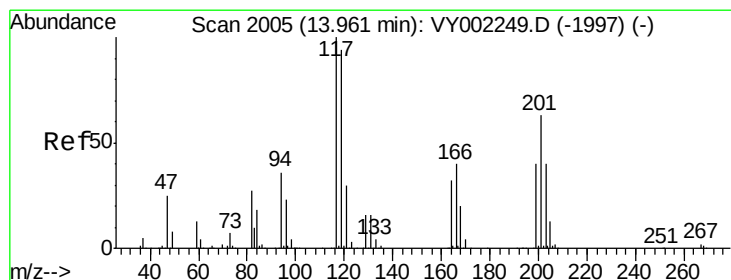
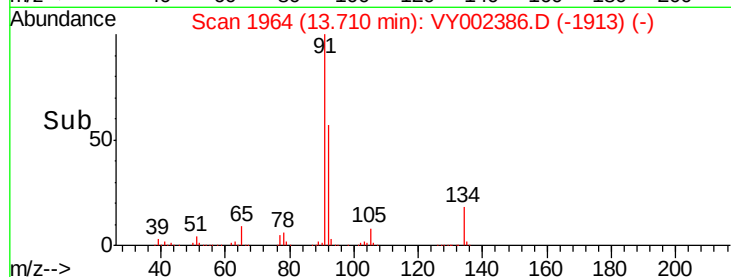
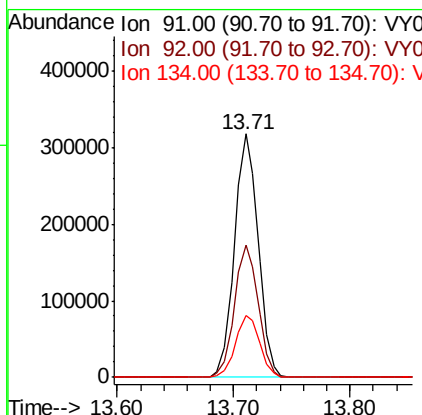
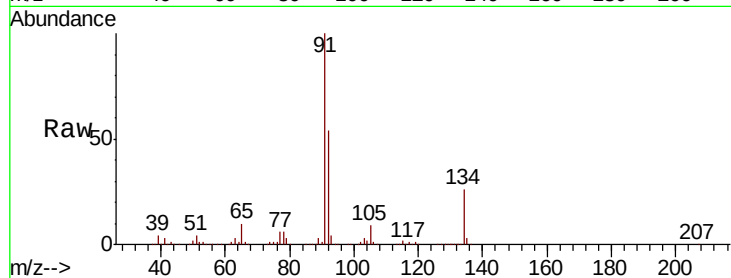




#89
n-Butylbenzene
Concen: 53.813 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

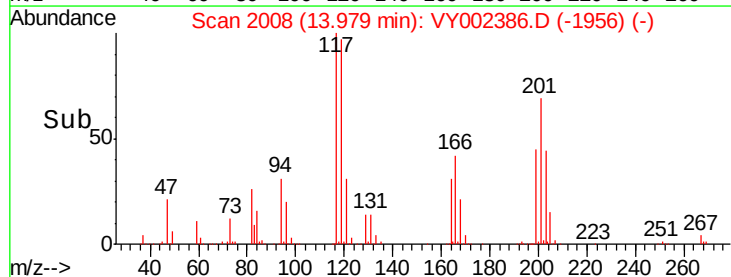
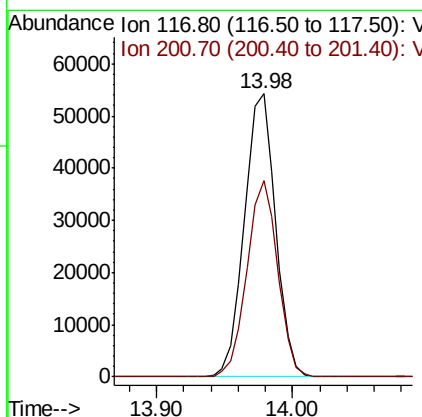
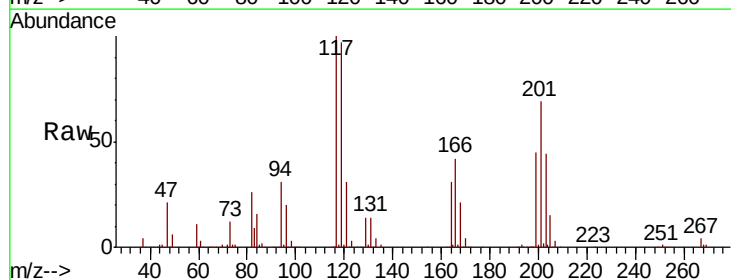
Instrument :
MSVOA_Y
ClientSampleId :

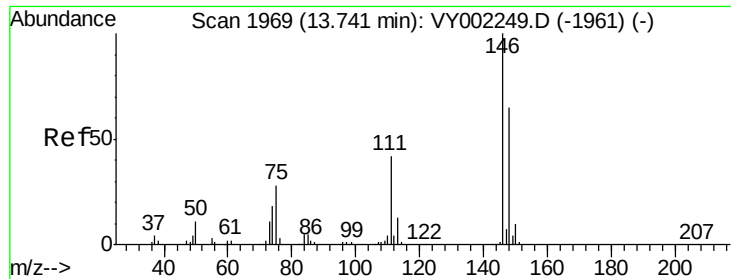
Tot Ion: 91 Resp: 451551
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 26.1 12.7 38.0



#90
Hexachloroethane
Concen: 55.867 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.02 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion: 117 Resp: 87151
Ion Ratio Lower Upper
117 100
201 68.4 33.1 99.2

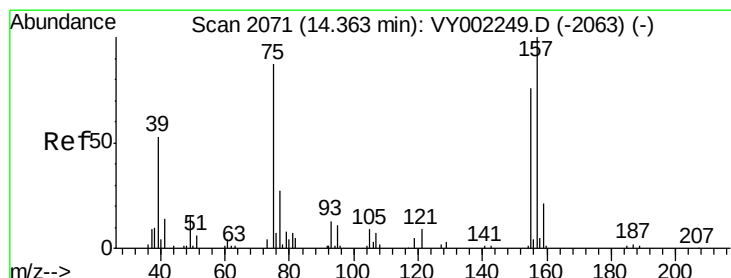
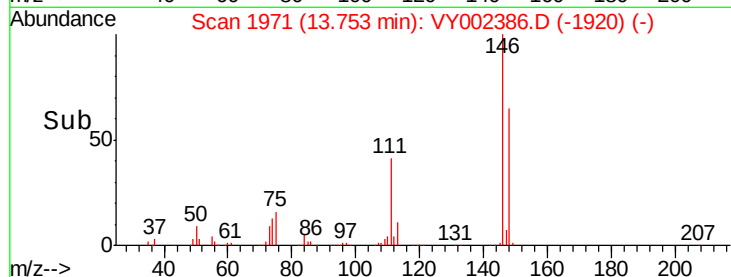
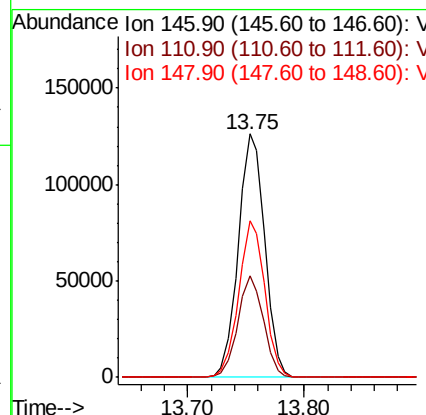
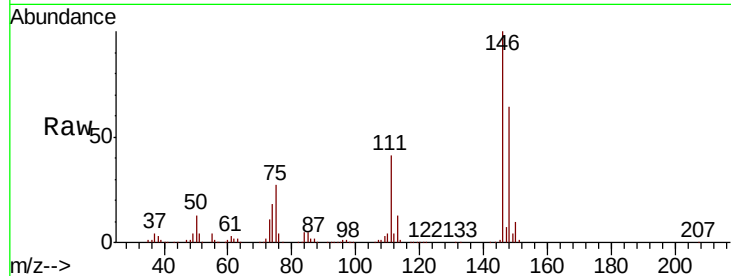




#91
 1,2-Dichlorobenzene
 Concen: 55.847 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

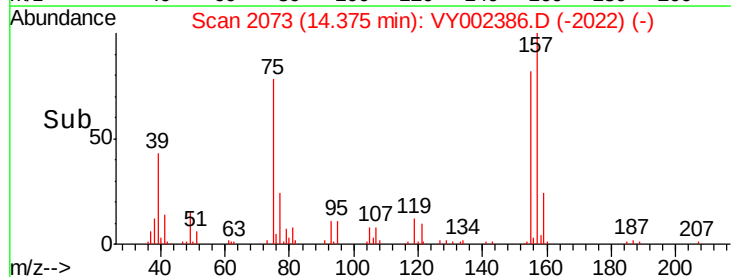
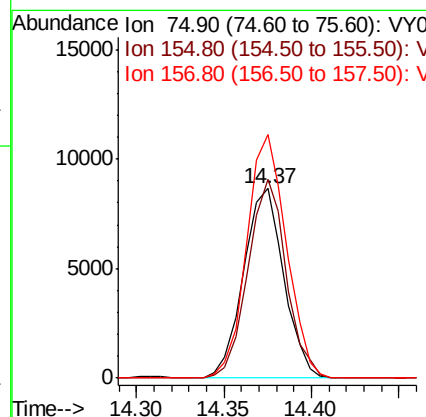
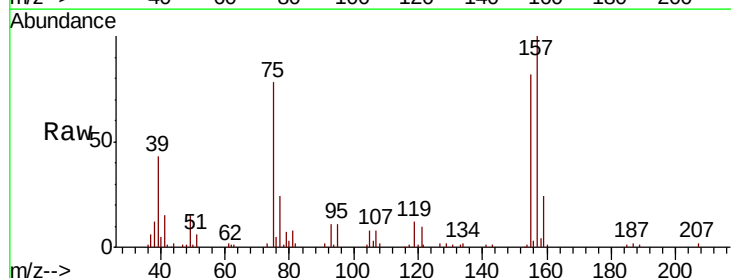
Instrument :
 MSVOA_Y
 ClientSampleId :

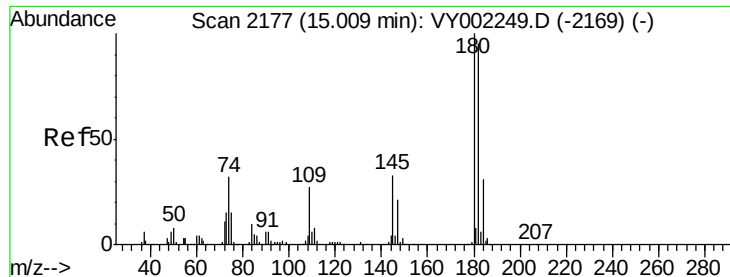
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.1
148	63.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.290 ug/l
 RT: 14.37 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	43.6	130.8
157	126.7	56.0	168.2

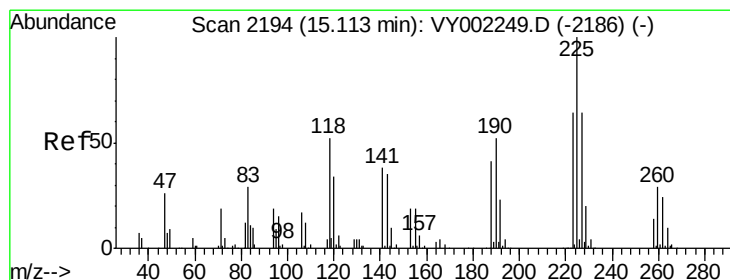
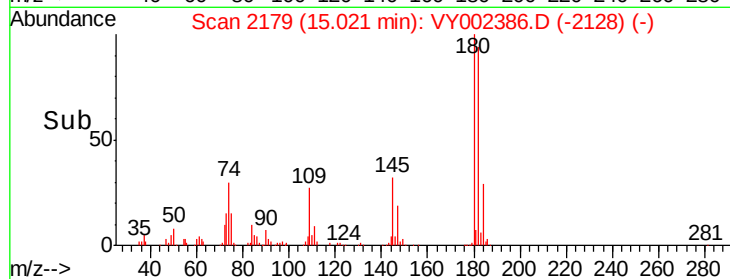
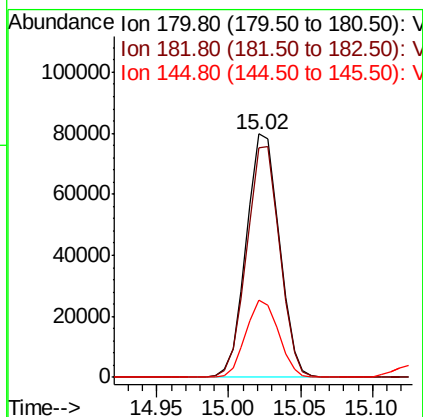
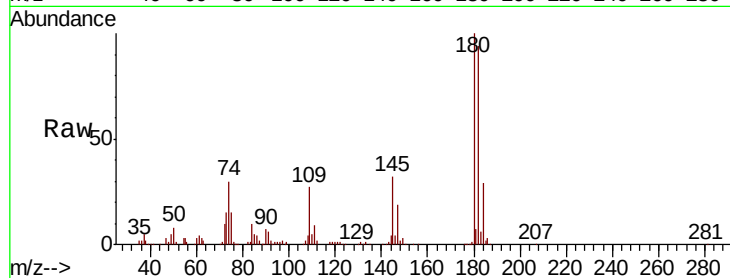




#93
 1,2,4-Trichlorobenzene
 Concen: 54.137 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

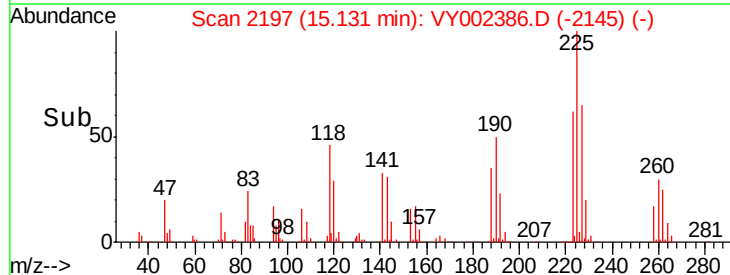
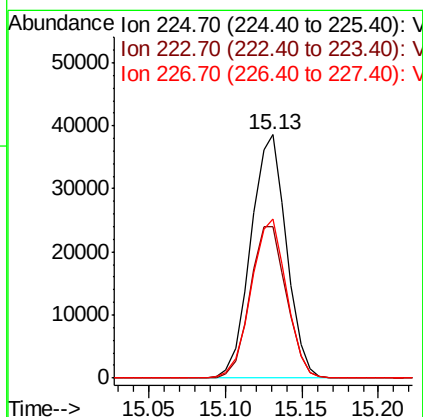
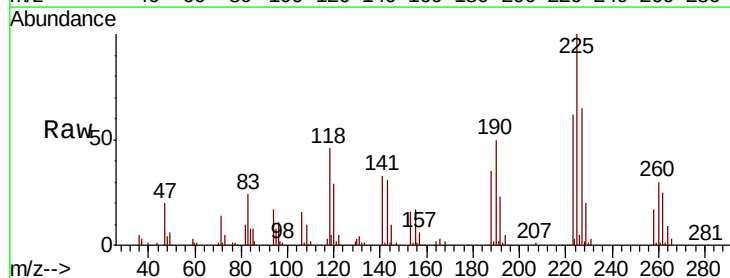
Instrument :
 MSVOA_Y
 ClientSampleId :

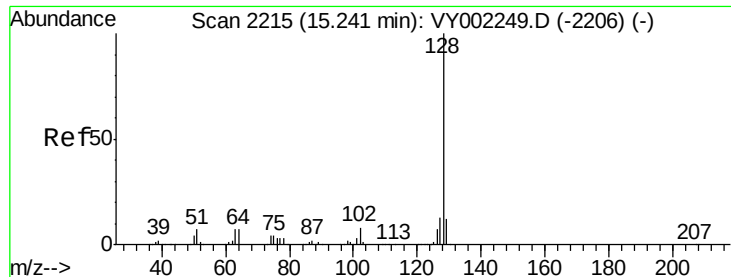
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	31.4	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 53.158 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.02 min
 Lab File: VY002386.D
 Acq: 17 Apr 2020 10:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.0	93.0
227	64.9	31.3	93.9

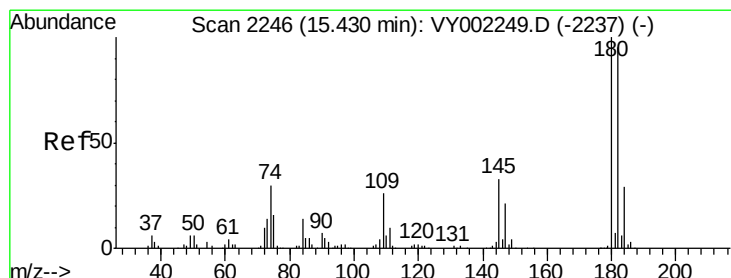
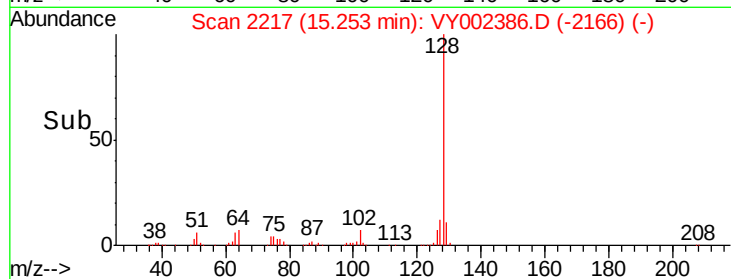
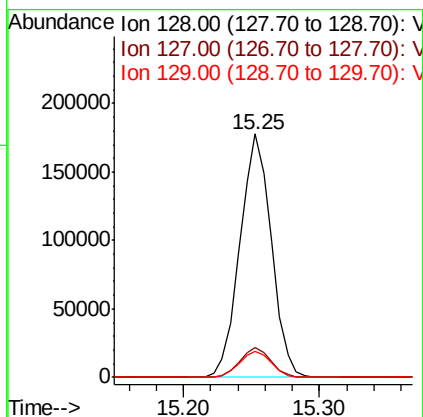
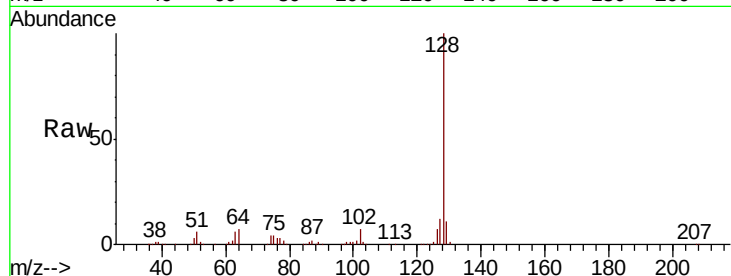




#95
Naphthalene
Concen: 55.923 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.528 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002386.D
Acq: 17 Apr 2020 10:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.1	141.3
145	33.3	16.7	50.1

