

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000259.D
 Acq On : 10 Oct 2019 17:29
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 05:54:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	241517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	405743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165417	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	157548	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	7.74	113	124831	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	10.19	98	471250	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	12.48	95	161647	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	5326	2.209	ug/l	72
3) Chloromethane	2.12	50	7791	2.373	ug/l	98
4) Vinyl Chloride	2.25	62	7950	2.345	ug/l	89
5) Bromomethane	2.64	94	7434	3.476	ug/l	91
6) Chloroethane	2.80	64	5392	2.518	ug/l #	75
7) Trichlorofluoromethane	3.13	101	10509	2.399	ug/l	95
8) Diethyl Ether	3.54	74	4966	2.479	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	6056	2.368	ug/l	94
10) Methyl Iodide	4.10	142	5250	1.823	ug/l #	42
11) Tert butyl alcohol	4.96	59	28884	17.116	ug/l	96
12) 1,1-Dichloroethene	3.88	96	6556	2.469	ug/l #	63
13) Acrolein	3.74	56	11922	13.459	ug/l	95
14) Allyl chloride	4.49	41	10509	2.349	ug/l #	88
15) Acrylonitrile	5.18	53	36430	12.229	ug/l	99
16) Acetone	3.96	43	32620	13.259	ug/l	93
17) Carbon Disulfide	4.20	76	15922	2.034	ug/l #	92
18) Methyl Acetate	4.48	43	17097	2.536	ug/l	90
19) Methyl tert-butyl Ether	5.23	73	22322	2.298	ug/l	96
20) Methylene Chloride	4.71	84	8316	2.573	ug/l #	92
21) trans-1,2-Dichloroethene	5.23	96	6935	2.322	ug/l #	76
22) Diisopropyl ether	6.13	45	24867	2.399	ug/l	96
23) Vinyl Acetate	6.08	43	103090	12.270	ug/l	95
24) 1,1-Dichloroethane	6.02	63	11828	2.237	ug/l	96
25) 2-Butanone	7.00	43	55716	12.242	ug/l	92
26) 2,2-Dichloropropane	6.99	77	11377	2.384	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	8513	2.419	ug/l	99
28) Bromochloromethane	7.34	49	5145	2.956	ug/l	100
29) Tetrahydrofuran	7.36	42	36707	11.420	ug/l	98
30) Chloroform	7.52	83	13576	2.474	ug/l	90
31) Cyclohexane	7.79	56	15528	2.907	ug/l #	74
32) 1,1,1-Trichloroethane	7.71	97	10727	2.299	ug/l	92
36) 1,1-Dichloropropene	7.93	75	9593	2.324	ug/l	96
37) Ethyl Acetate	7.08	43	19088	2.558	ug/l	99
38) Carbon Tetrachloride	7.90	117	9340	2.321	ug/l #	81

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

39) Methylcyclohexane	9.19	83	12168	2.349	ug/l #	83
40) Benzene	8.17	78	28798	2.300	ug/l	99
41) Methacrylonitrile	7.36	41	28923	4.924	ug/l #	36
42) 1,2-Dichloroethane	8.24	62	10135	2.492	ug/l	97
43) Isopropyl Acetate	8.28	43	22159	2.307	ug/l	99
44) Trichloroethene	8.95	130	8327	2.452	ug/l	83
45) 1,2-Dichloropropane	9.22	63	6916	2.205	ug/l #	83
46) Dibromomethane	9.31	93	4971	2.260	ug/l	90
47) Bromodichloromethane	9.51	83	9578	2.227	ug/l #	88
48) Methyl methacrylate	9.30	41	11032	2.544	ug/l	90
49) 1,4-Dioxane	9.31	88	5494	49.358	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	84480	11.701	ug/l	99
52) Toluene	10.25	92	18471	2.300	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	10528	2.157	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	11026	2.088	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	8116	2.562	ug/l	92
56) Ethyl methacrylate	10.52	69	11718	2.101	ug/l	94
57) 1,3-Dichloropropane	10.80	76	12278	2.270	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.79	63	29985	12.064	ug/l	98
59) 2-Hexanone	10.84	43	69671	4.133	ug/l	100
60) Dibromochloromethane	10.99	129	7724	2.307	ug/l	97
61) 1,2-Dibromoethane	11.10	107	8388	2.493	ug/l	94
64) Tetrachloroethene	10.72	164	8540	2.668	ug/l	95
65) Chlorobenzene	11.52	112	19069	2.350	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.60	131	6998	2.412	ug/l	95
67) Ethyl Benzene	11.60	91	33599	2.316	ug/l	100
68) m/p-Xylenes	11.70	106	25665	4.637	ug/l	97
69) o-Xylene	12.03	106	11774	2.208	ug/l	92
70) Styrene	12.05	104	20549	2.237	ug/l	96
71) Bromoform	12.21	173	5000	2.089	ug/l #	93
73) Isopropylbenzene	12.33	105	31628	2.256	ug/l	99
74) N-amyl acetate	12.15	43	13534	1.951	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	10766	2.251	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	17365	3.976	ug/l #	100
77) Bromobenzene	12.61	156	8399	2.555	ug/l	86
78) n-propylbenzene	12.67	91	36188	2.210	ug/l	96
79) 2-Chlorotoluene	12.75	91	21923	2.326	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	26455	2.262	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	4215	2.665	ug/l #	89
82) 4-Chlorotoluene	12.85	91	21104	2.210	ug/l	94
83) tert-Butylbenzene	13.08	119	22569	2.220	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	25773	2.206	ug/l	99
85) sec-Butylbenzene	13.25	105	30083	2.147	ug/l	100
86) p-Isopropyltoluene	13.37	119	27704	2.248	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	14165	2.378	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	15051	2.425	ug/l	88
89) n-Butylbenzene	13.70	91	22996	1.980	ug/l	97
90) Hexachloroethane	13.96	117	5103	2.189	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	13707	2.273	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3569	2.130	ug/l	95

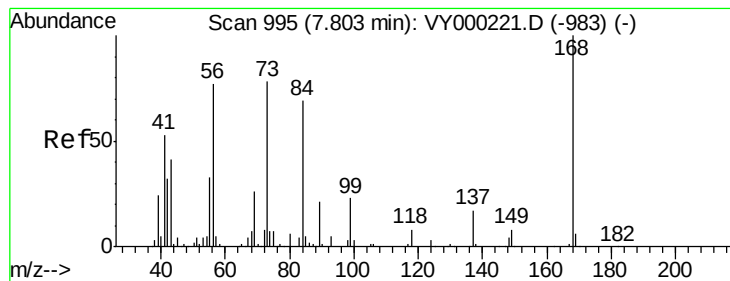
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	9349	2.284	ug/l	97
94) Hexachlorobutadiene	15.11	225	4202	2.148	ug/l	98
95) Naphthalene	15.23	128	34831	2.262	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	9457	2.401	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

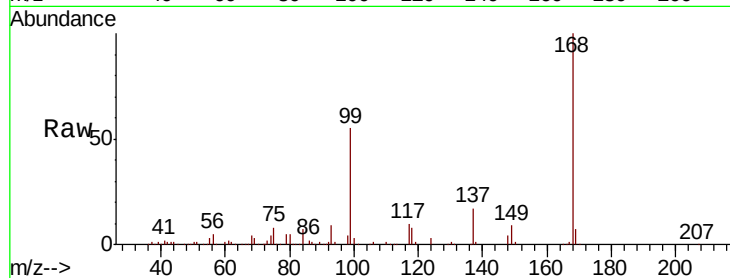
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 241517

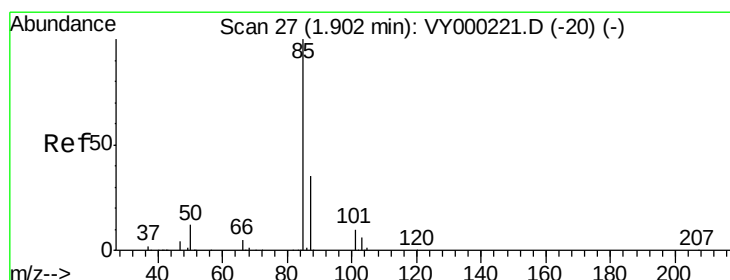
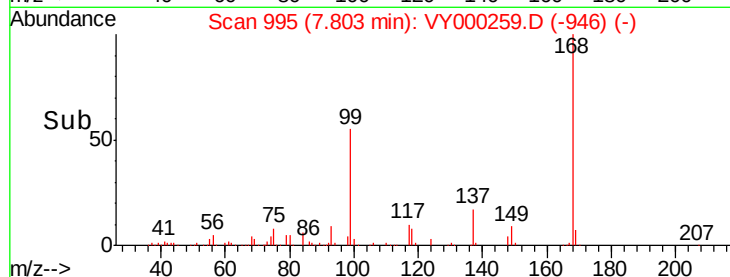
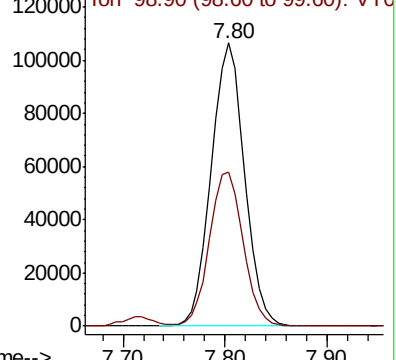
Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 2.209 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000259.D

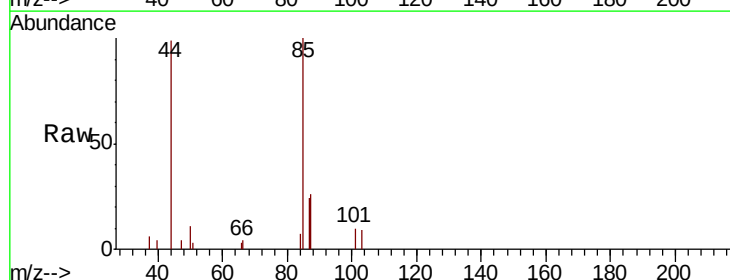
Acq: 10 Oct 2019 17:29

Tgt Ion: 85 Resp: 5326

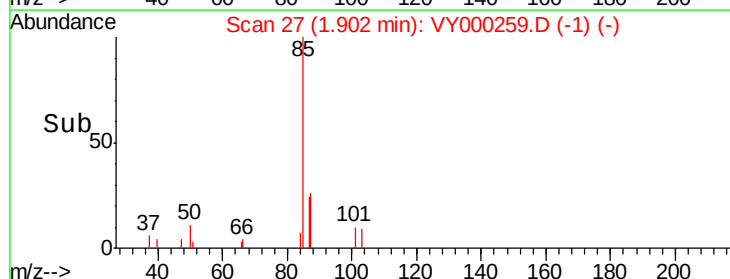
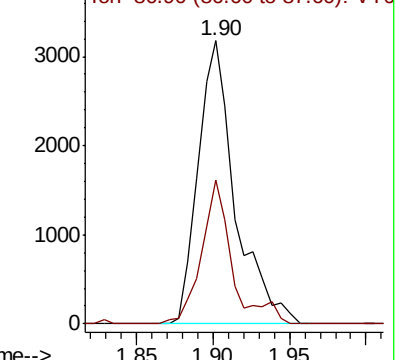
Ion Ratio Lower Upper

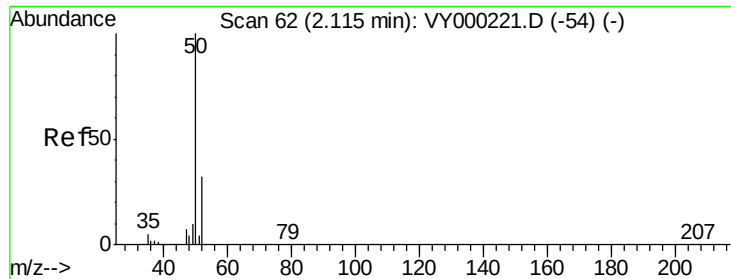
85 100

87 50.8 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)





#3

Chloromethane

Concen: 2.373 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

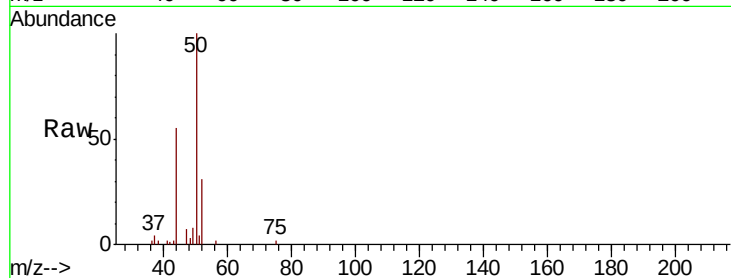
ClientSampled :

Tot Ion: 50 Resp: 7791

Ion Ratio Lower Upper

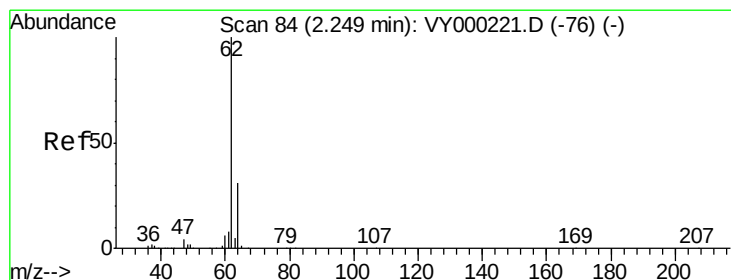
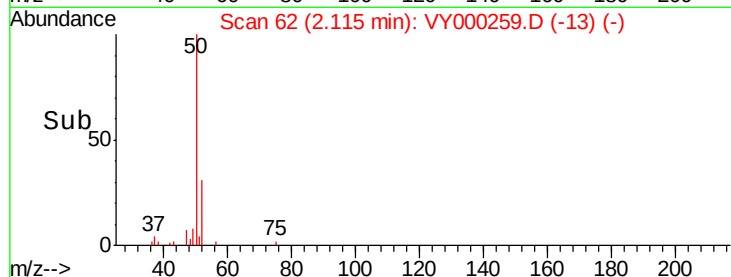
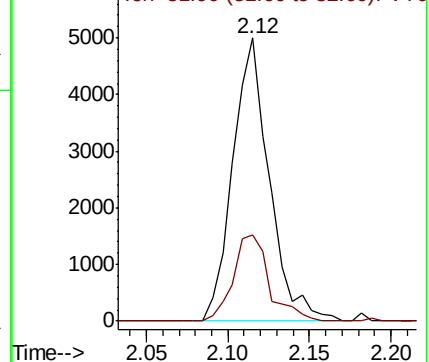
50 100

52 30.6 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.345 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000259.D

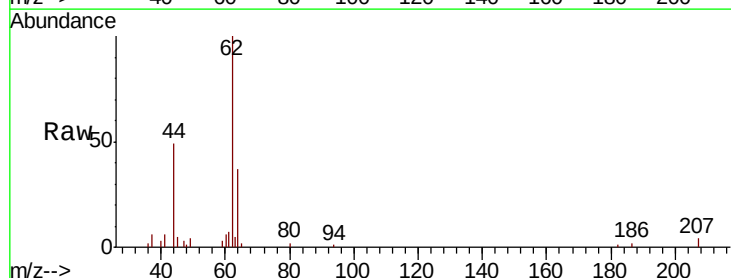
Acq: 10 Oct 2019 17:29

Tgt Ion: 62 Resp: 7950

Ion Ratio Lower Upper

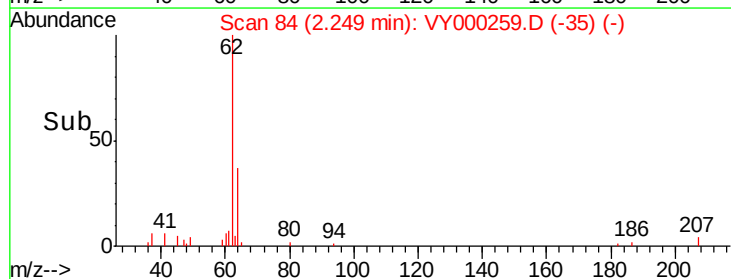
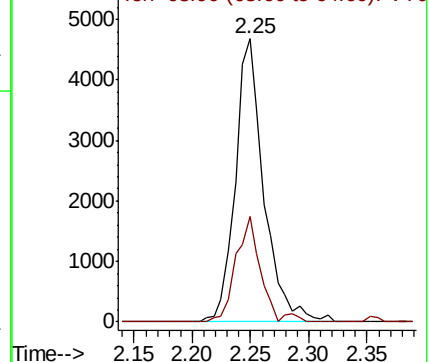
62 100

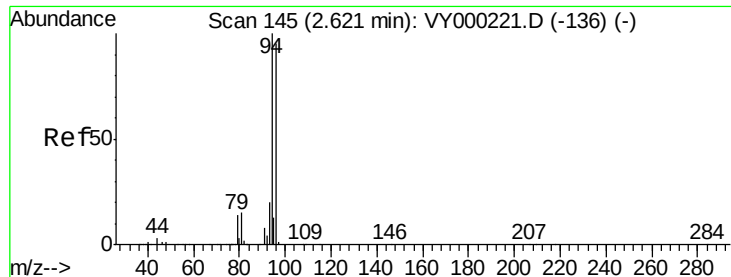
64 37.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.476 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

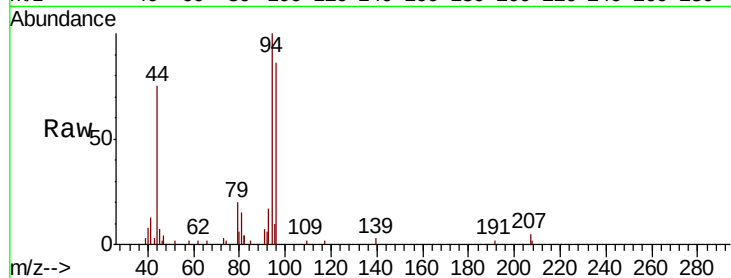
ClientSampleId :

Tot Ion: 94 Resp: 7434

Ion Ratio Lower Upper

94 100

96 85.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

3000

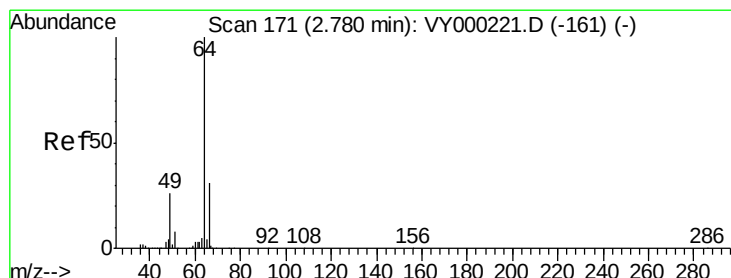
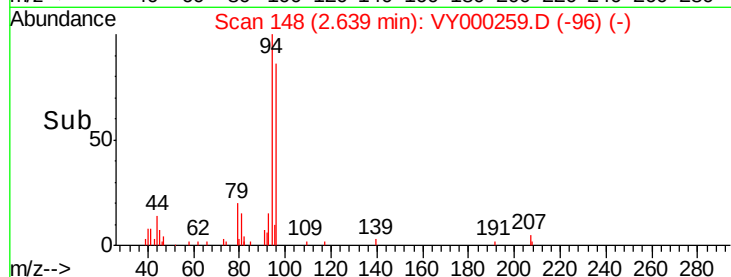
2000

1000

0

2.55 2.60 2.65 2.70 2.75

Time-->



#6

Chloroethane

Concen: 2.518 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.02 min

Lab File: VY000259.D

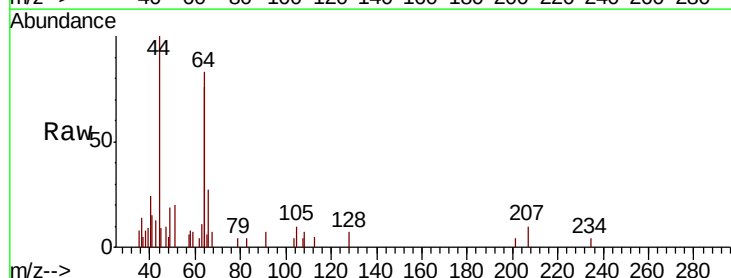
Acq: 10 Oct 2019 17:29

Tgt Ion: 64 Resp: 5392

Ion Ratio Lower Upper

64 100

66 16.7 24.5 36.7#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

2500

2000

1500

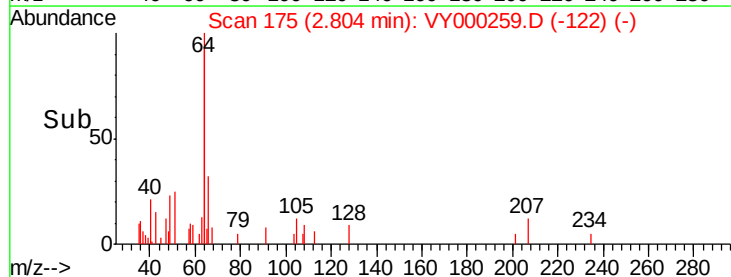
1000

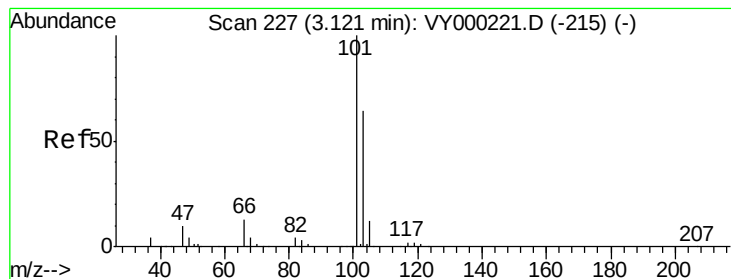
500

0

2.70 2.75 2.80 2.85 2.90

Time-->



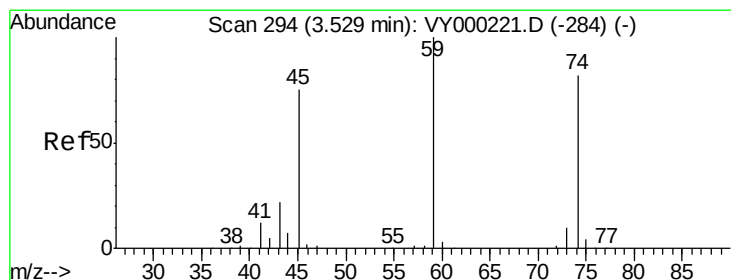
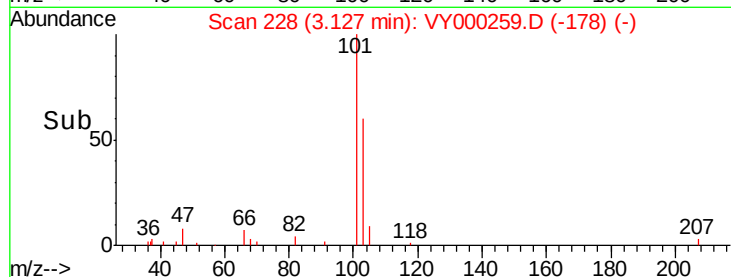
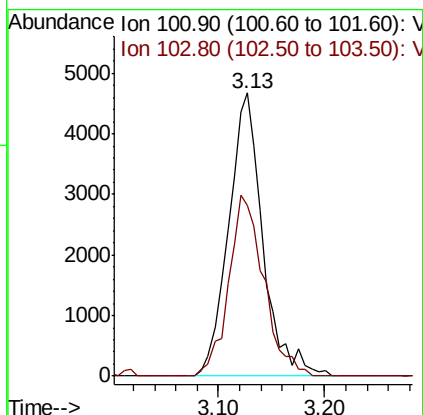
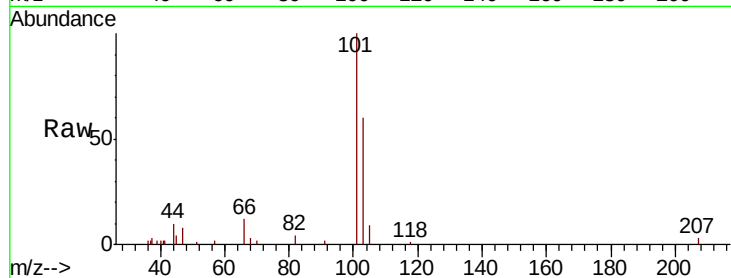


#7

Trichlorofluoromethane
 Concen: 2.399 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Instrument :
 MSVOA_Y
 ClientSampled :

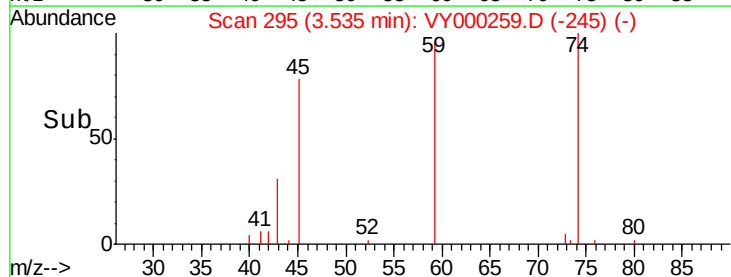
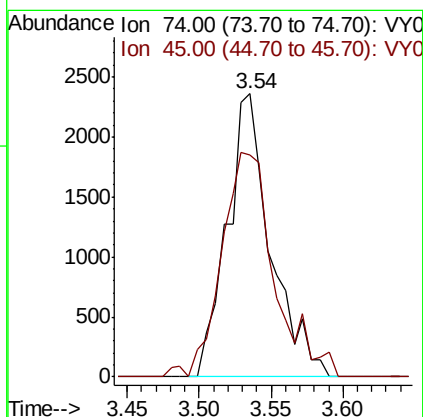
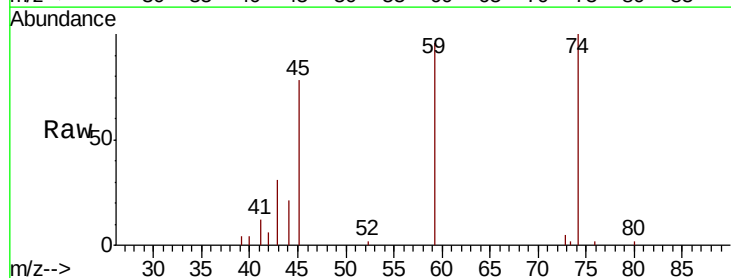
Tot Ion:101 Resp: 10509
 Ion Ratio Lower Upper
 101 100
 103 60.2 51.0 76.6

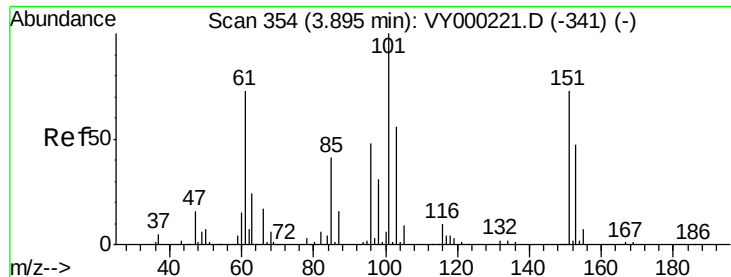


#8

Diethyl Ether
 Concen: 2.479 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion: 74 Resp: 4966
 Ion Ratio Lower Upper
 74 100
 45 96.7 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.368 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampled :

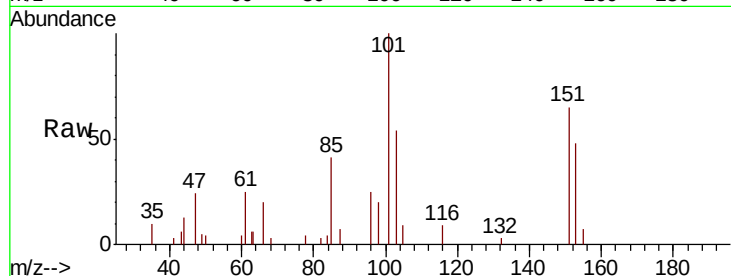
Tot Ion:101 Resp: 6056

Ion Ratio Lower Upper

101 100

85 45.1 37.0 55.6

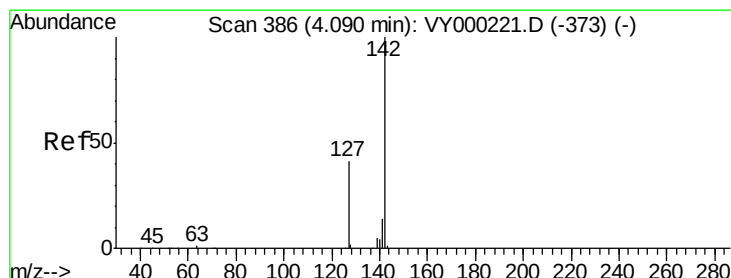
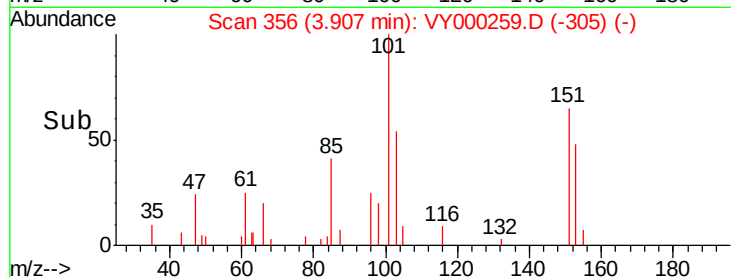
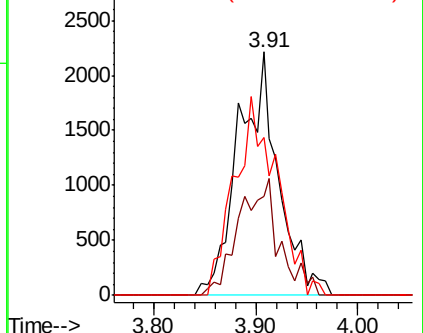
151 86.0 63.0 94.4



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: 1.823 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

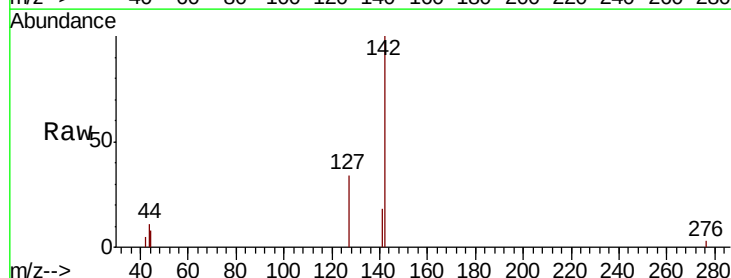
Tgt Ion:142 Resp: 5250

Ion Ratio Lower Upper

142 100

127 0.0 33.0 49.6#

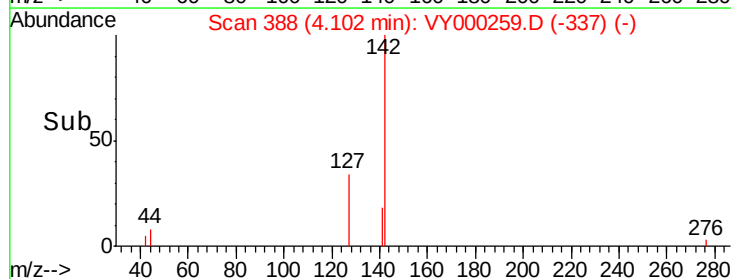
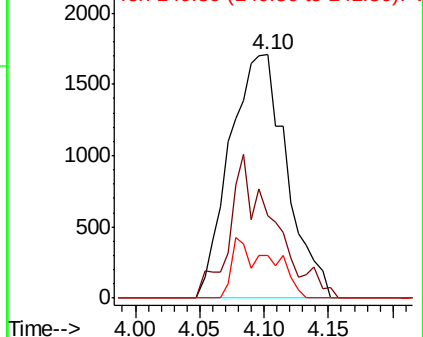
141 0.0 11.0 16.4#

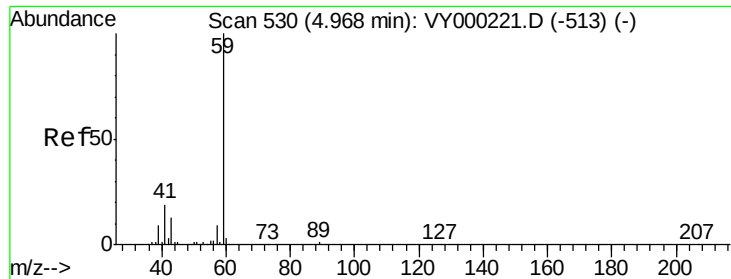


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

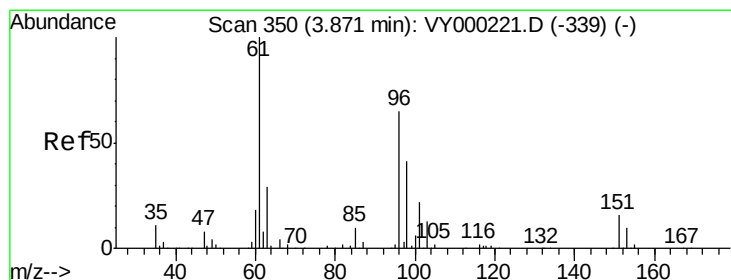
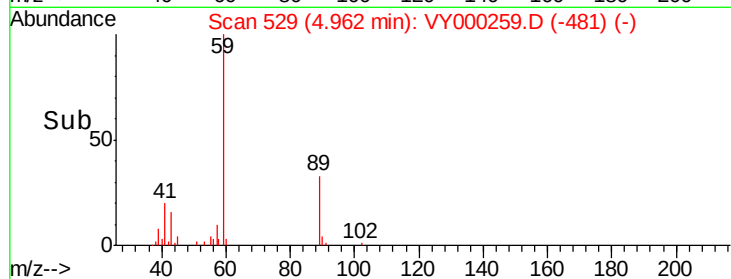
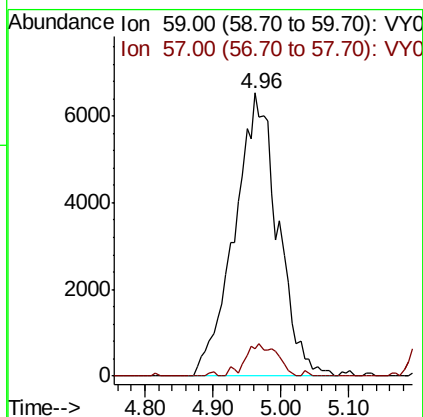
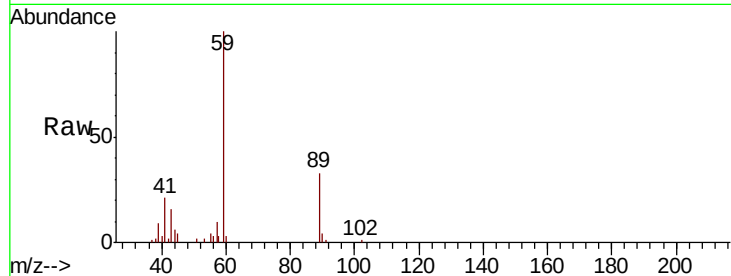




#11
Tert butyl alcohol
Concen: 17.116 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

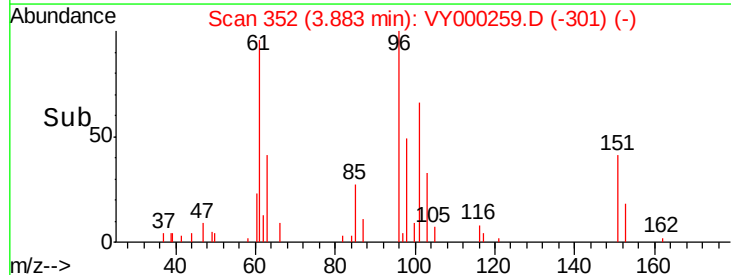
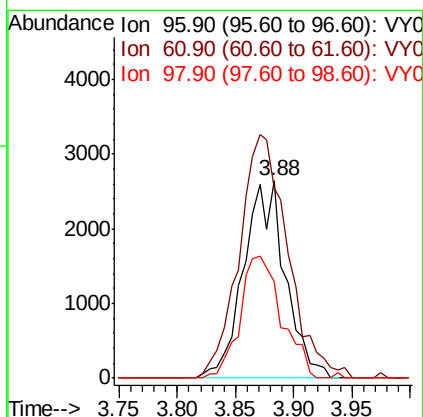
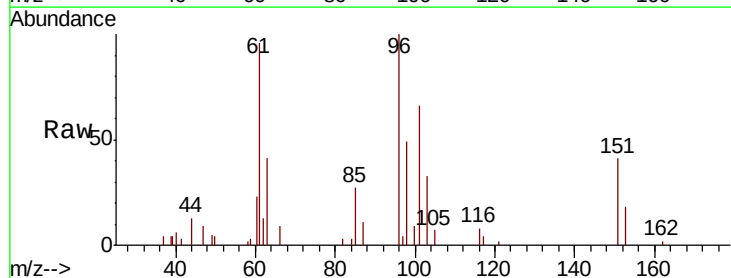
Instrument :
MSVOA_Y
ClientSampleId :

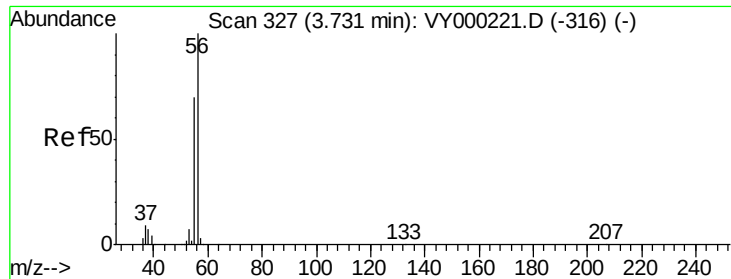
Tot Ion: 59 Resp: 28884
Ion Ratio Lower Upper
59 100
57 8.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 2.469 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 96 Resp: 6556
Ion Ratio Lower Upper
96 100
61 96.3 123.8 185.8#
98 49.0 50.9 76.3#





#13

Acrolein

Concen: 13.459 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

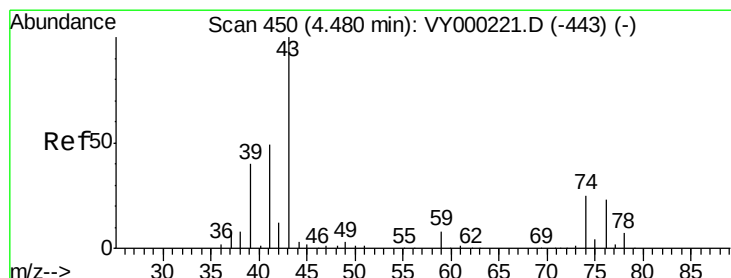
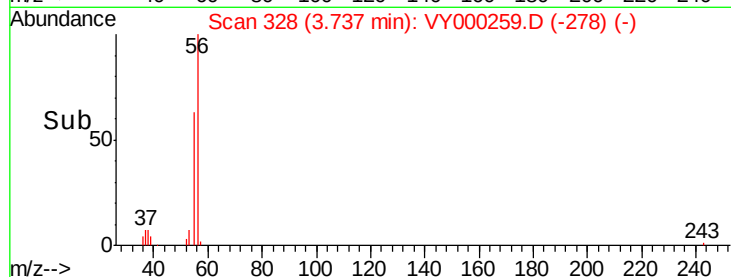
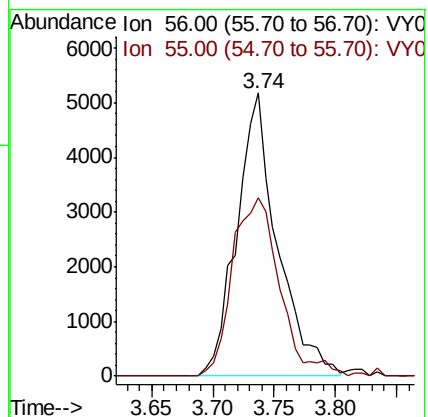
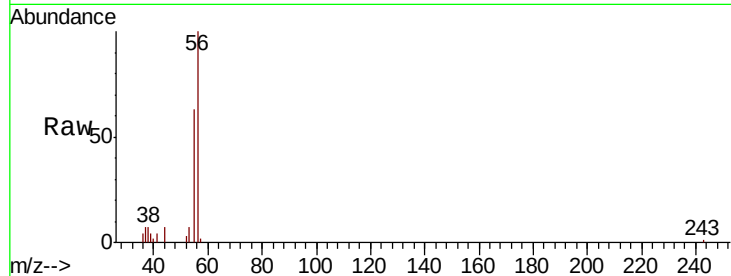
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 11922

Ion Ratio Lower Upper

56 100

55 73.2 55.2 82.8



#14

Allyl chloride

Concen: 2.349 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

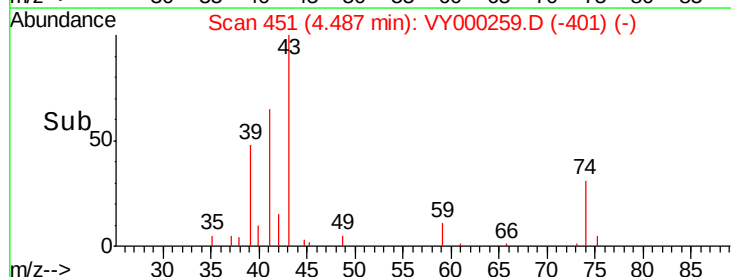
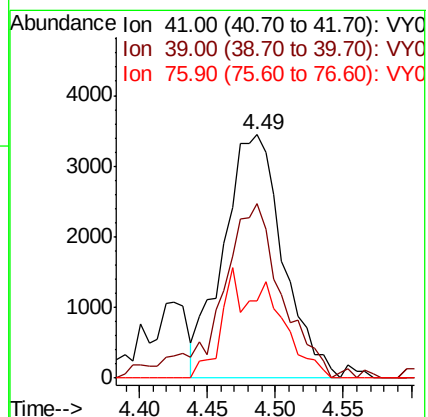
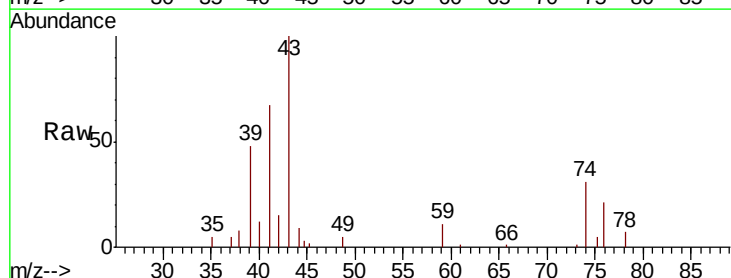
Tgt Ion: 41 Resp: 10509

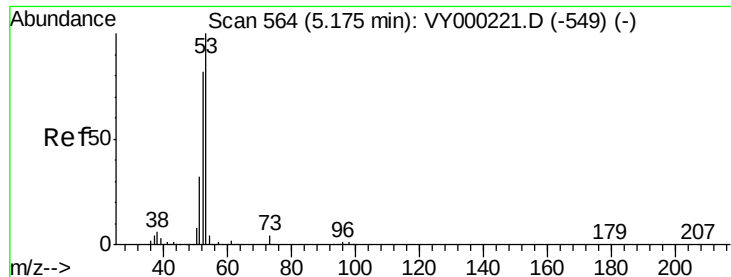
Ion Ratio Lower Upper

41 100

39 74.1 56.4 84.6

76 22.5 30.8 46.2#





#15

Acrylonitrile

Concen: 12.229 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

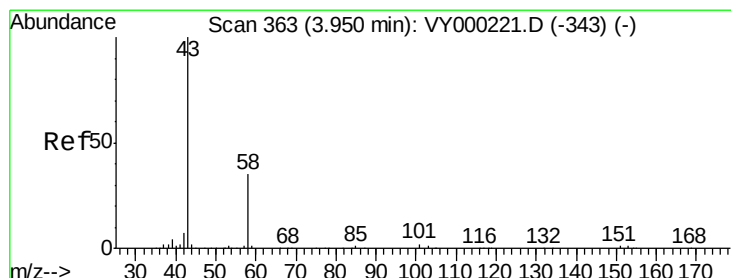
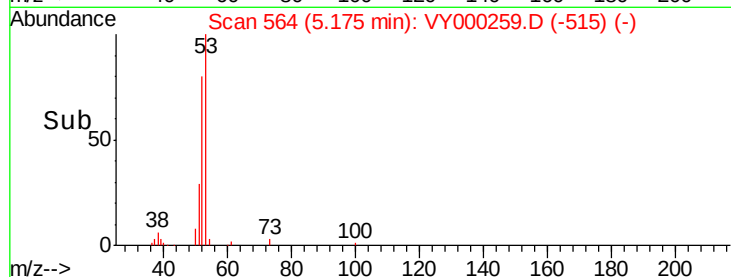
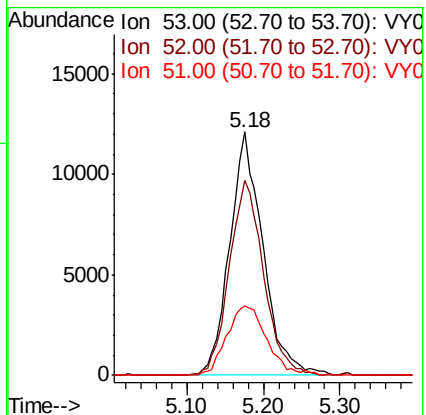
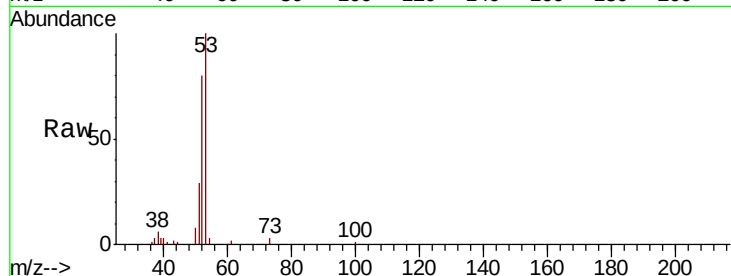
Tot Ion: 53 Resp: 36430

Ion Ratio Lower Upper

53 100

52 82.5 65.4 98.2

51 33.9 27.2 40.8



#16

Acetone

Concen: 13.259 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000259.D

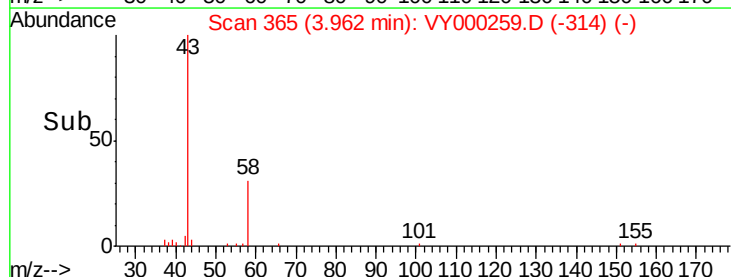
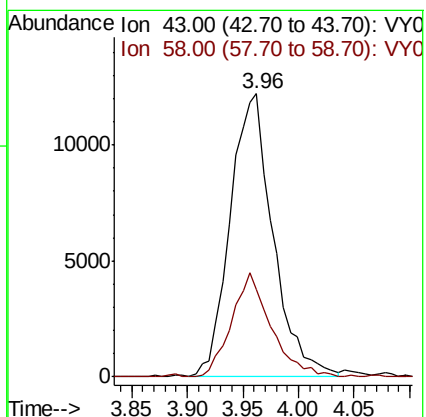
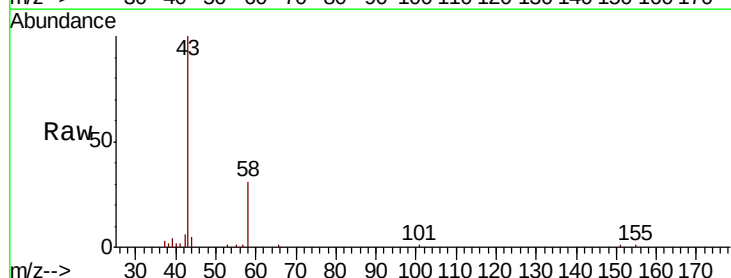
Acq: 10 Oct 2019 17:29

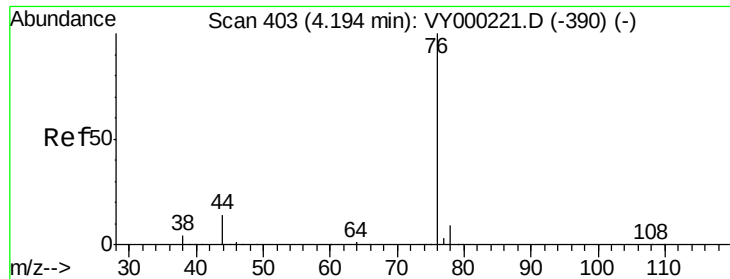
Tgt Ion: 43 Resp: 32620

Ion Ratio Lower Upper

43 100

58 31.0 28.2 42.4





#17

Carbon Disulfide

Concen: 2.034 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

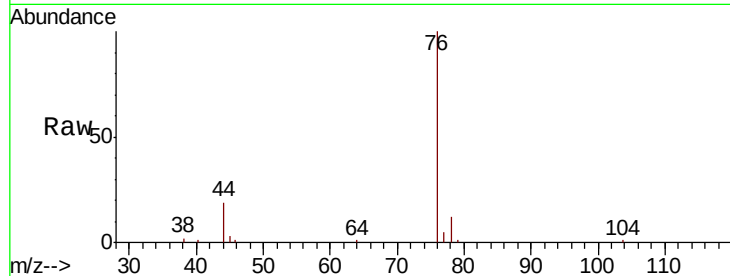
ClientSampleId :

Tot Ion: 76 Resp: 15922

Ion Ratio Lower Upper

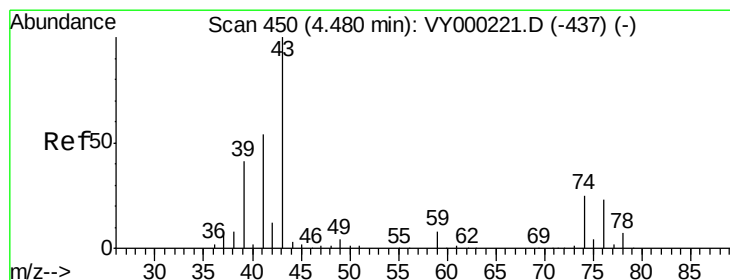
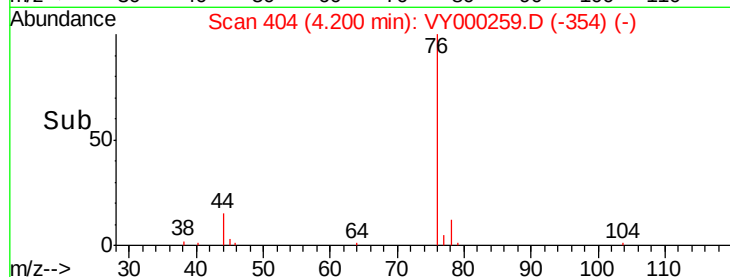
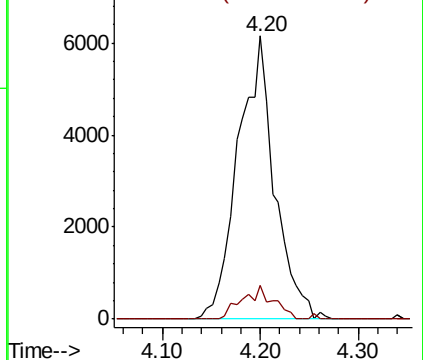
76 100

78 11.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 2.536 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000259.D

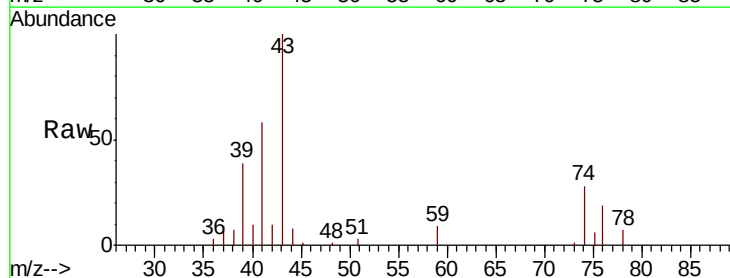
Acq: 10 Oct 2019 17:29

Tgt Ion: 43 Resp: 17097

Ion Ratio Lower Upper

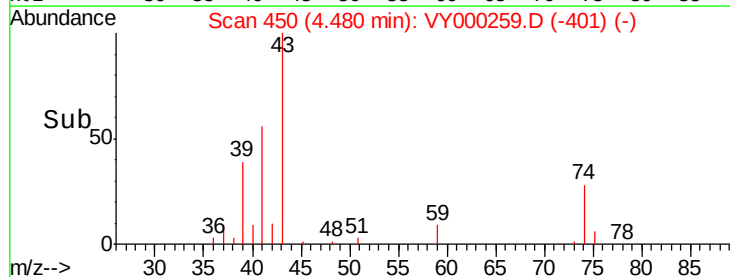
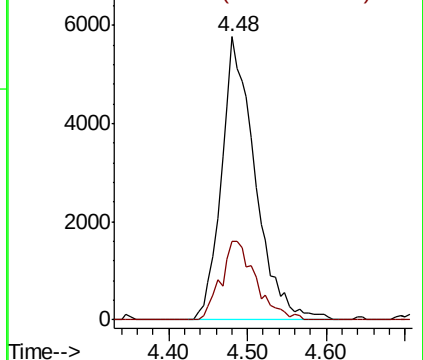
43 100

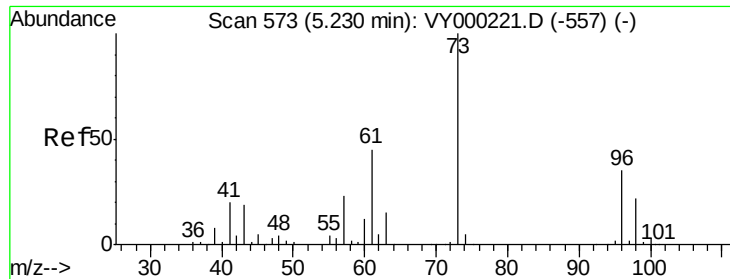
74 28.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

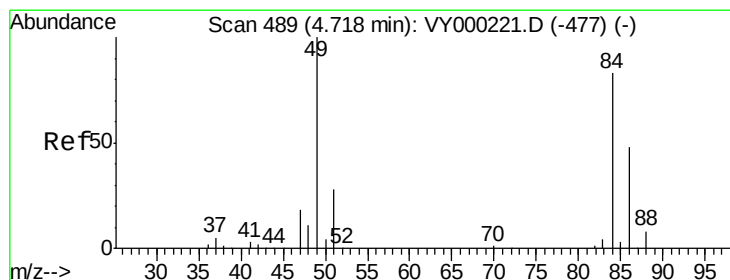
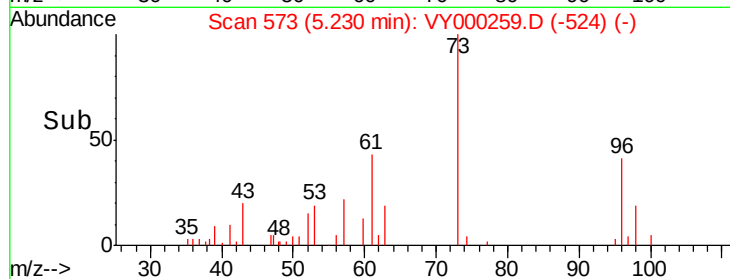
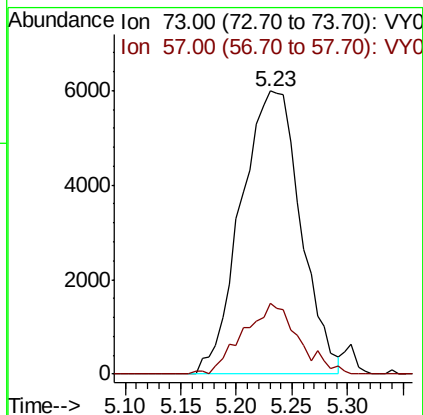
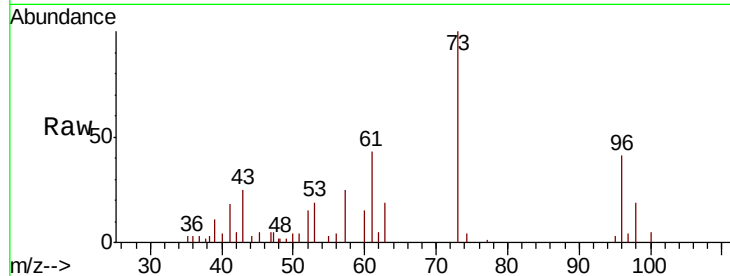




#19
Methyl tert-butyl Ether
Concen: 2.298 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

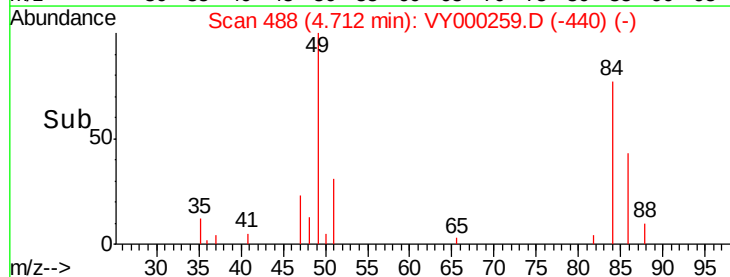
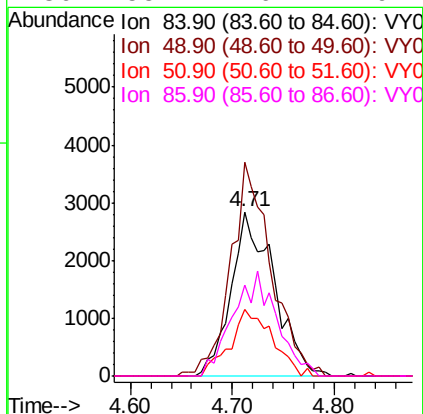
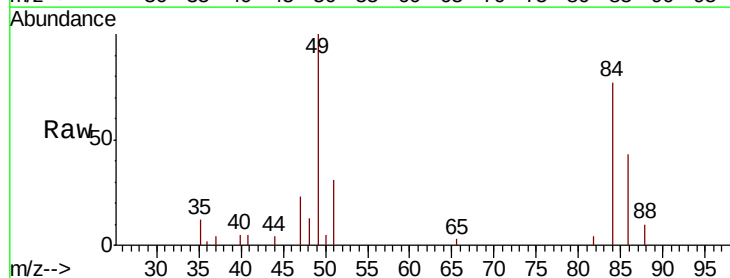
Instrument :
MSVOA_Y
ClientSampleId :

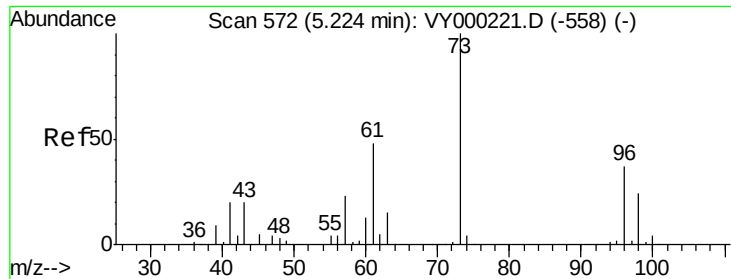
Tot Ion: 73 Resp: 22322
Ion Ratio Lower Upper
73 100
57 25.0 18.4 27.6



#20
Methylene Chloride
Concen: 2.573 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 84 Resp: 8316
Ion Ratio Lower Upper
84 100
49 129.9 96.2 144.2
51 40.7 26.6 39.8#
86 55.2 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.322 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

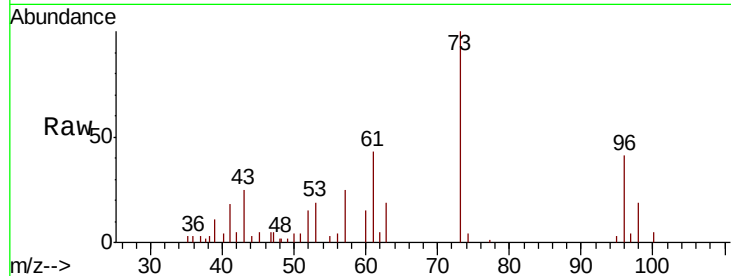
Tot Ion: 96 Resp: 6935

Ion Ratio Lower Upper

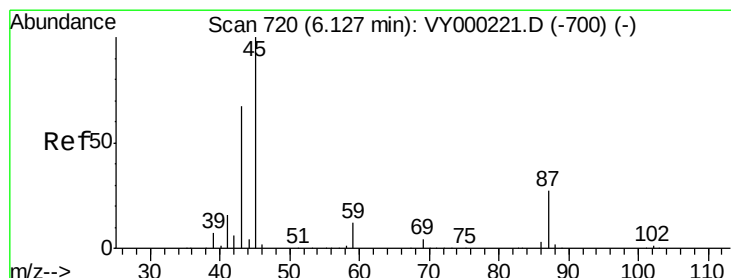
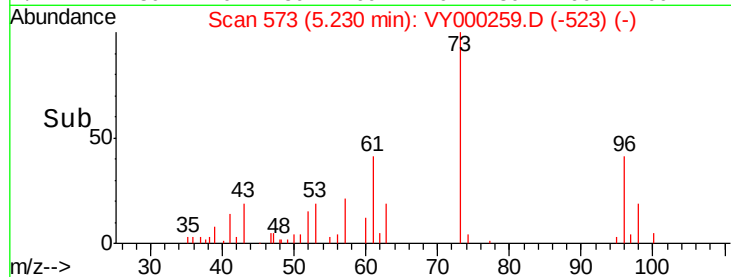
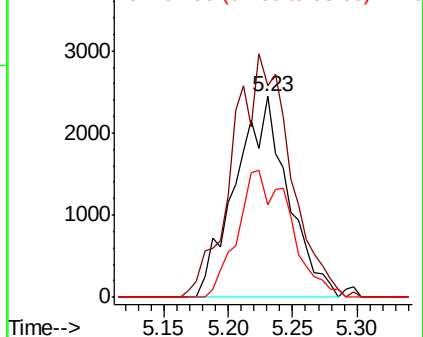
96 100

61 101.8 104.2 156.2#

98 46.0 51.0 76.6#



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



#22

Diisopropyl ether

Concen: 2.399 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Tgt Ion: 45 Resp: 24867

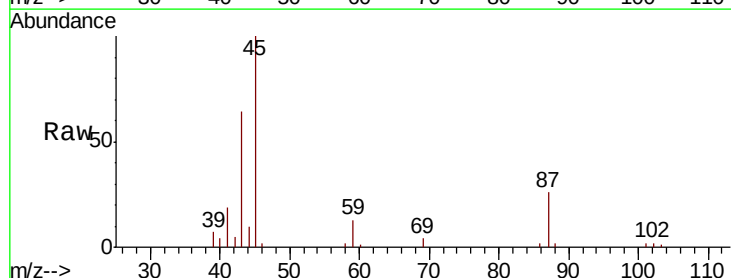
Ion Ratio Lower Upper

45 100

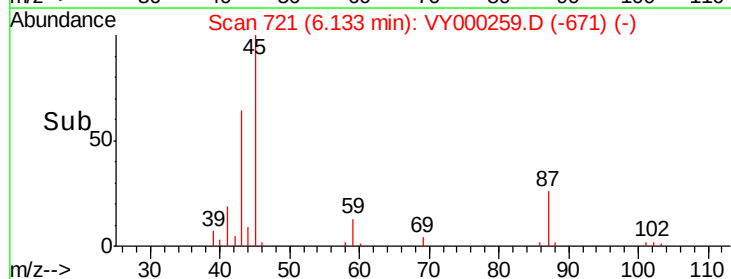
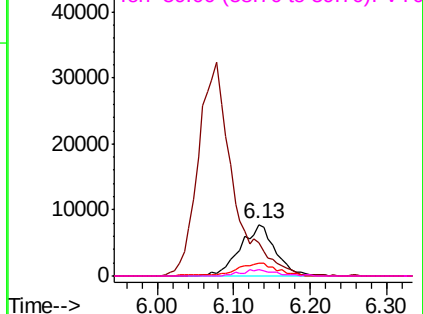
43 63.2 53.4 80.2

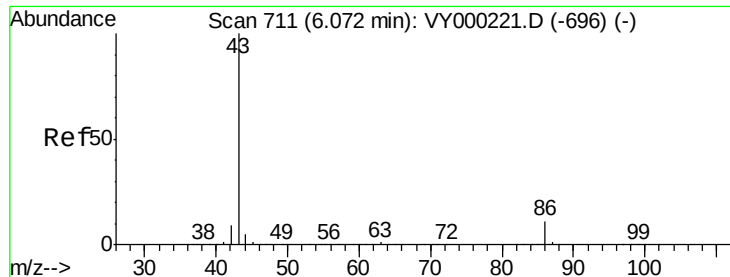
87 25.8 21.7 32.5

59 13.2 9.6 14.4



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





#23

Vinyl Acetate

Concen: 12.270 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

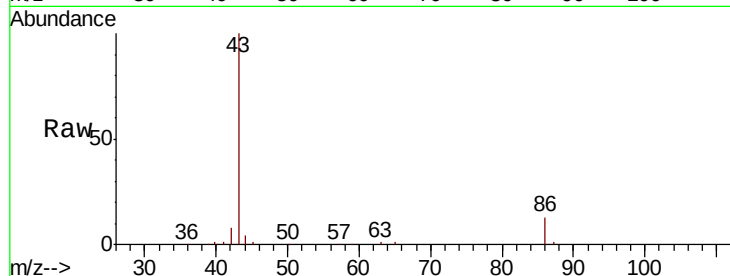
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 103090

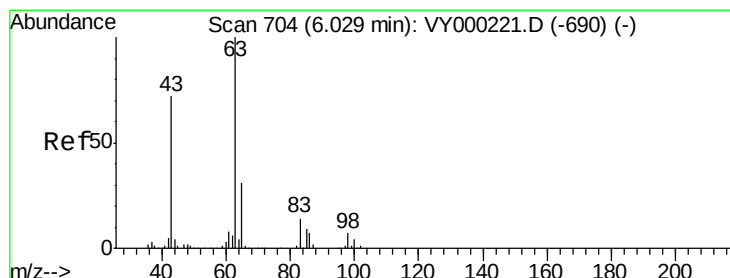
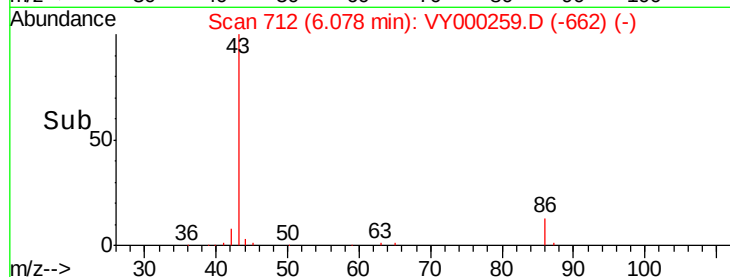
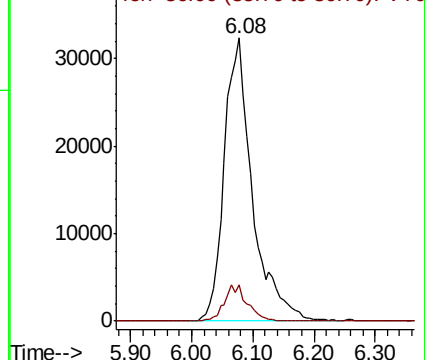
Ion Ratio Lower Upper

43 100

86 12.7 8.5 12.7



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



#24

1,1-Dichloroethane

Concen: 2.237 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

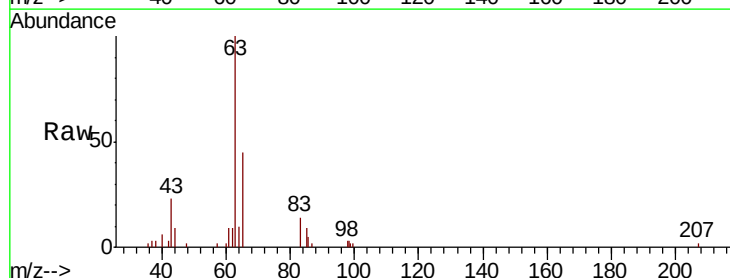
Tgt Ion: 63 Resp: 11828

Ion Ratio Lower Upper

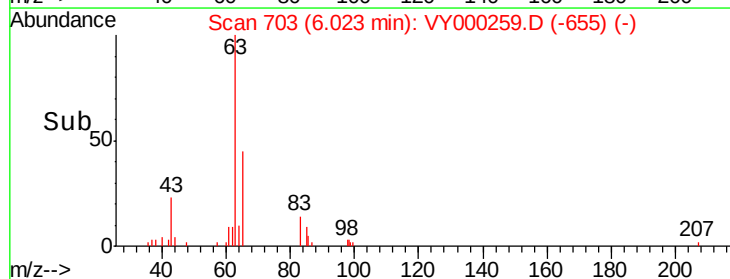
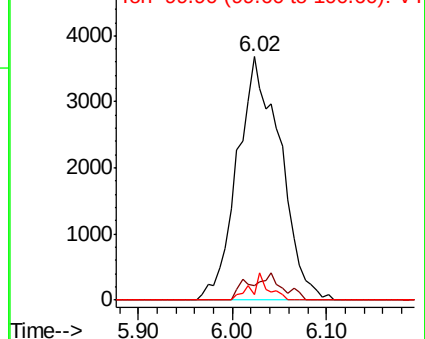
63 100

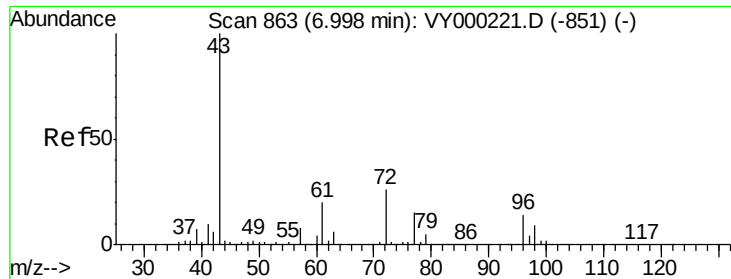
98 6.1 3.5 10.6

100 2.3 2.1 6.5



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: 12.242 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

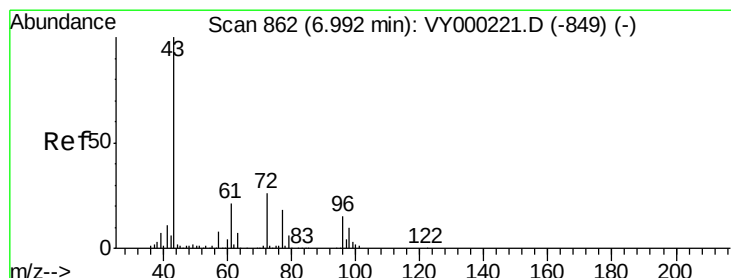
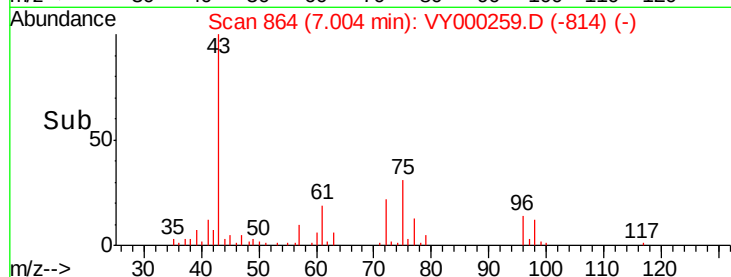
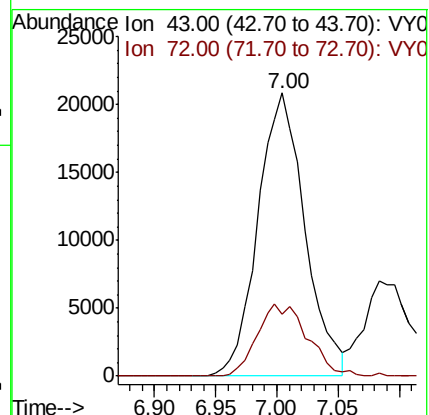
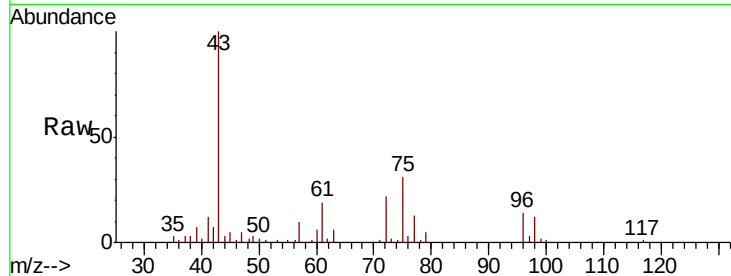
ClientSampled :

Tot Ion: 43 Resp: 55716

Ion Ratio Lower Upper

43 100

72 22.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 2.384 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000259.D

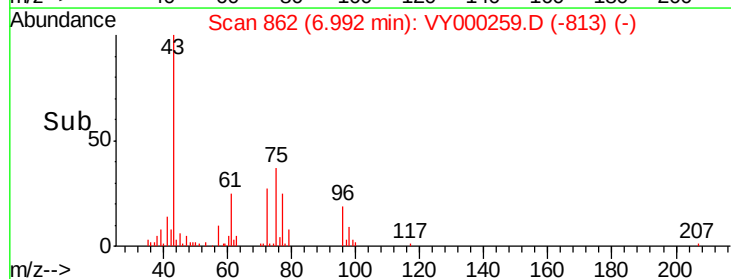
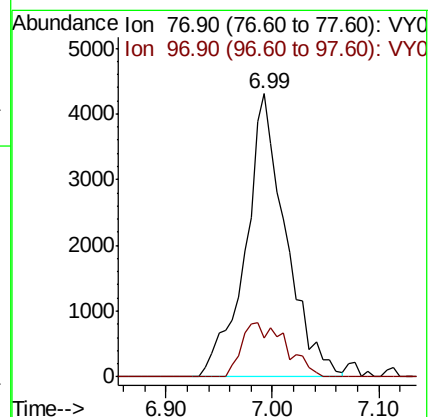
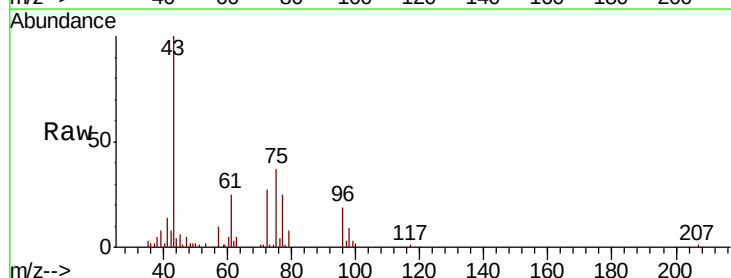
Acq: 10 Oct 2019 17:29

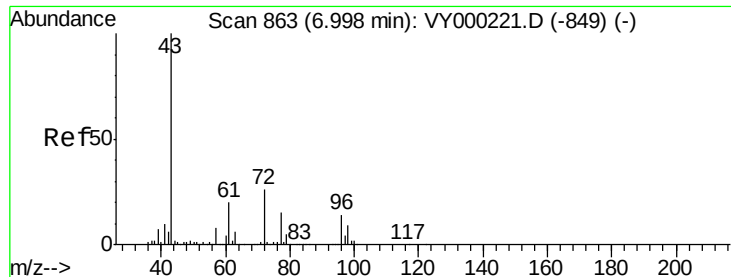
Tgt Ion: 77 Resp: 11377

Ion Ratio Lower Upper

77 100

97 21.2 11.7 35.0



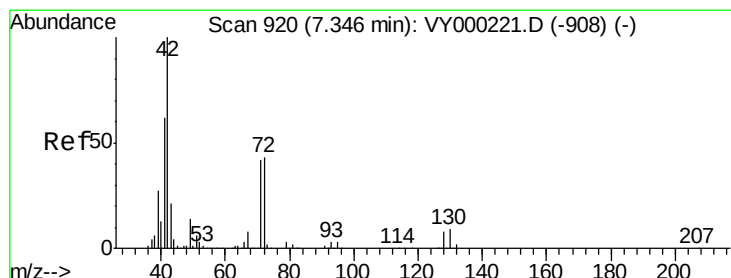
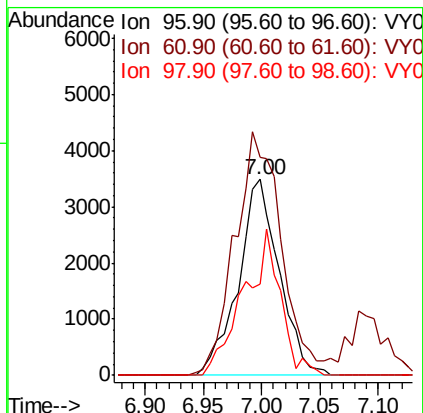
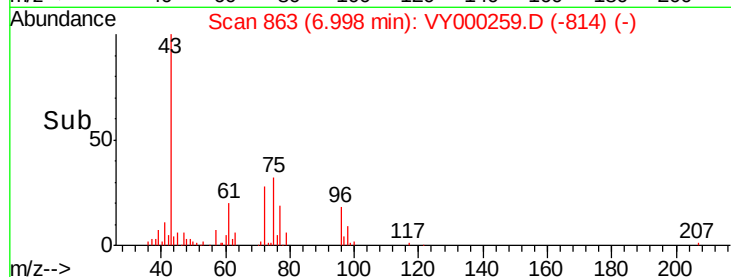
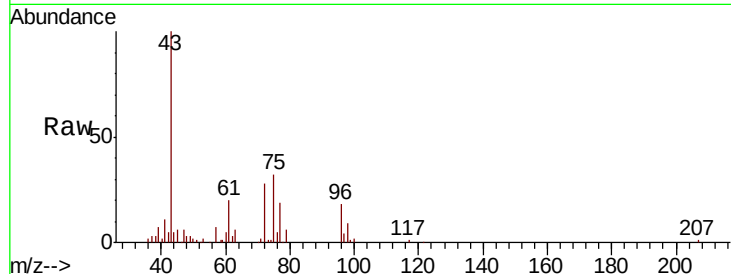


#27

cis-1,2-Dichloroethene
Concen: 2.419 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :

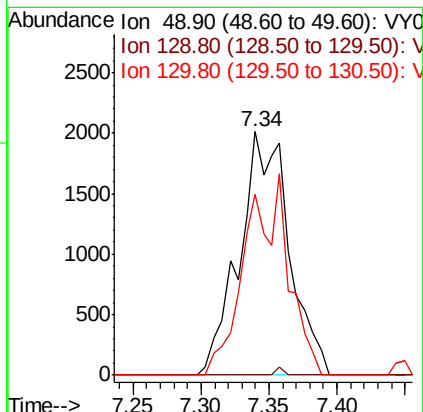
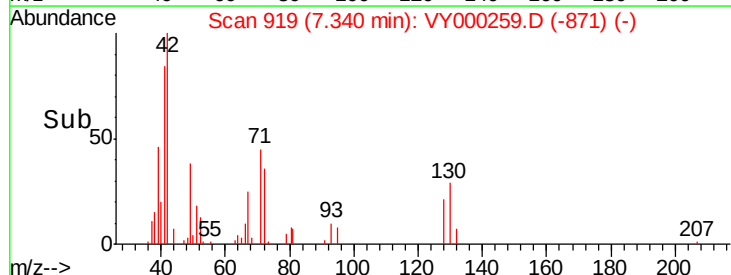
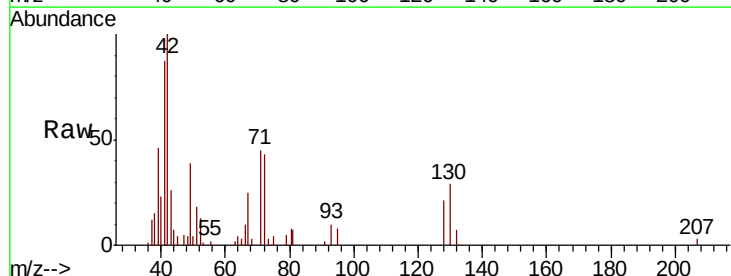
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	282.6
98	67.3	0.0	129.8

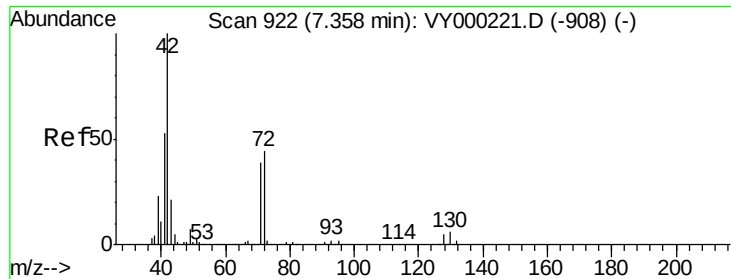


#28

Bromochloromethane
Concen: 2.956 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.2
130	70.8	56.5	84.7

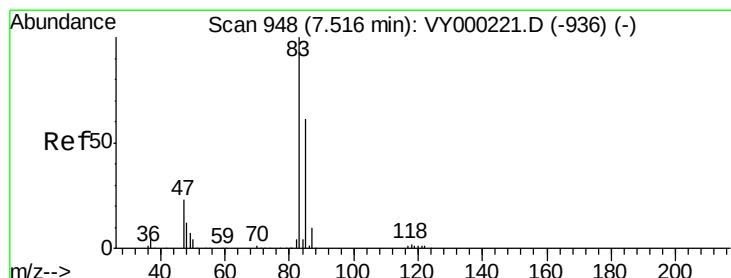
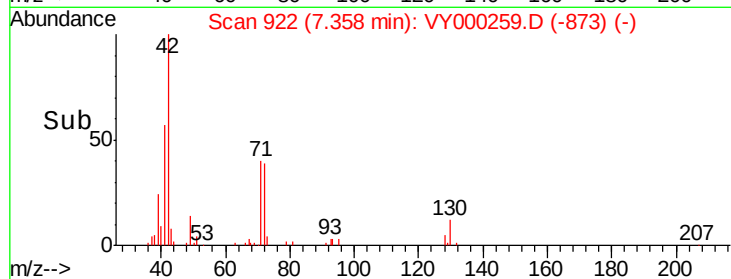
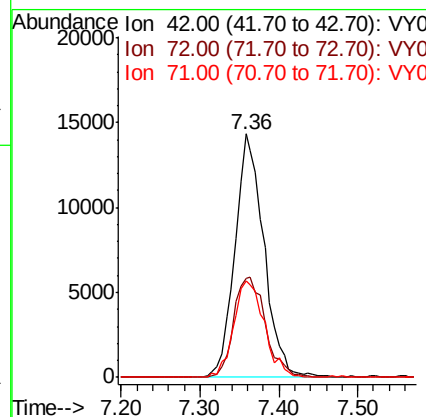
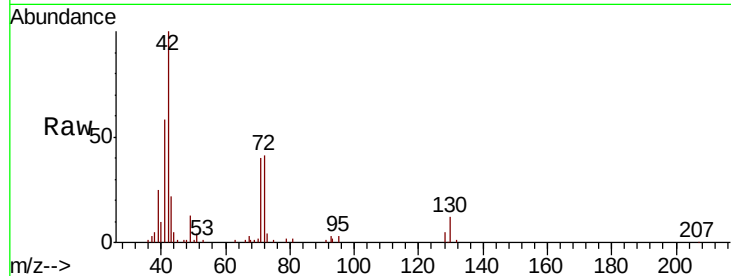




#29
Tetrahydrofuran
Concen: 11.420 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

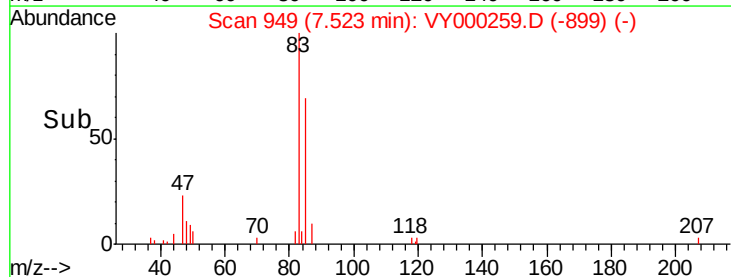
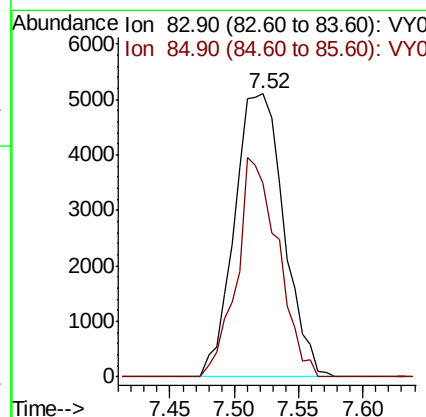
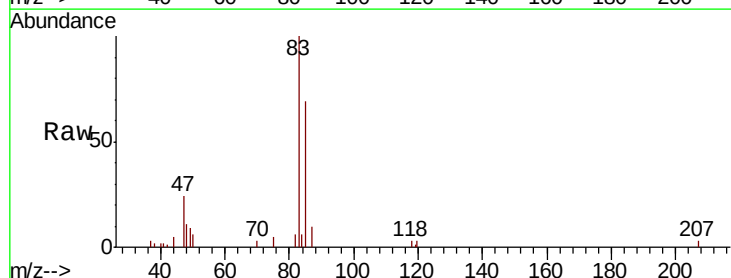
Instrument :
MSVOA_Y
ClientSampleId :

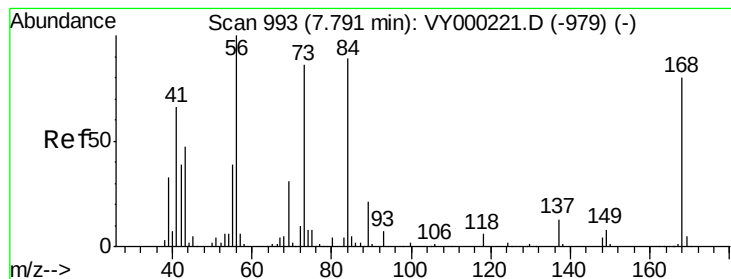
Tot Ion: 42 Resp: 36707
Ion Ratio Lower Upper
42 100
72 44.7 34.6 51.8
71 41.4 31.9 47.9



#30
Chloroform
Concen: 2.474 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 83 Resp: 13576
Ion Ratio Lower Upper
83 100
85 68.6 48.9 73.3





#31

Cyclohexane

Concen: 2.907 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampled :

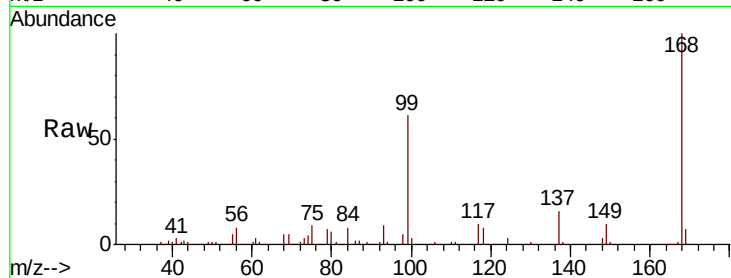
Tot Ion: 56 Resp: 15528

Ion Ratio Lower Upper

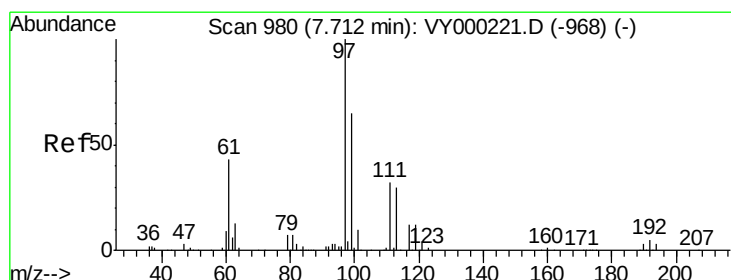
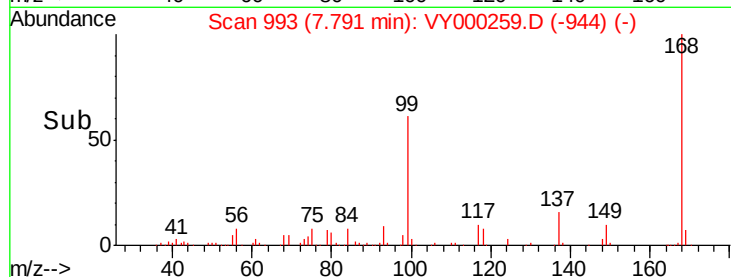
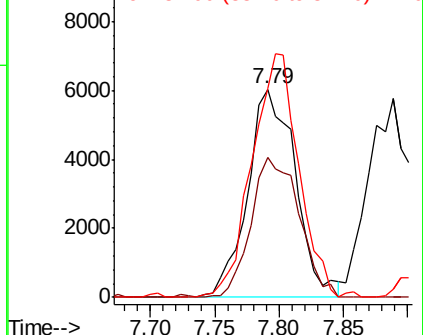
56 100

69 67.2 24.7 37.1#

84 100.6 71.3 106.9



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: 2.299 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

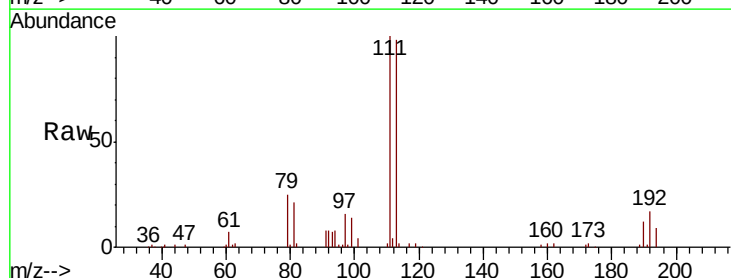
Tgt Ion: 97 Resp: 10727

Ion Ratio Lower Upper

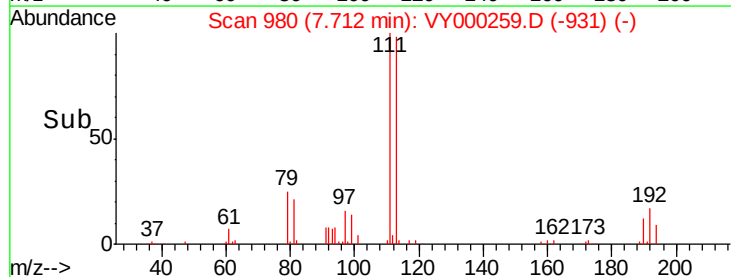
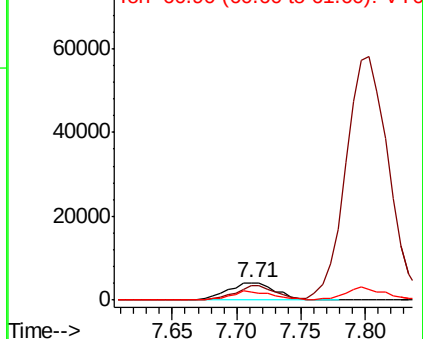
97 100

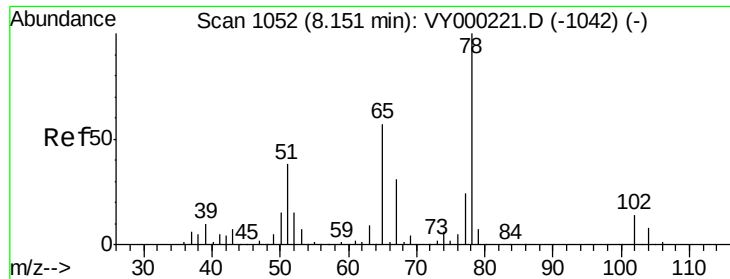
99 71.7 51.4 77.2

61 47.1 34.2 51.4



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

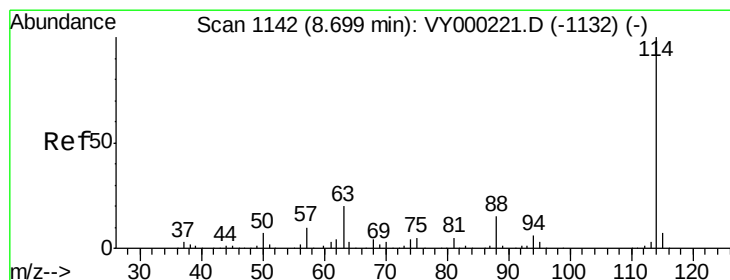
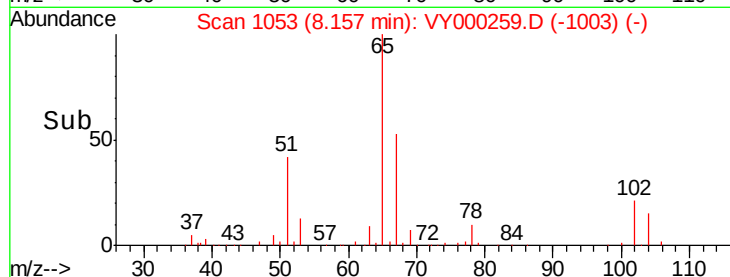
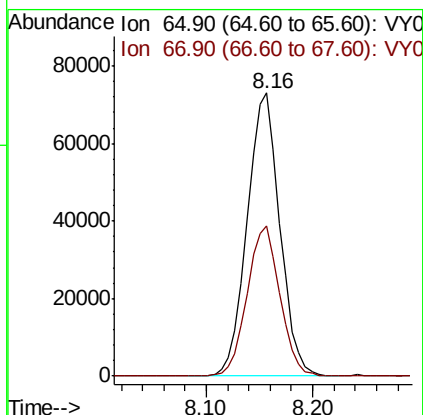
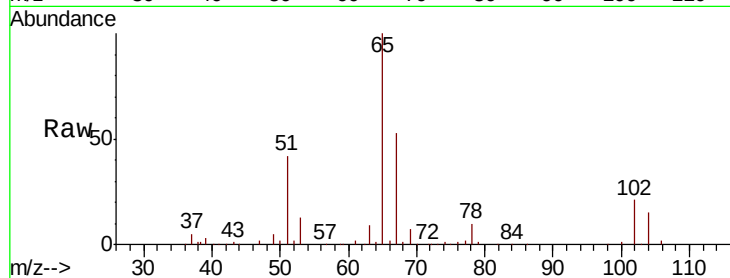




#33
 1,2-Dichloroethane-d4
 Concen: 50.719 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

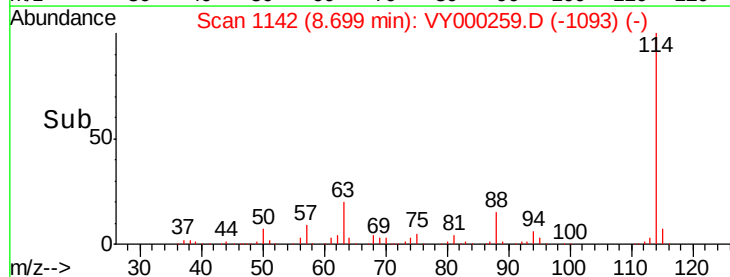
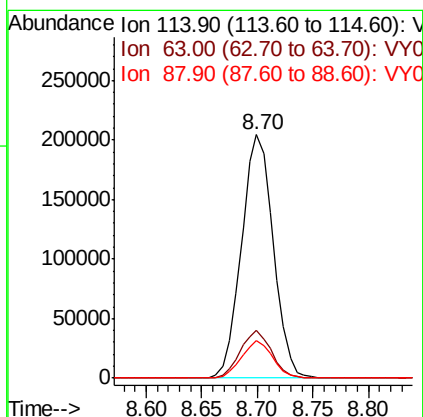
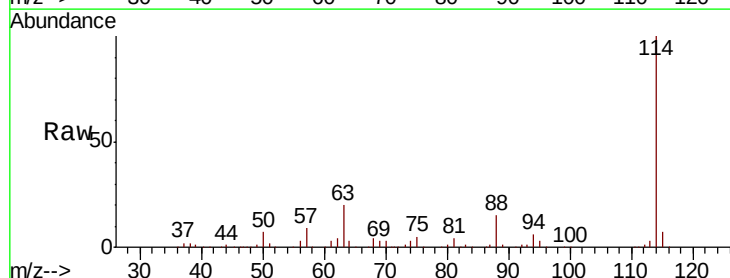
Instrument :
 MSVOA_Y
 ClientSampleId :

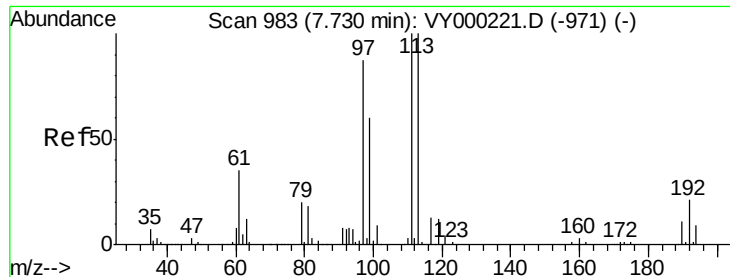
Tot Ion: 65 Resp: 157548
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion: 114 Resp: 405743
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.378 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :

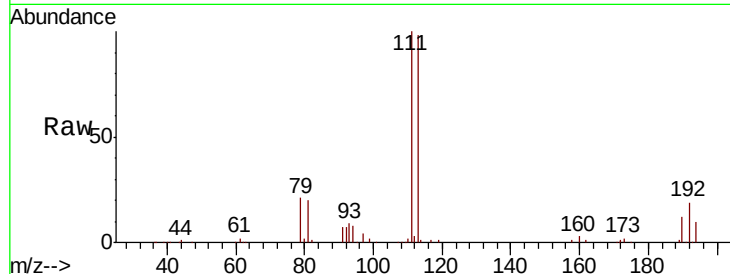
Tot Ion:113 Resp: 124831

Ion Ratio Lower Upper

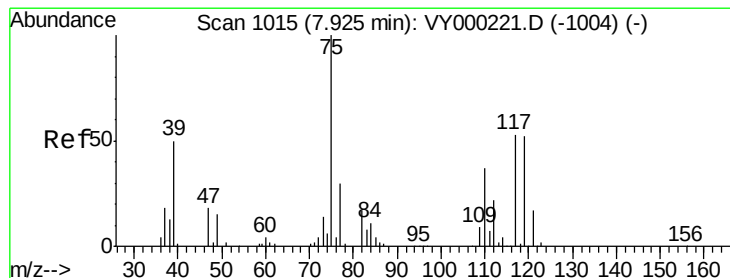
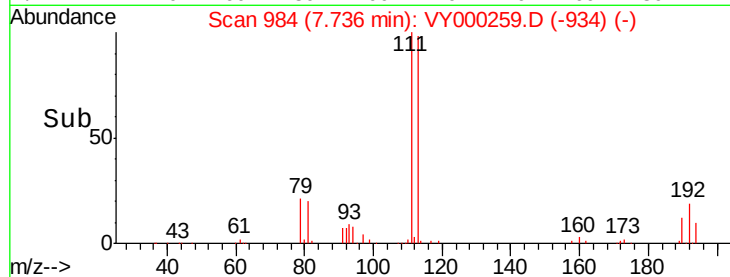
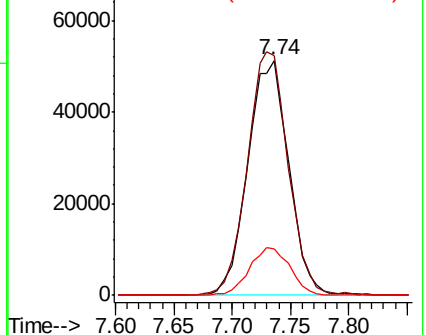
113 100

111 103.5 82.6 124.0

192 20.2 15.8 23.8



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: 2.324 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

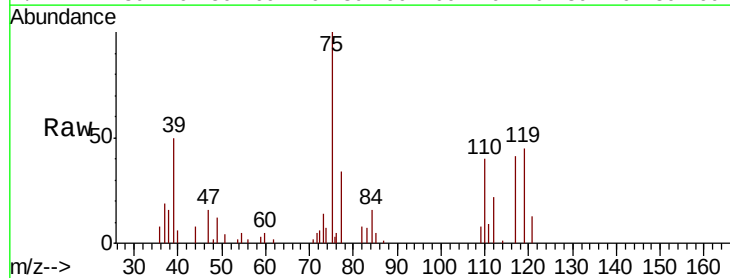
Tgt Ion: 75 Resp: 9593

Ion Ratio Lower Upper

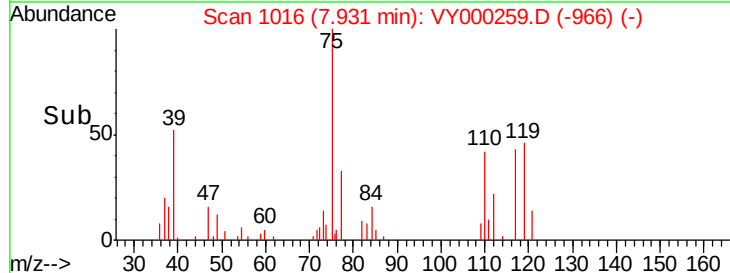
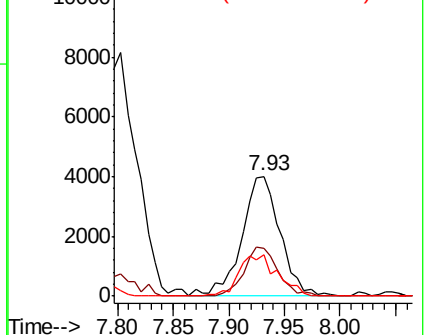
75 100

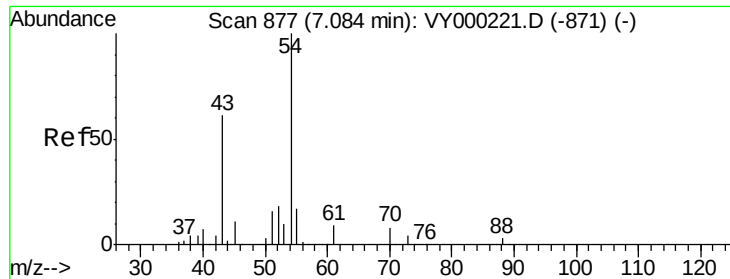
110 36.2 18.4 55.2

77 34.5 24.7 37.1



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

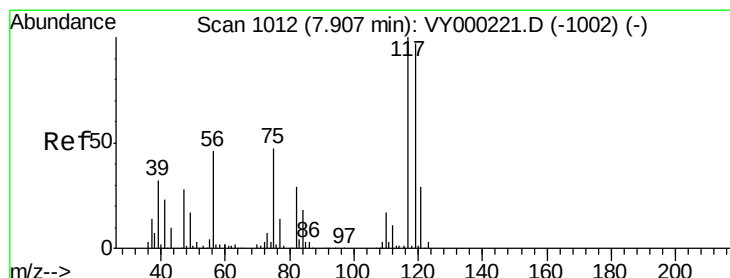
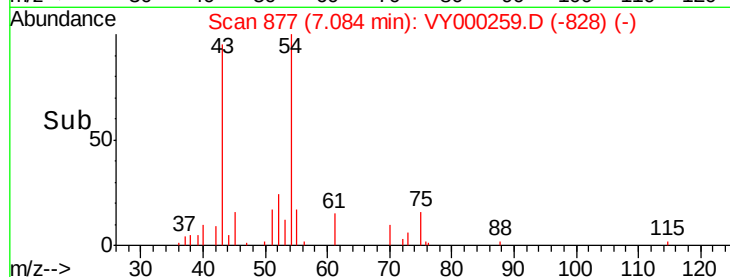
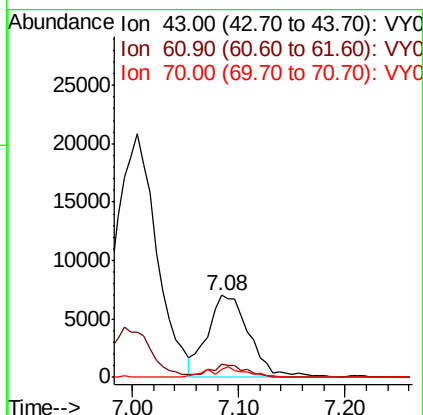
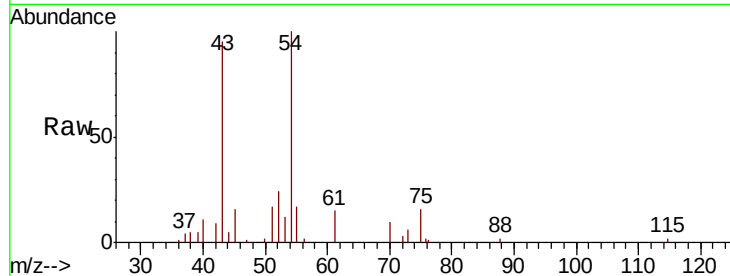




#37
Ethyl Acetate
Concen: 2.558 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

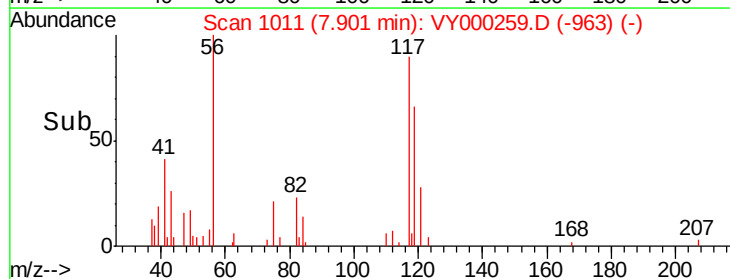
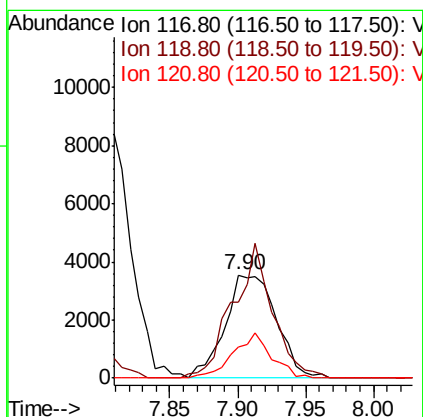
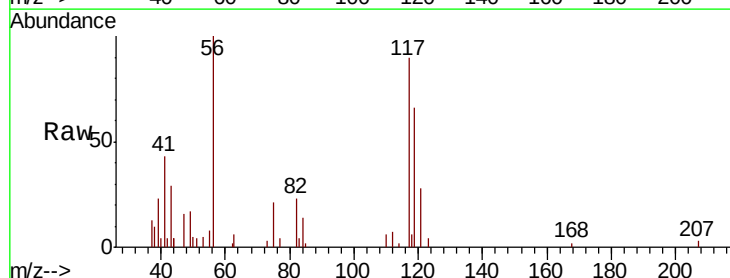
Instrument :
MSVOA_Y
ClientSampled :

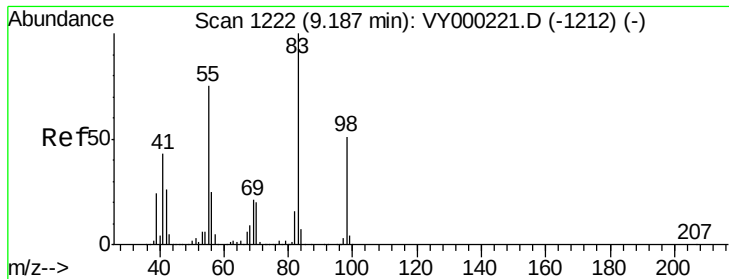
Tot Ion: 43 Resp: 19088
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 2.321 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 117 Resp: 9340
Ion Ratio Lower Upper
117 100
119 73.6 77.2 115.8#
121 30.5 23.1 34.7

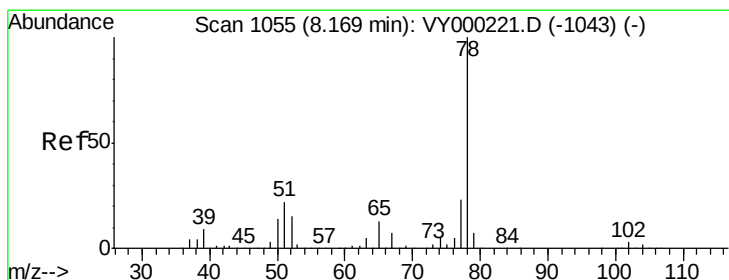
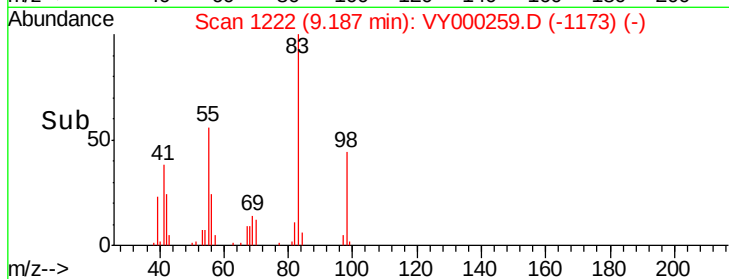
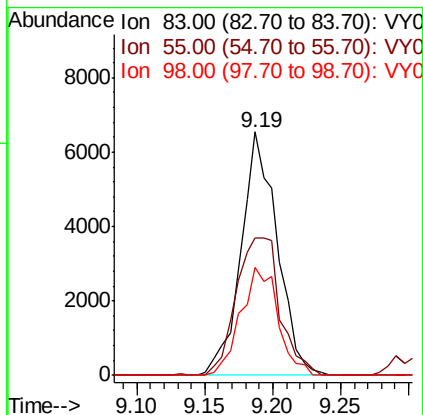
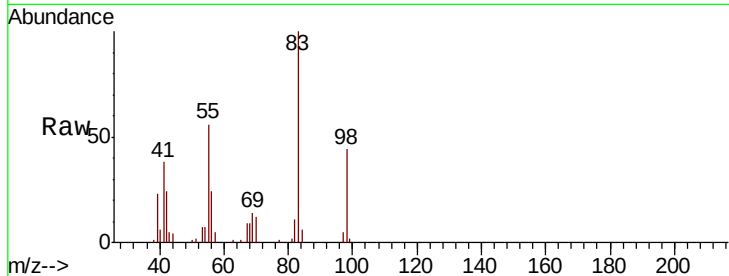




#39
Methylvlcyclohexane
Concen: 2.349 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

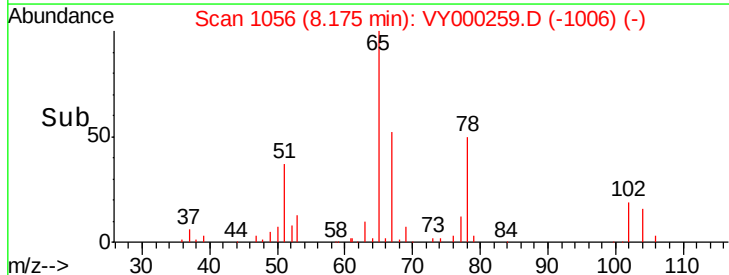
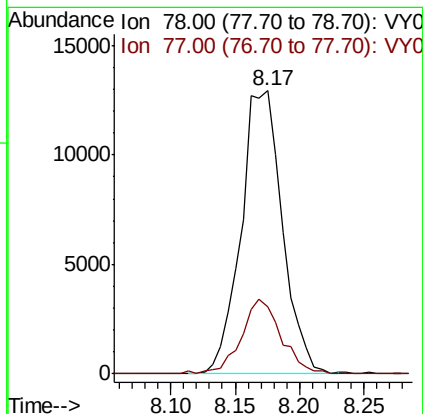
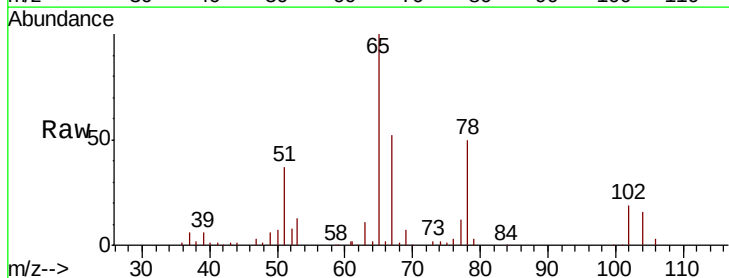
Instrument :
MSVOA_Y
ClientSampleId :

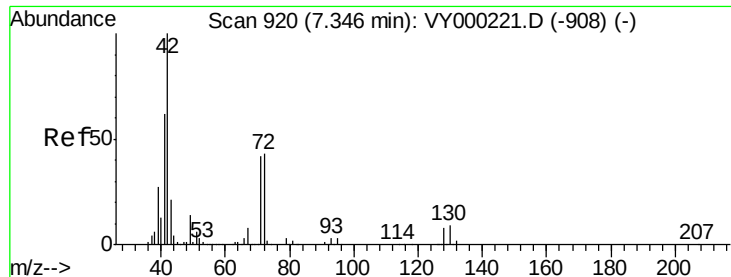
Tot Ion: 83 Resp: 12168
Ion Ratio Lower Upper
83 100
55 56.3 60.2 90.4#
98 44.3 40.5 60.7



#40
Benzene
Concen: 2.300 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 78 Resp: 28798
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

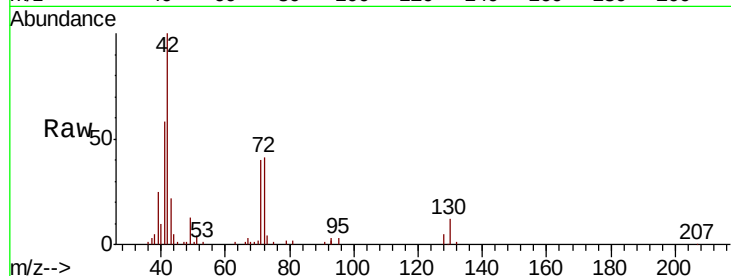




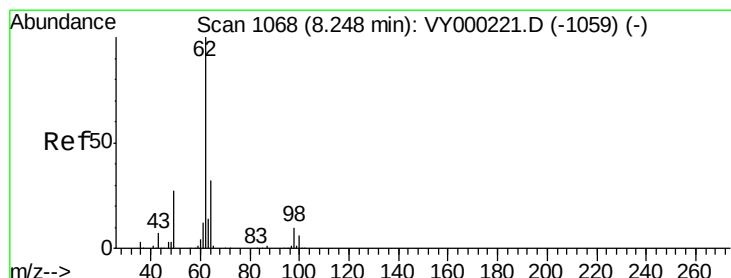
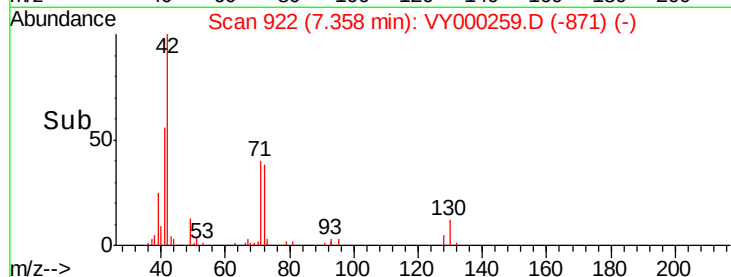
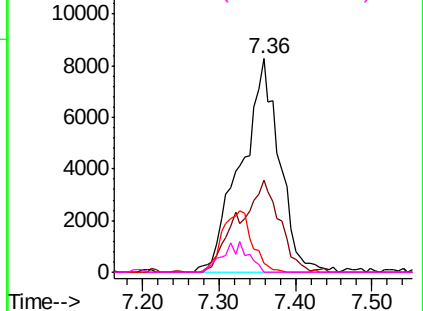
#41
Methacrylonitrile
Concen: 4.924 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 28923
Ion Ratio Lower Upper
41 100
39 31.5 74.7 112.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

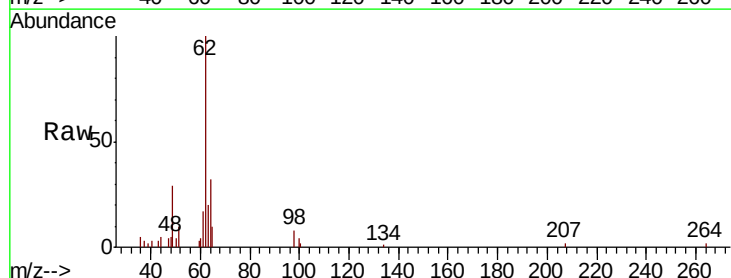


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

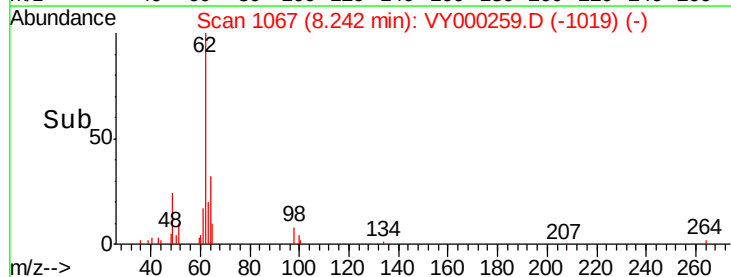
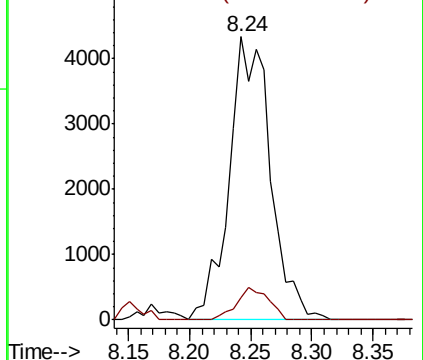


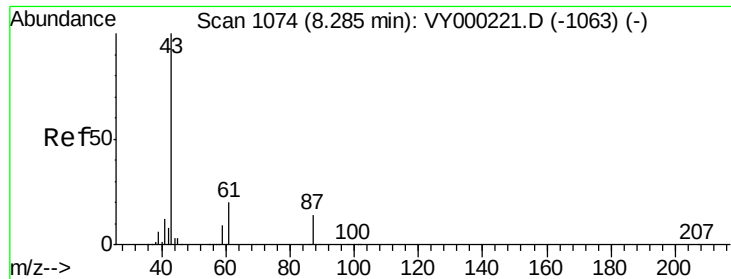
#42
1,2-Dichloroethane
Concen: 2.492 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 62 Resp: 10135
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 2.307 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

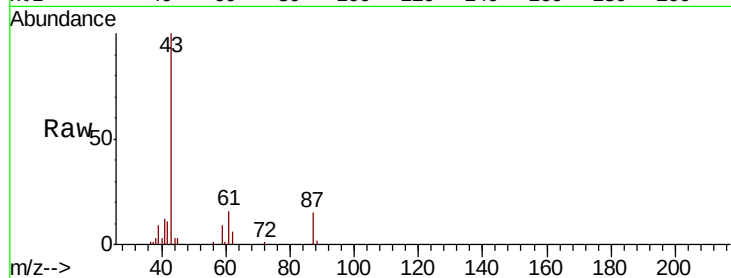
Tot Ion: 43 Resp: 22159

Ion Ratio Lower Upper

43 100

61 25.2 20.1 30.1

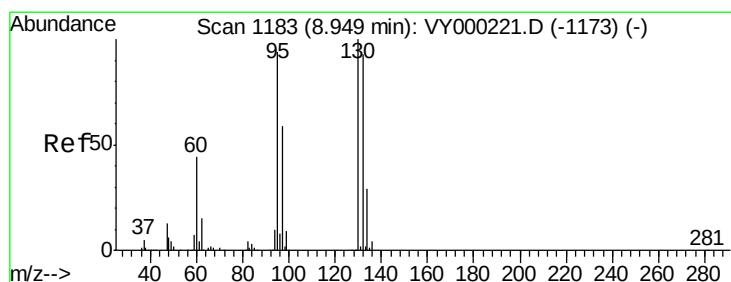
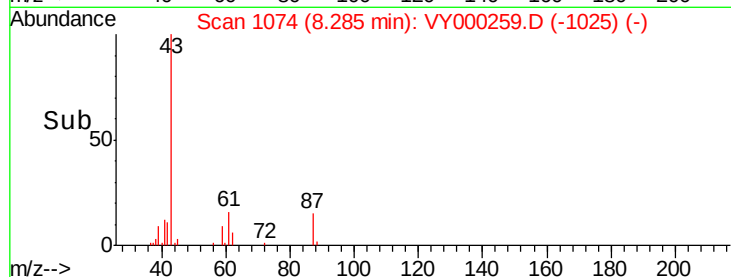
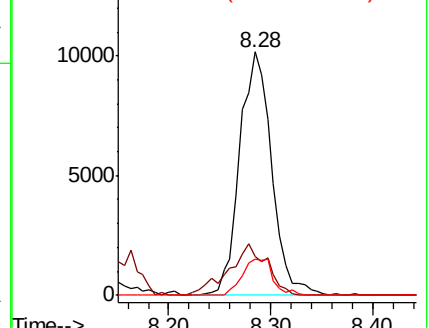
87 14.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY000221.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY000221.D (-1063) (-)



#44

Trichloroethene

Concen: 2.452 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000259.D

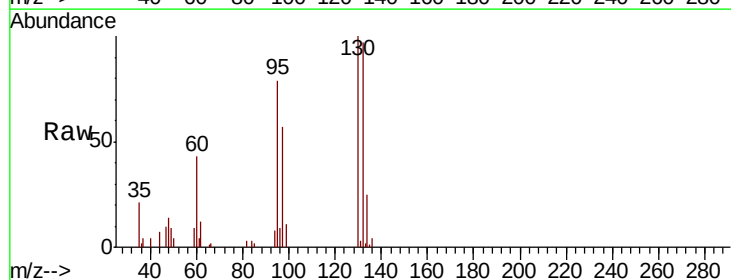
Acq: 10 Oct 2019 17:29

Tgt Ion: 130 Resp: 8327

Ion Ratio Lower Upper

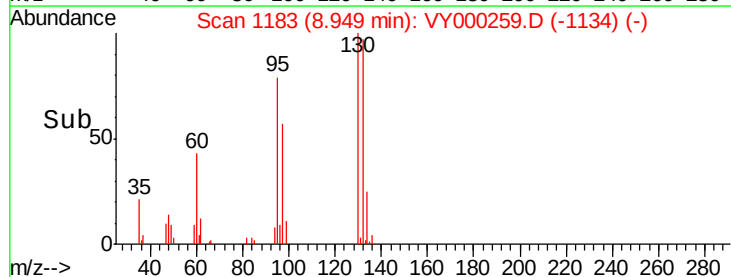
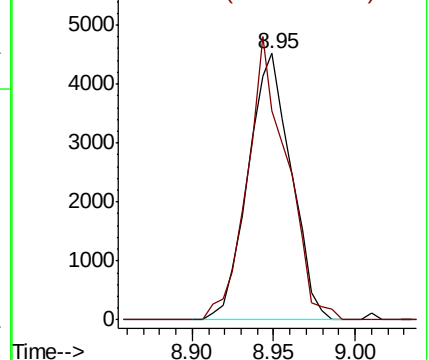
130 100

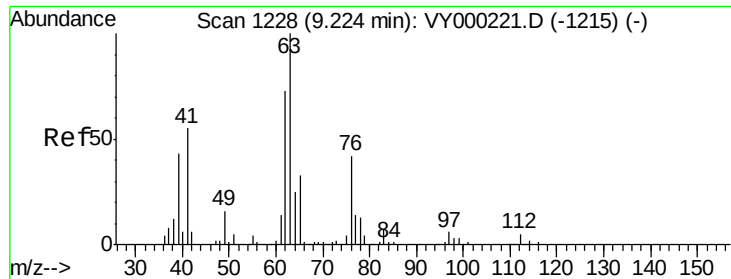
95 78.5 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000221.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000221.D (-1173) (-)

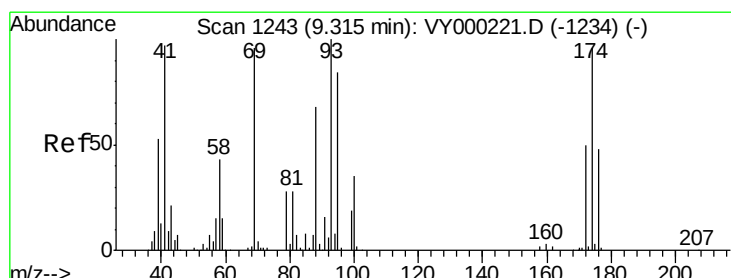
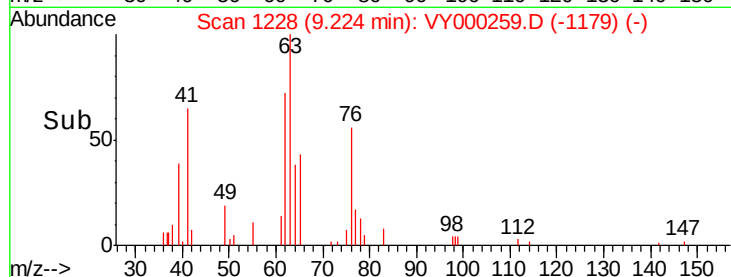
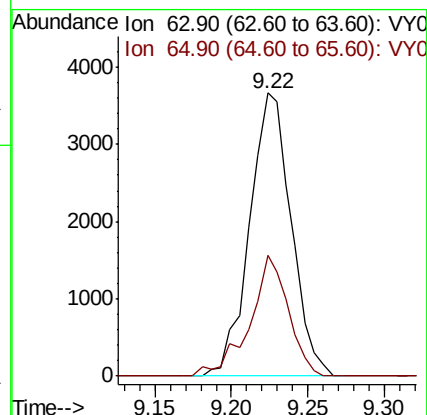
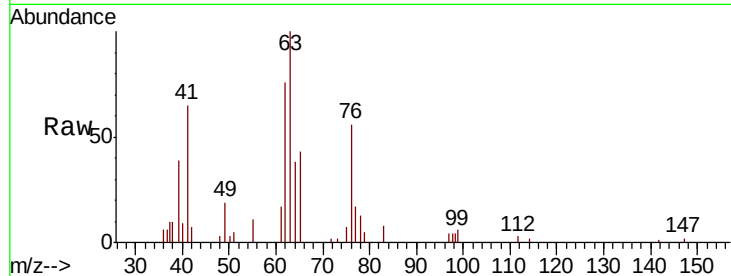




#45
 1,2-Dichloropropane
 Concen: 2.205 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

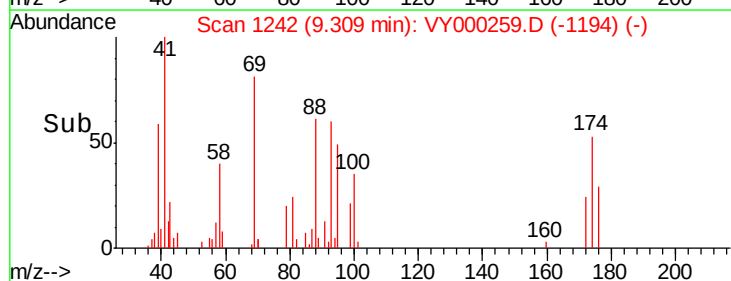
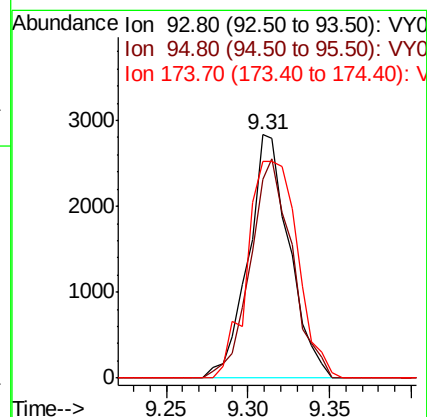
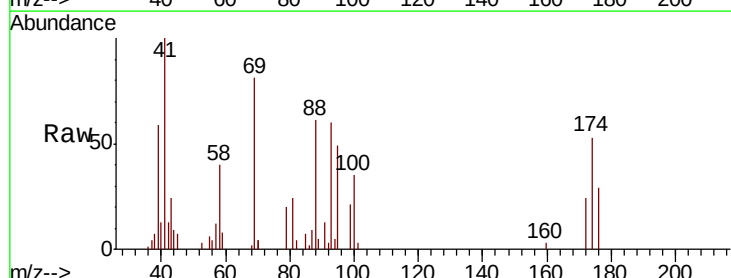
Instrument :
 MSVOA_Y
 ClientSampled :

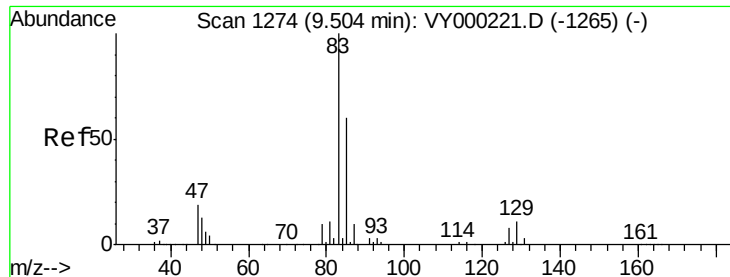
Tot Ion: 63 Resp: 6916
 Ion Ratio Lower Upper
 63 100
 65 42.7 26.6 39.8#



#46
 Dibromomethane
 Concen: 2.260 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion: 93 Resp: 4971
 Ion Ratio Lower Upper
 93 100
 95 91.5 67.0 100.6
 174 108.9 77.5 116.3





#47

Bromodichloromethane

Concen: 2.227 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampled :

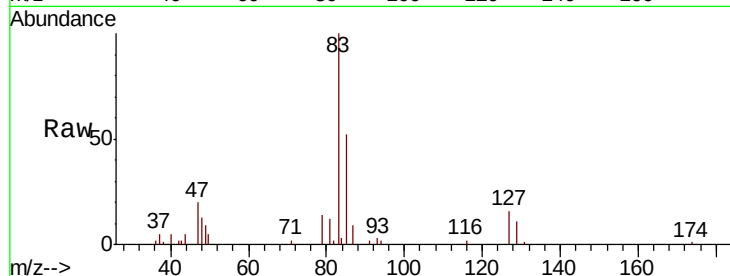
Tot Ion: 83 Resp: 9578

Ion Ratio Lower Upper

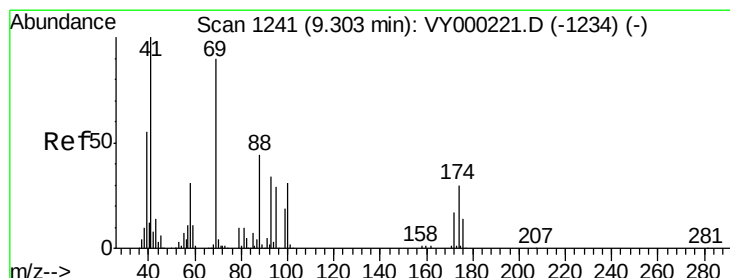
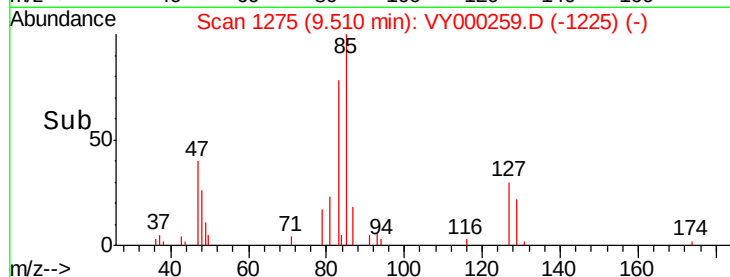
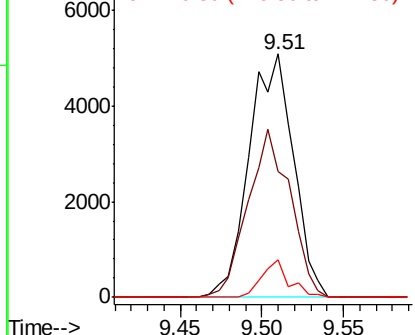
83 100

85 51.7 48.0 72.0

127 15.6 6.5 9.7#



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: 2.544 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

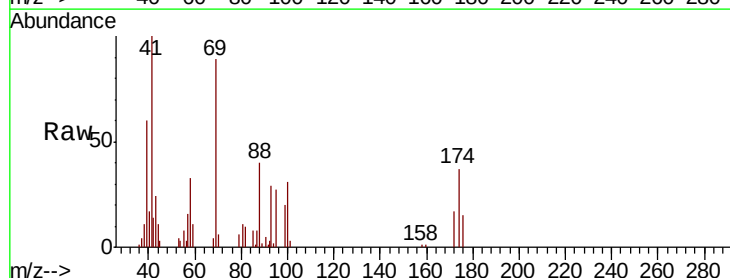
Tgt Ion: 41 Resp: 11032

Ion Ratio Lower Upper

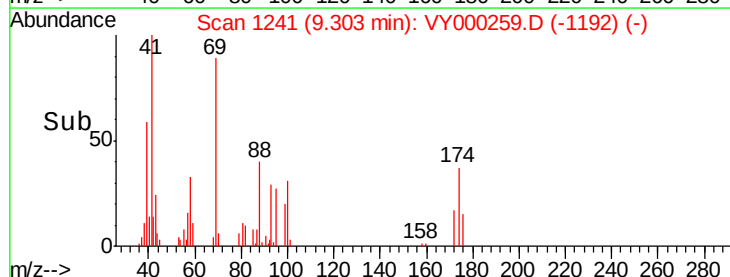
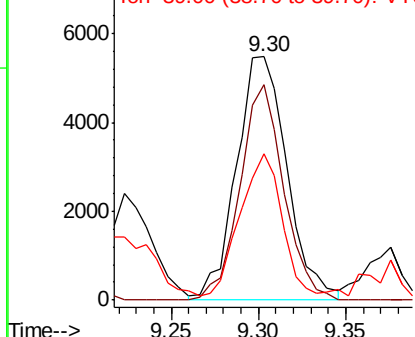
41 100

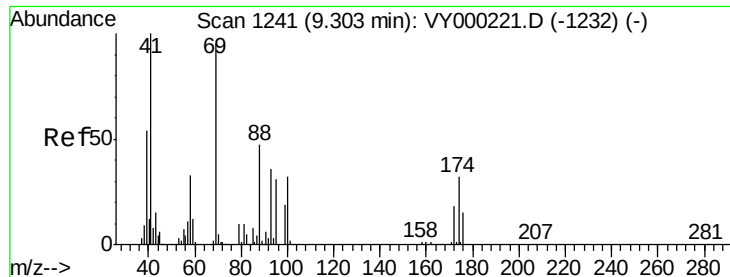
69 76.7 70.3 105.5

39 51.8 45.5 68.3



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

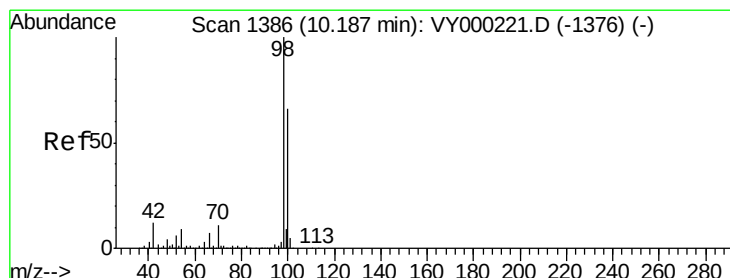
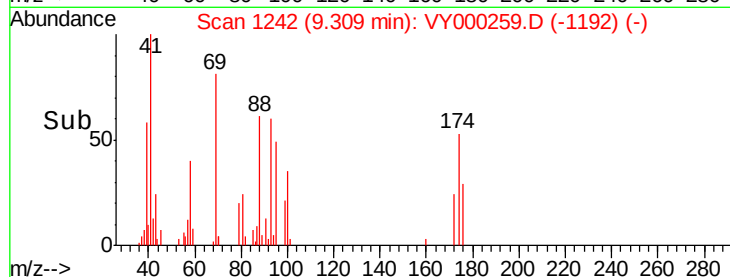
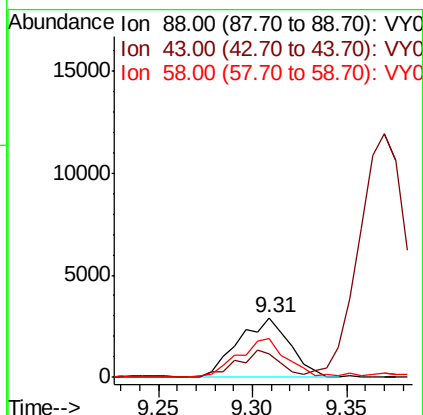
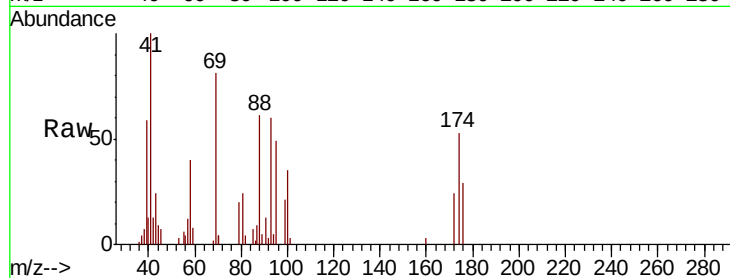




#49
1,4-Dioxane
Concen: 49.358 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

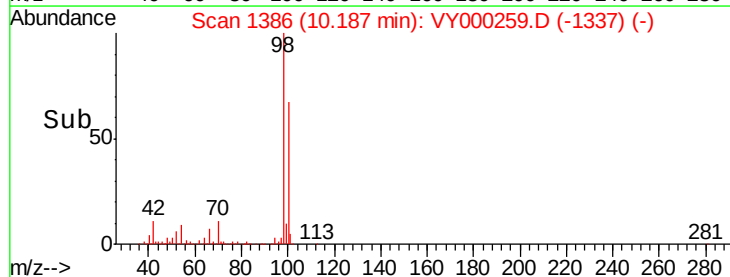
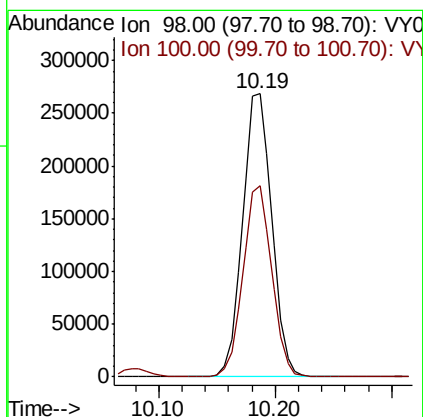
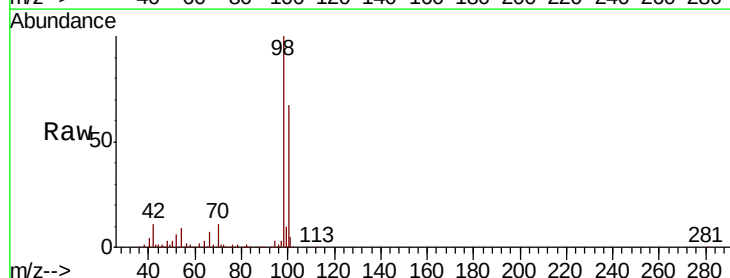
Instrument :
MSVOA_Y
ClientSampleId :

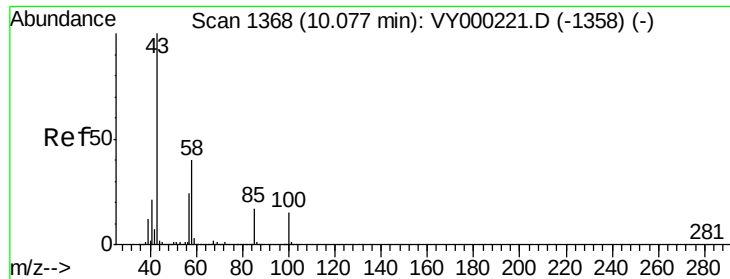
Tot Ion: 88 Resp: 5494
Ion Ratio Lower Upper
88 100
43 37.9 24.5 36.7#
58 62.1 54.2 81.2



#50
Toluene-d8
Concen: 47.454 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 98 Resp: 471250
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 11.701 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

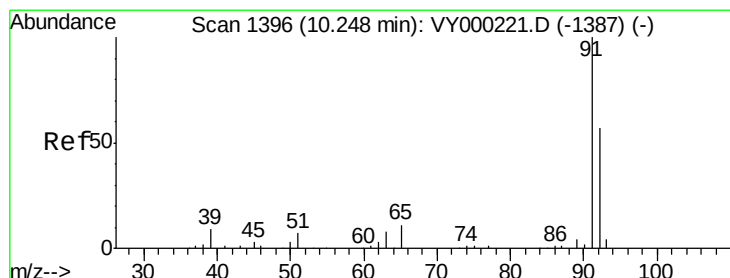
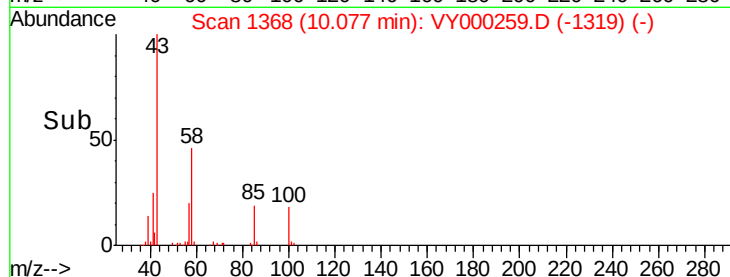
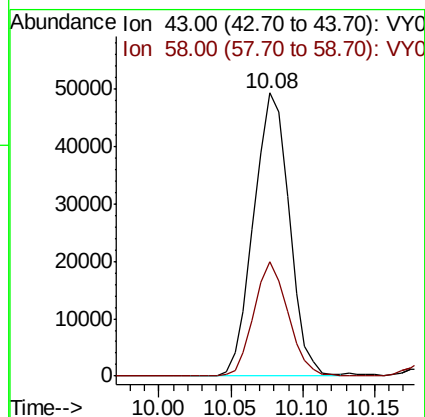
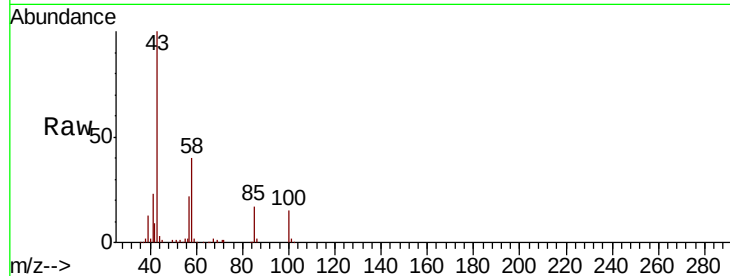
ClientSampled :

Tot Ion: 43 Resp: 84480

Ion Ratio Lower Upper

43 100

58 38.8 31.7 47.5



#52

Toluene

Concen: 2.300 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000259.D

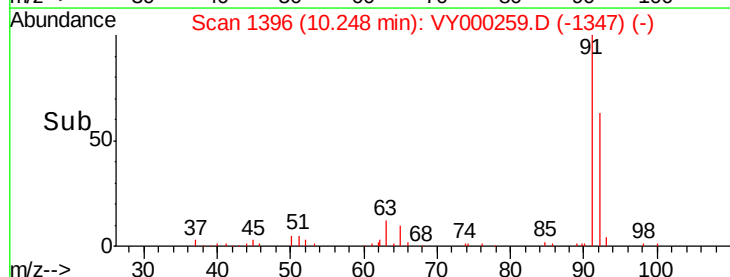
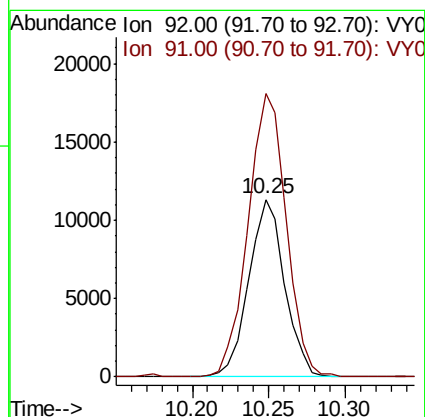
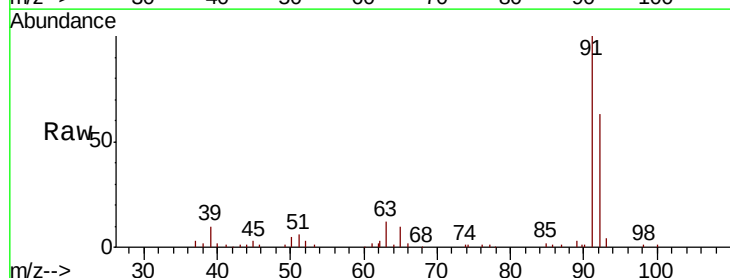
Acq: 10 Oct 2019 17:29

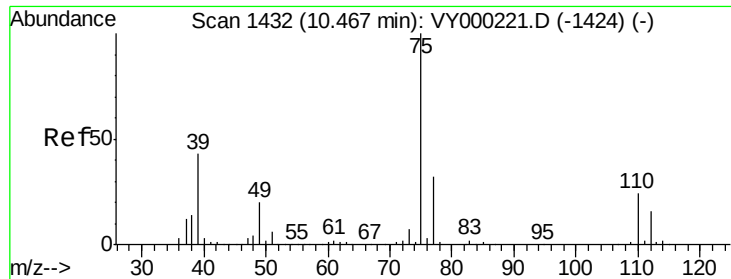
Tgt Ion: 92 Resp: 18471

Ion Ratio Lower Upper

92 100

91 169.4 139.1 208.7

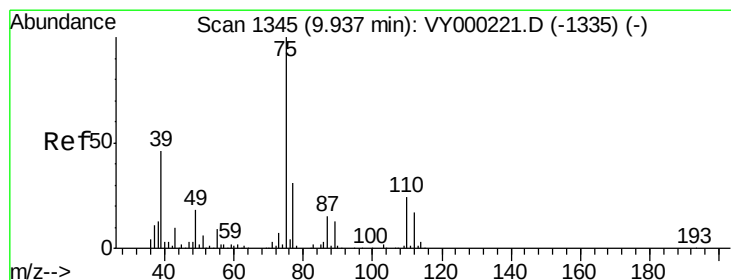
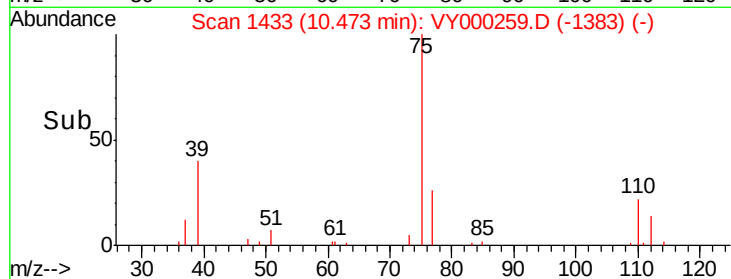
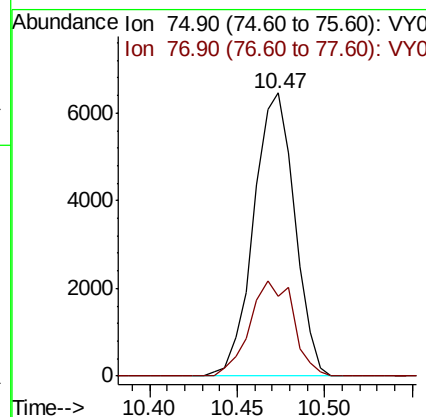
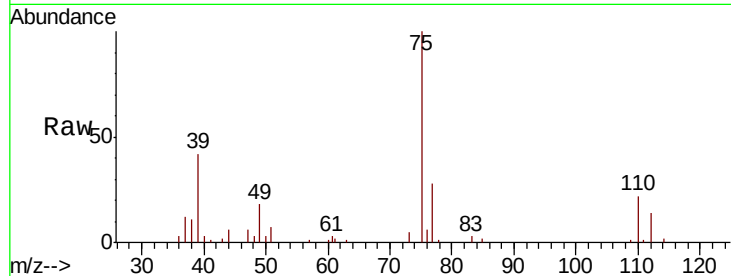




#53
t-1,3-Dichloropropene
Concen: 2.157 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

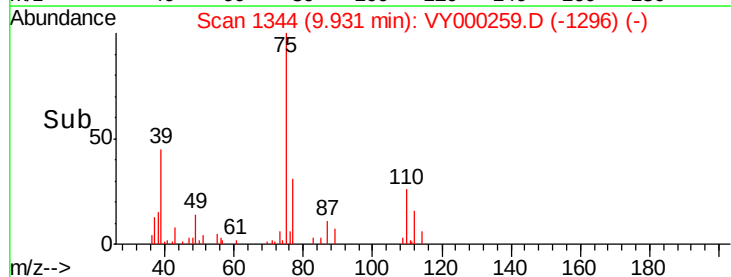
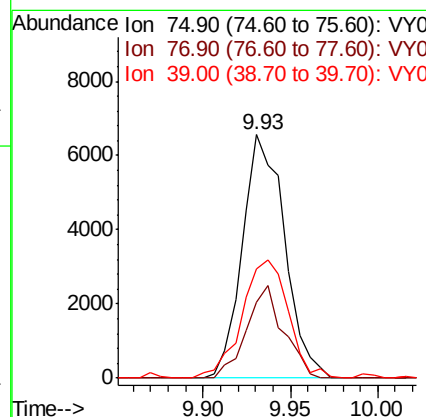
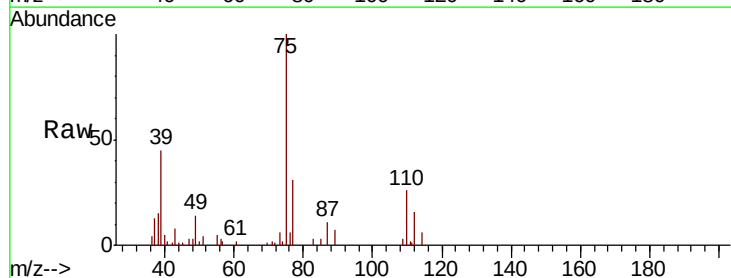
Instrument :
MSVOA_Y
ClientSampleId :

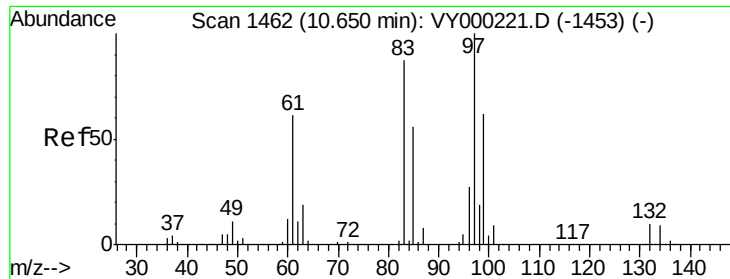
Tot Ion: 75 Resp: 10528
Ion Ratio Lower Upper
75 100
77 28.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 2.088 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 75 Resp: 11026
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 44.7 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 2.562 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 8116

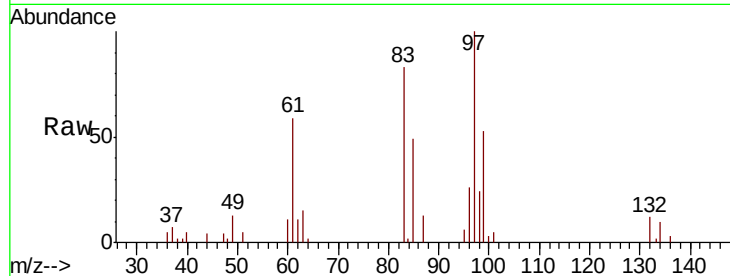
Ion Ratio Lower Upper

97 100

83 83.0 69.4 104.0

85 49.1 44.6 66.8

99 52.6 49.2 73.8

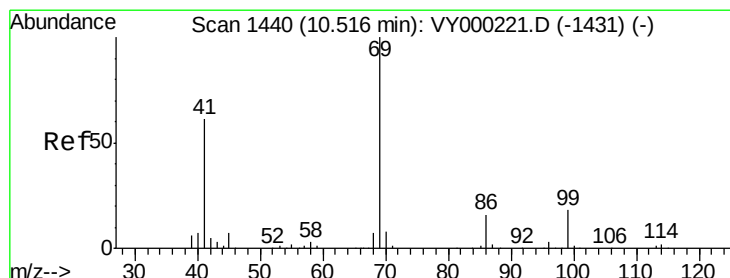
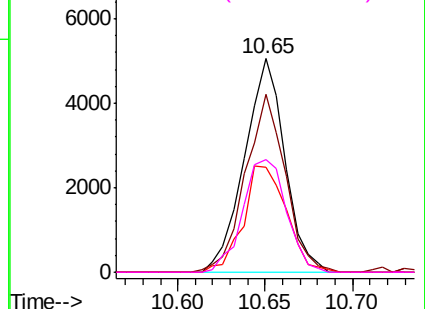
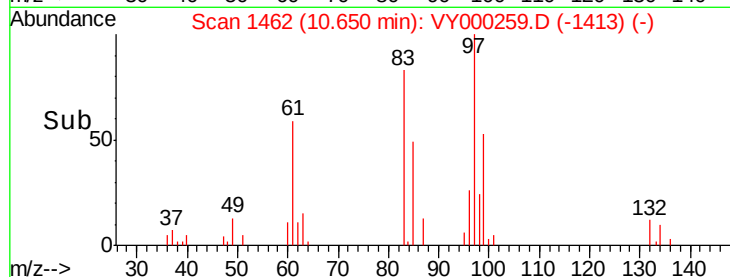


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 2.101 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

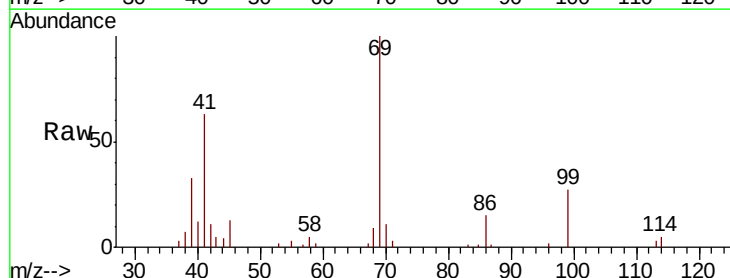
Tgt Ion: 69 Resp: 11718

Ion Ratio Lower Upper

69 100

41 66.3 51.2 76.8

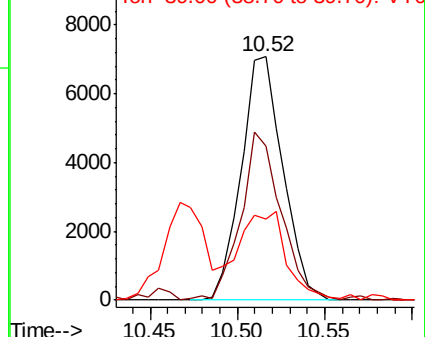
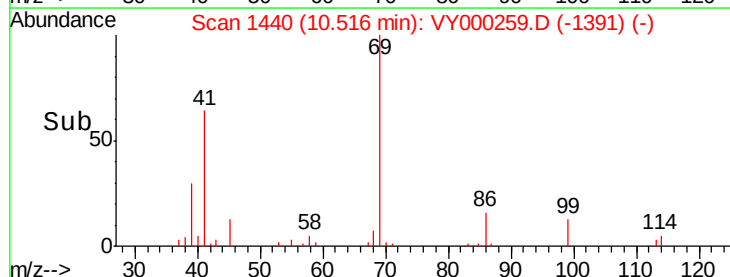
39 40.1 27.0 40.4

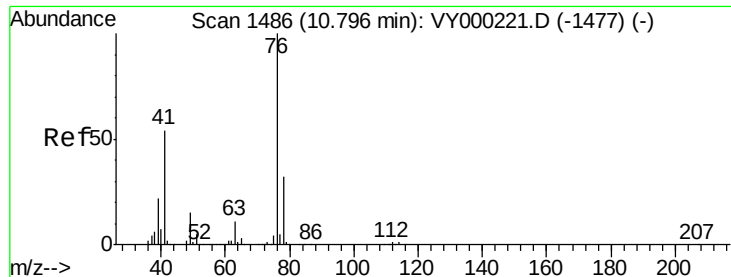


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 2.270 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

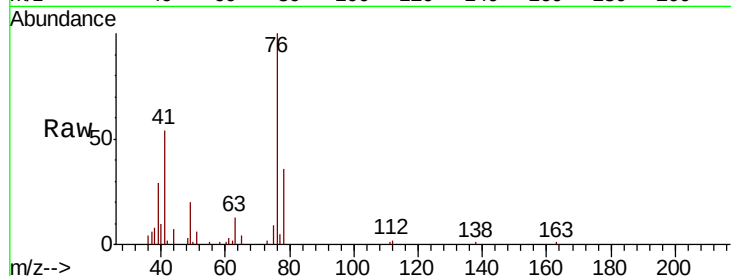
ClientSampleId :

Tot Ion: 76 Resp: 12278

Ion Ratio Lower Upper

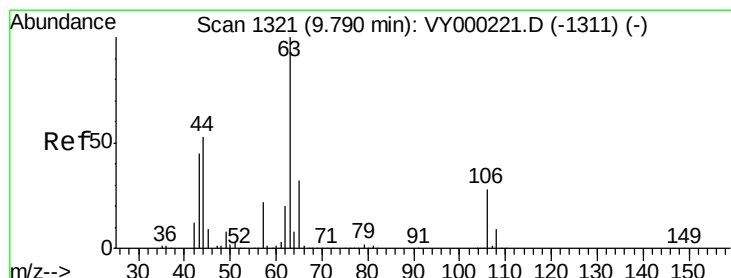
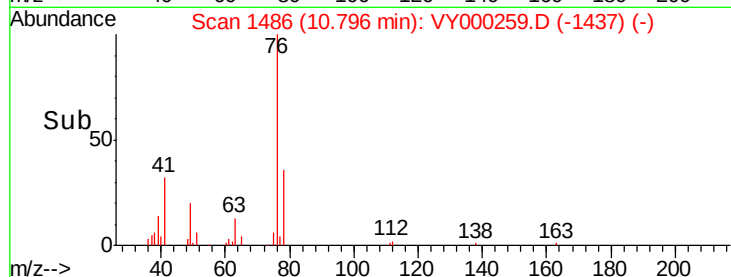
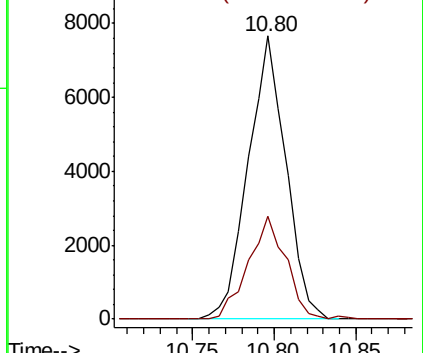
76 100

78 36.1 26.0 39.0



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: 12.064 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000259.D

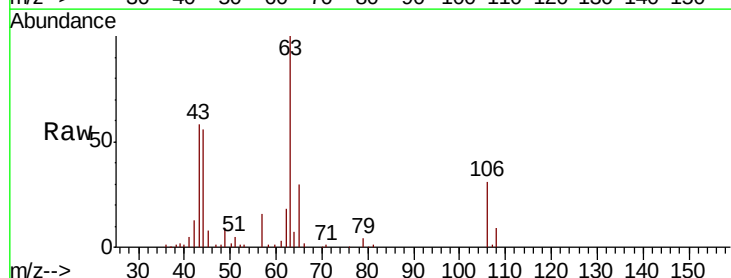
Acq: 10 Oct 2019 17:29

Tgt Ion: 63 Resp: 29985

Ion Ratio Lower Upper

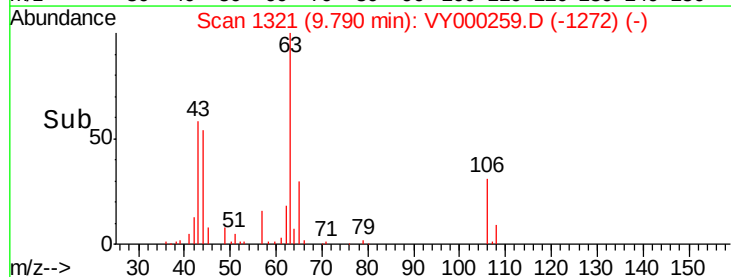
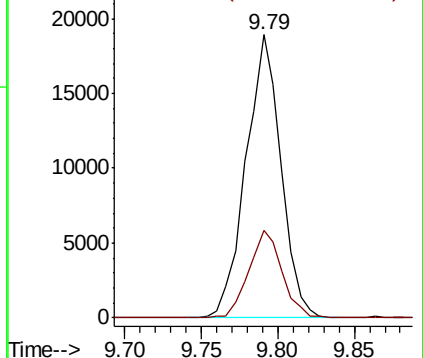
63 100

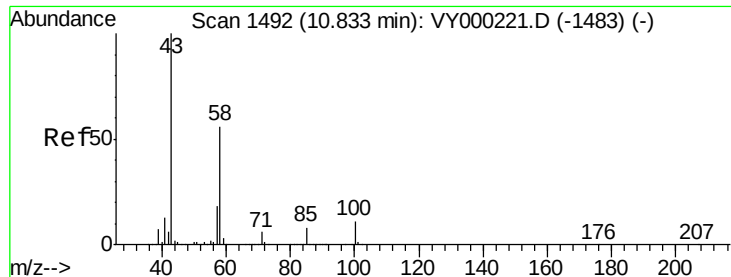
106 29.2 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

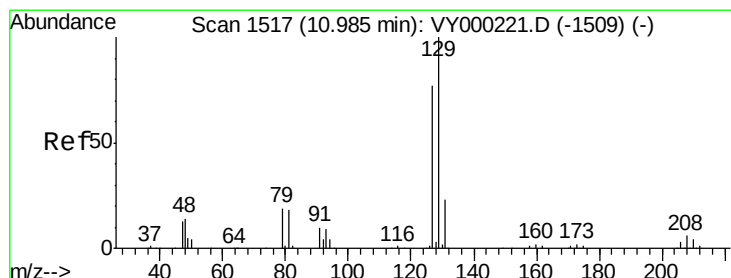
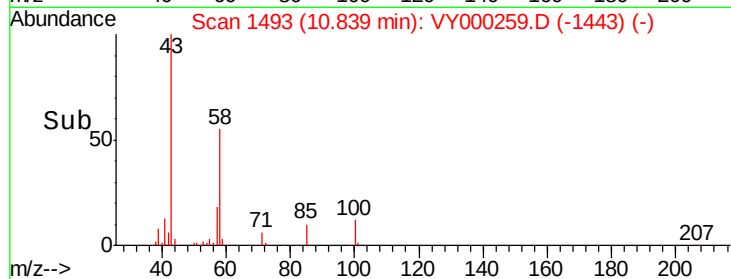
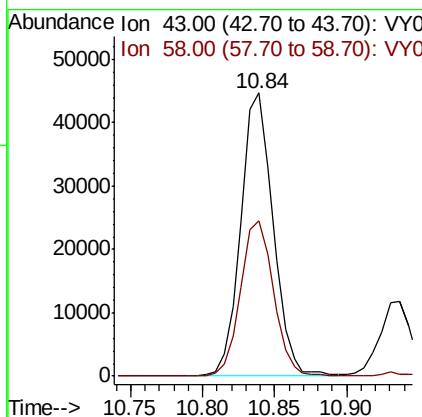
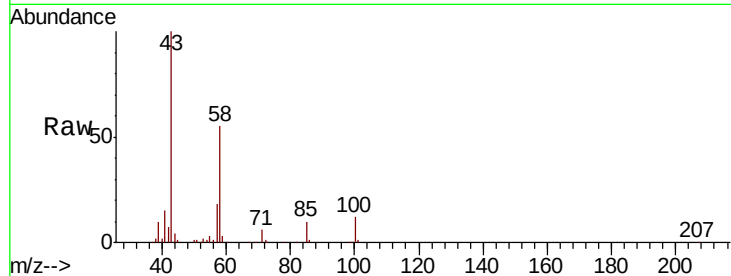




#59
2-Hexanone
Concen: 4.133 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

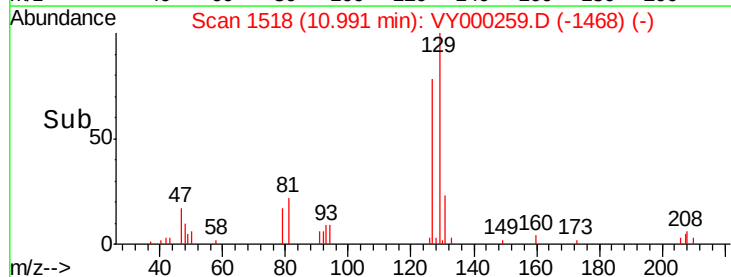
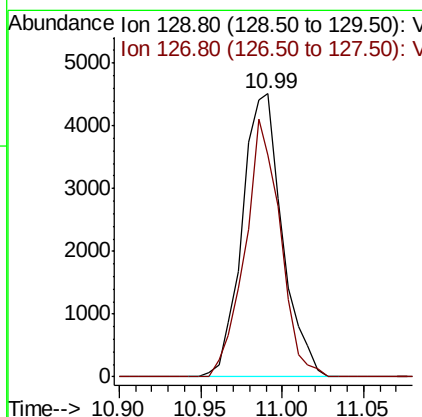
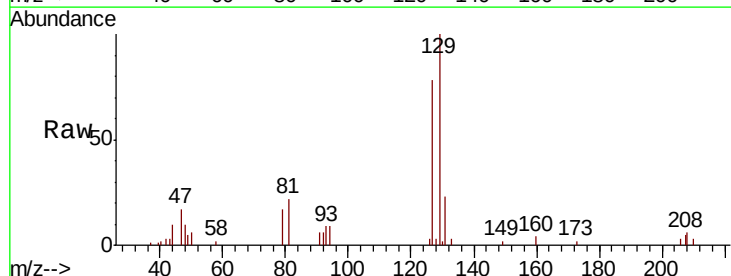
Instrument :
MSVOA_Y
ClientSampled :

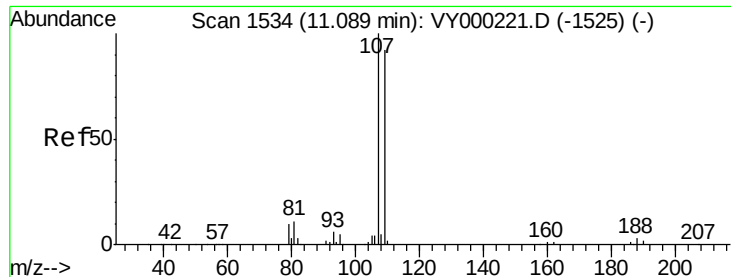
Tot Ion: 43 Resp: 69671
Ion Ratio Lower Upper
43 100
58 56.3 28.2 84.6



#60
Dibromochloromethane
Concen: 2.307 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion: 129 Resp: 7724
Ion Ratio Lower Upper
129 100
127 80.4 39.1 117.2

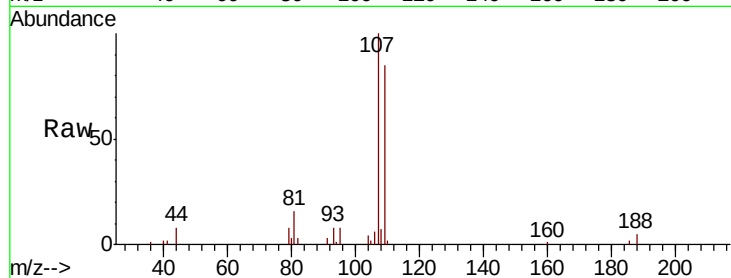




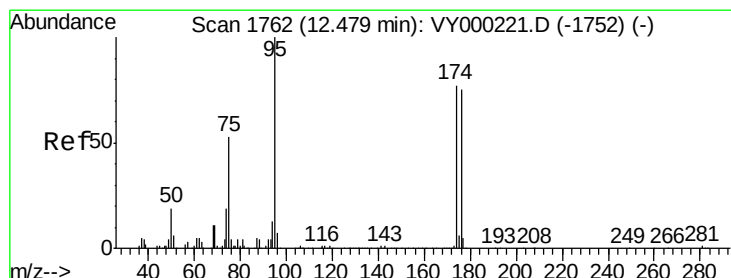
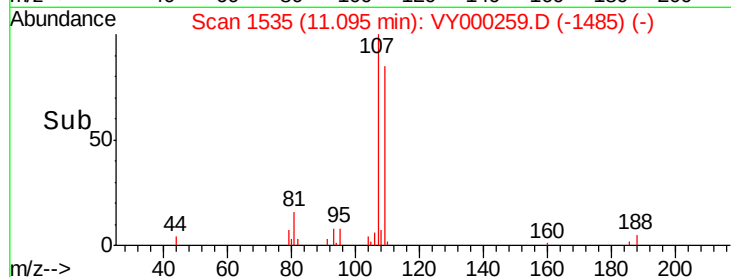
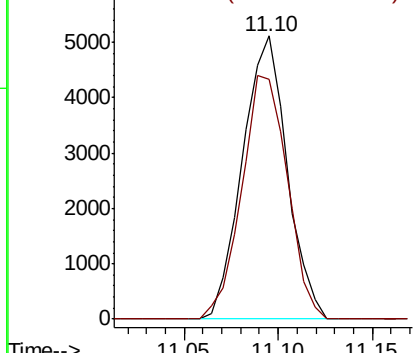
#61
 1,2-Dibromoethane
 Concen: 2.493 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 8388
 Ion Ratio Lower Upper
 107 100
 109 88.1 75.0 112.6

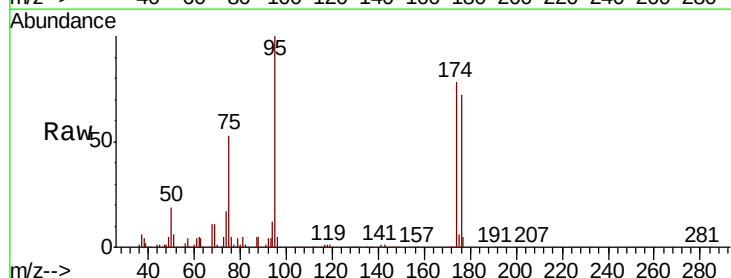


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

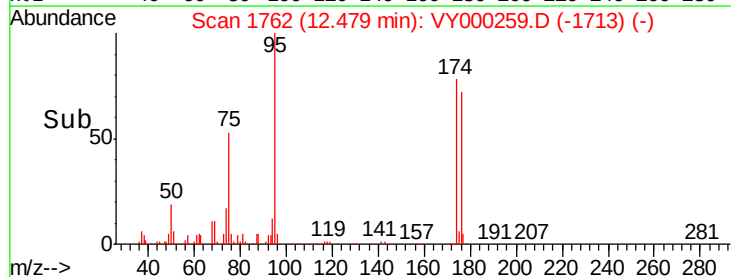
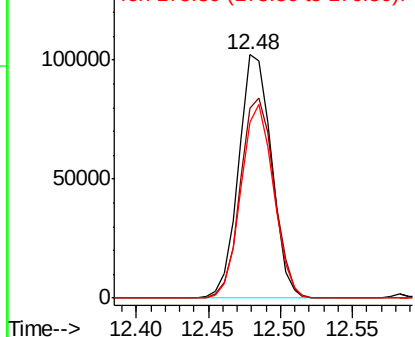


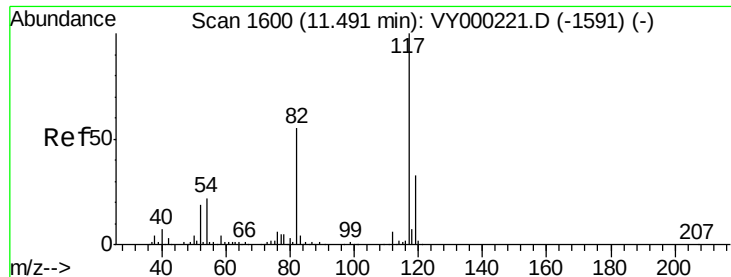
#62
 4-Bromofluorobenzene
 Concen: 46.120 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion: 95 Resp: 161647
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 157.0
 176 79.3 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): VY0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

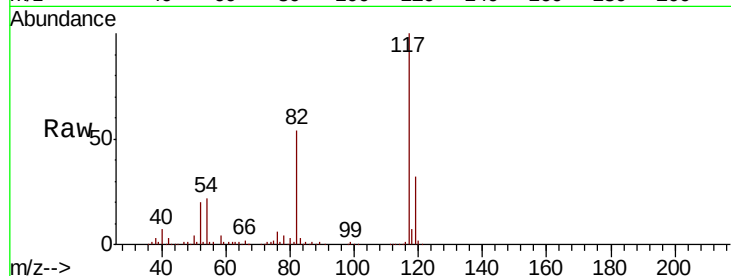




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.4	66.6
119	32.3	26.2	39.2

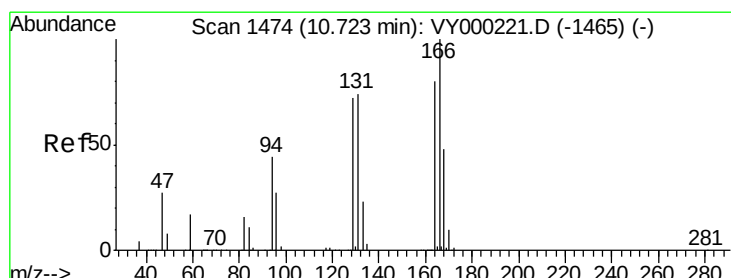
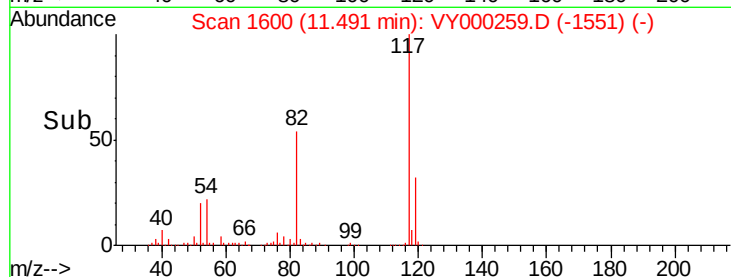
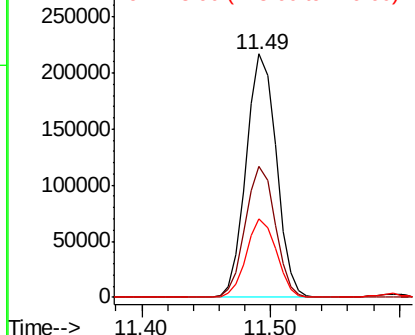


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 2.668 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	100.3	150.5
129	88.4	72.4	108.6
131	86.5	74.4	111.6

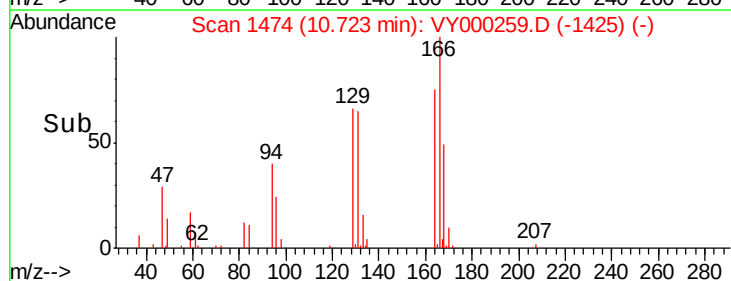
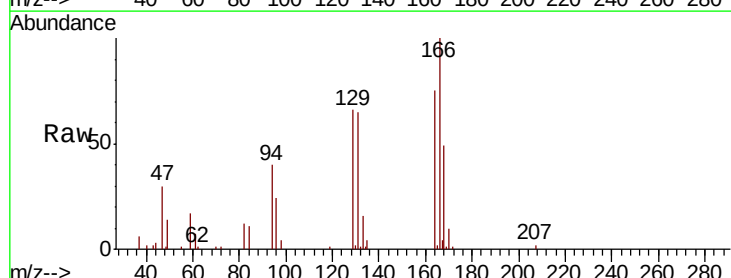
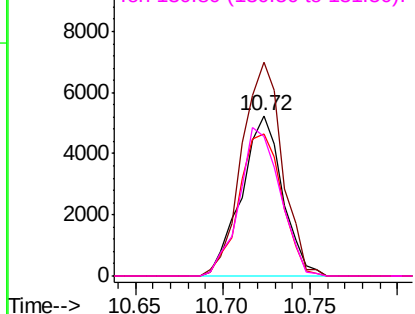
Abundance

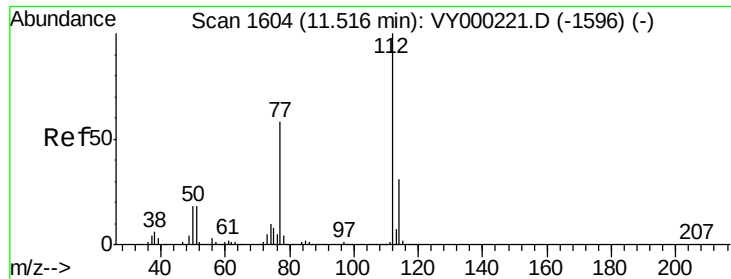
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

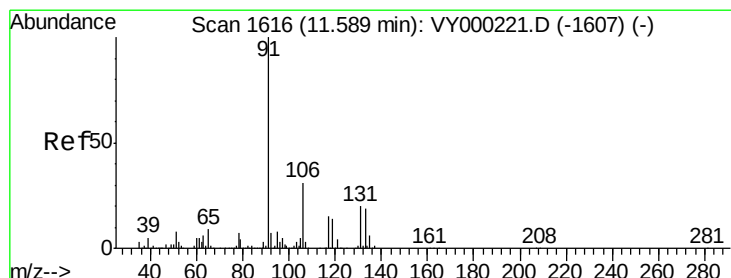
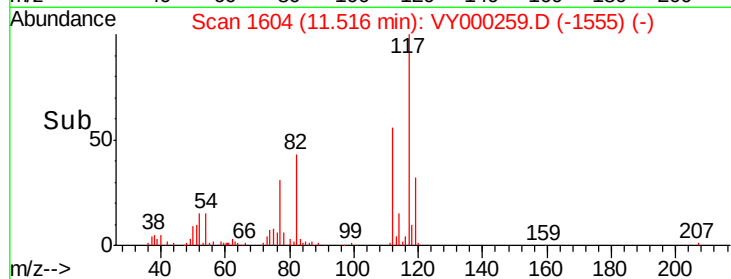
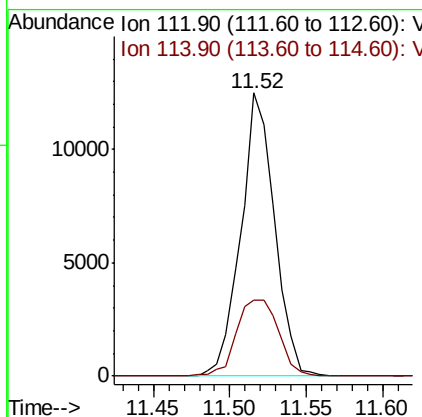
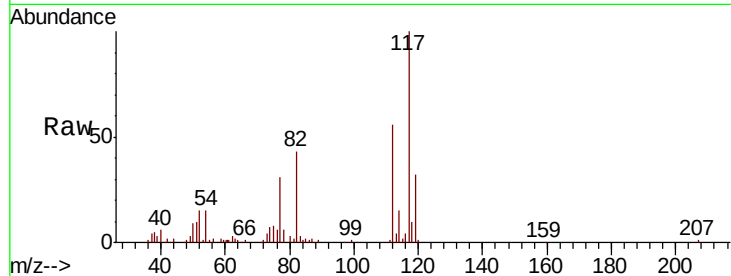




#65
Chlorobenzene
Concen: 2.350 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

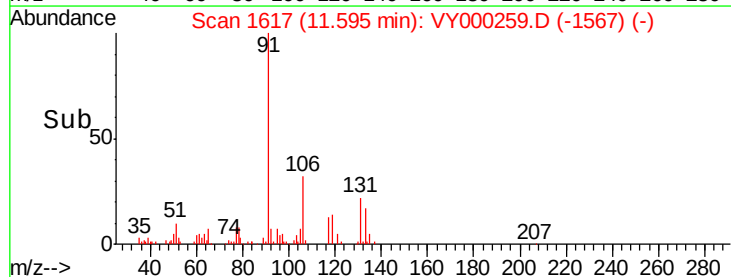
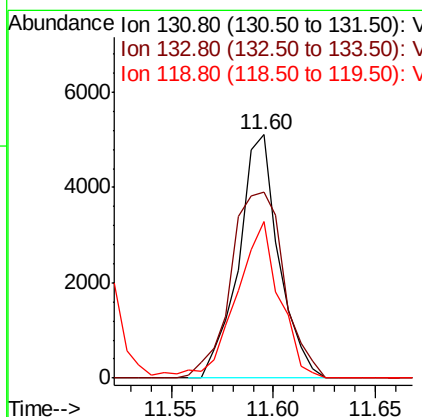
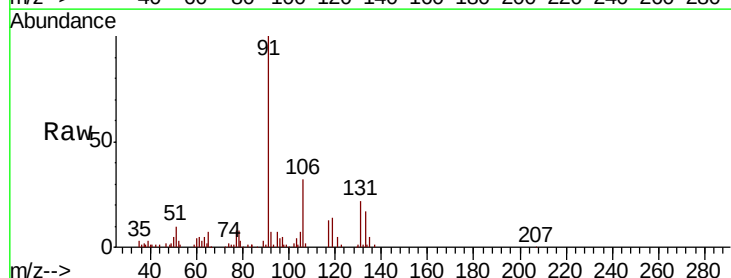
Instrument :
MSVOA_Y
ClientSampleId :

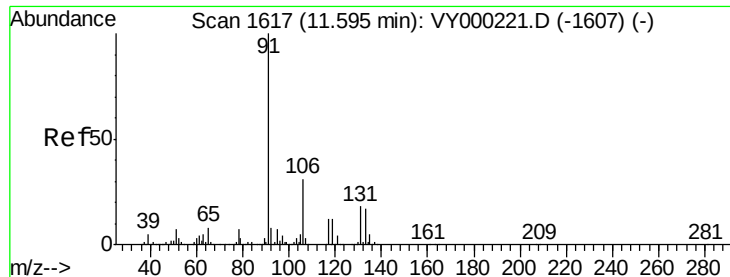
Tot Ion:112 Resp: 19069
Ion Ratio Lower Upper
112 100
114 26.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.412 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion:131 Resp: 6998
Ion Ratio Lower Upper
131 100
133 101.3 47.0 141.2
119 68.5 33.3 99.8





#67

Ethyl Benzene

Concen: 2.316 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

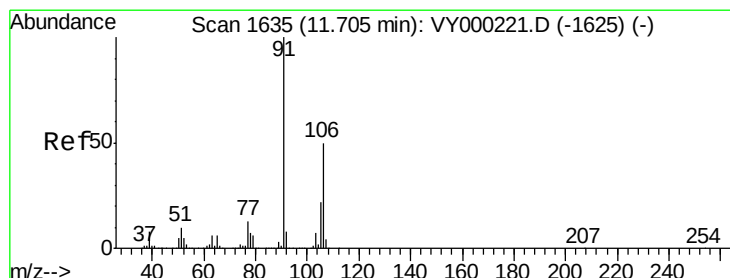
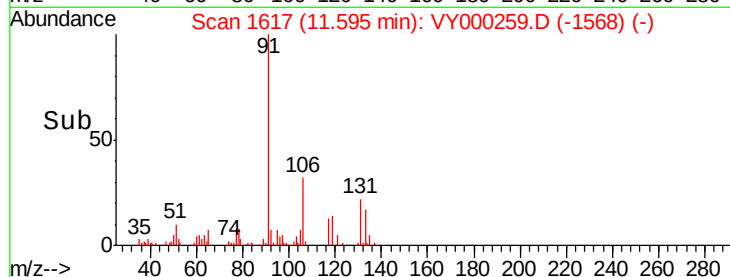
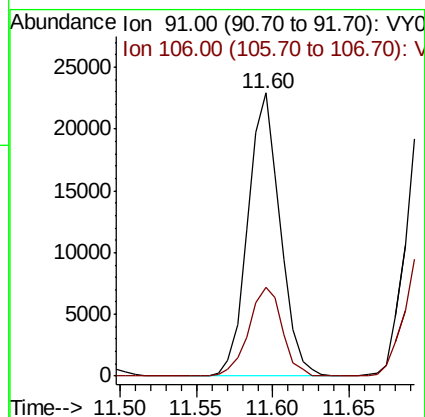
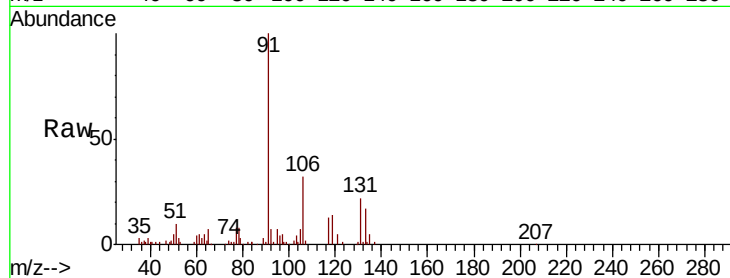
ClientSampleId :

Tot Ion: 91 Resp: 33599

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 4.637 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000259.D

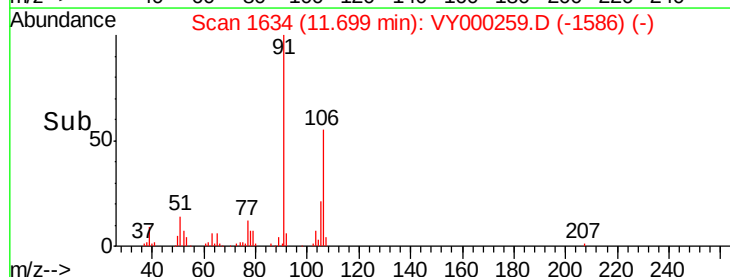
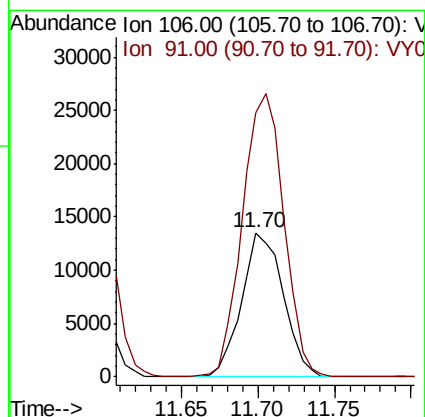
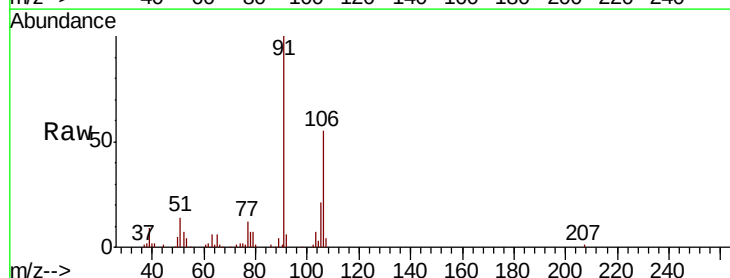
Acq: 10 Oct 2019 17:29

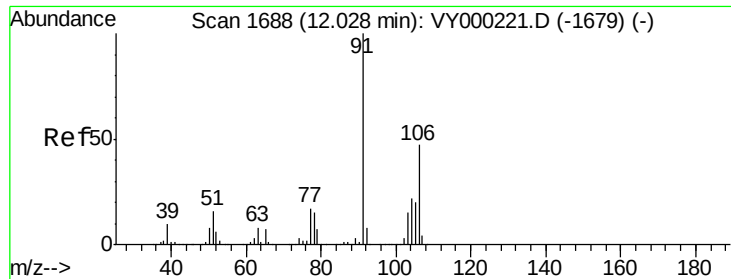
Tgt Ion: 106 Resp: 25665

Ion Ratio Lower Upper

106 100

91 195.1 159.9 239.9

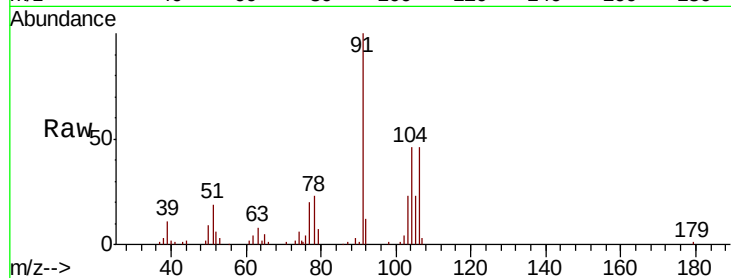




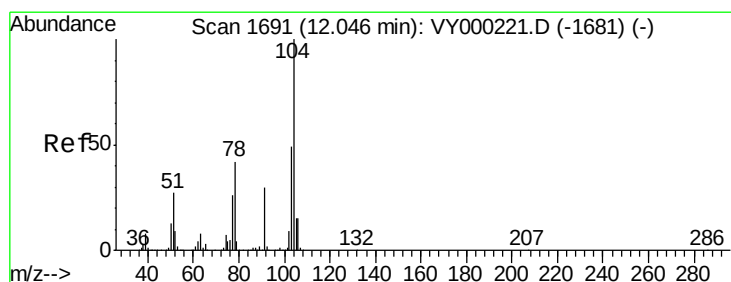
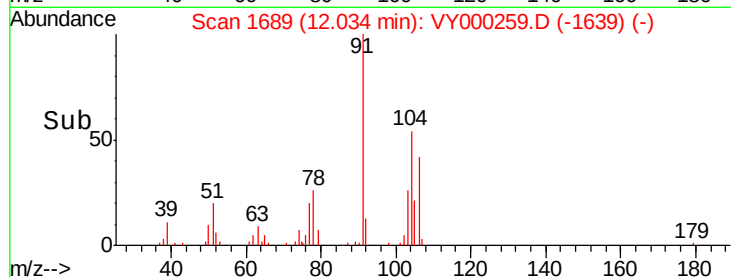
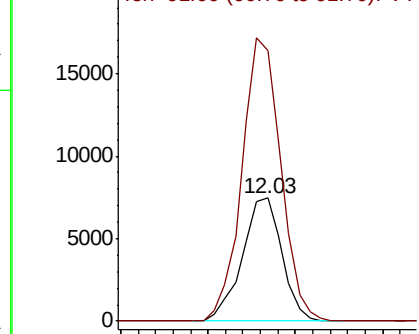
#69
o-Xylene
Concen: 2.208 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 11774
Ion Ratio Lower Upper
106 100
91 225.0 106.1 318.1

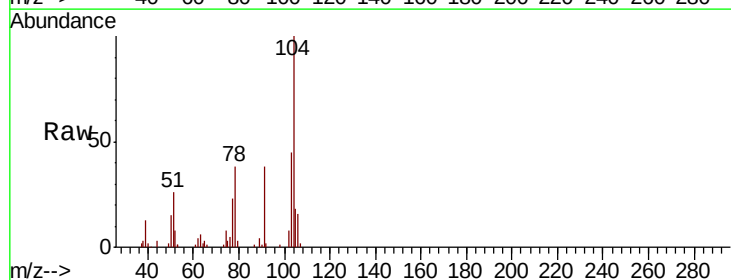


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

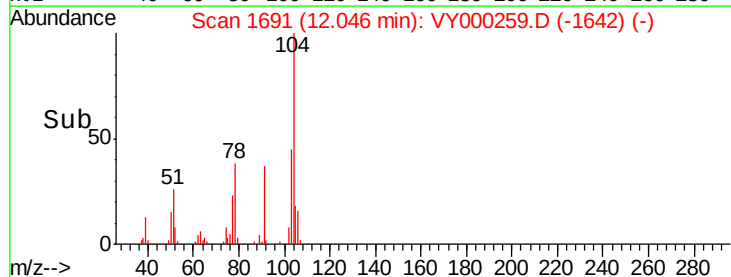
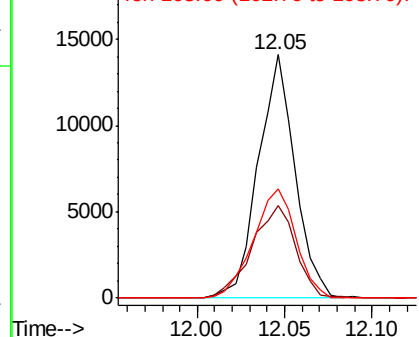


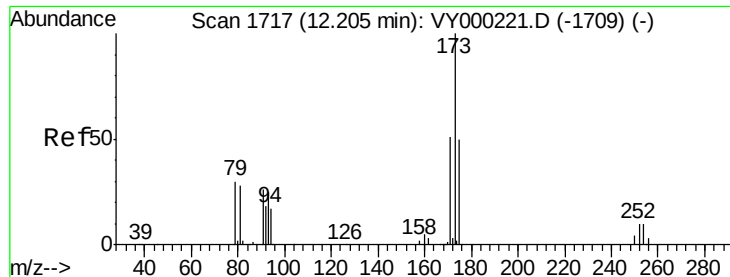
#70
Styrene
Concen: 2.237 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion:104 Resp: 20549
Ion Ratio Lower Upper
104 100
78 45.3 39.0 58.4
103 51.9 43.1 64.7



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

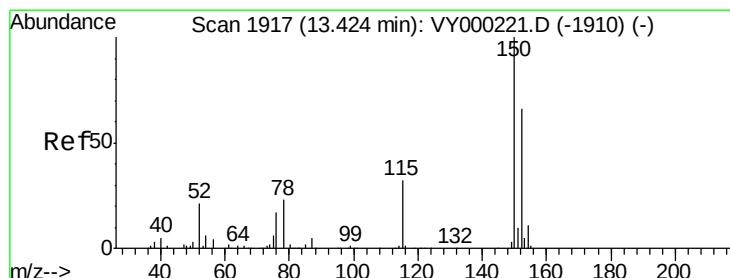
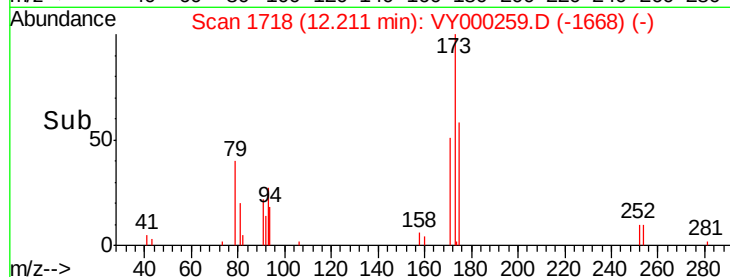
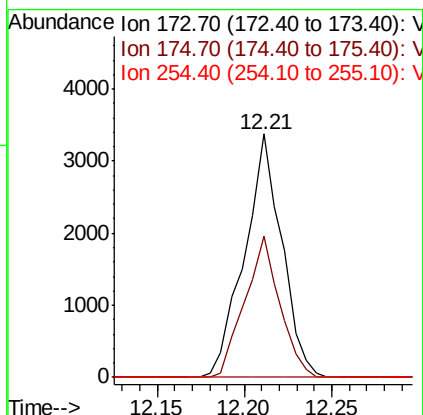
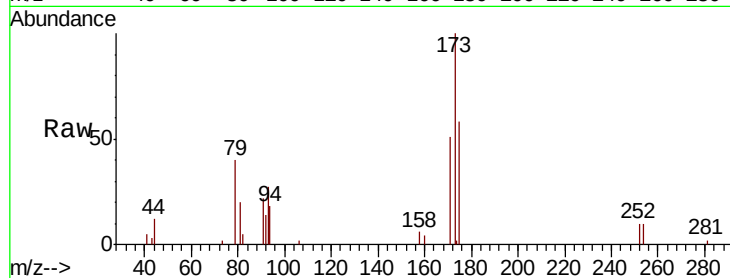




#71
Bromoform
Concen: 2.089 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

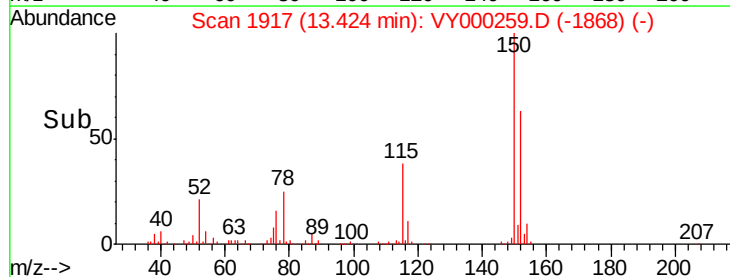
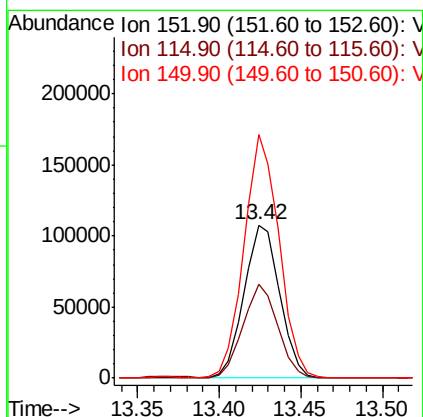
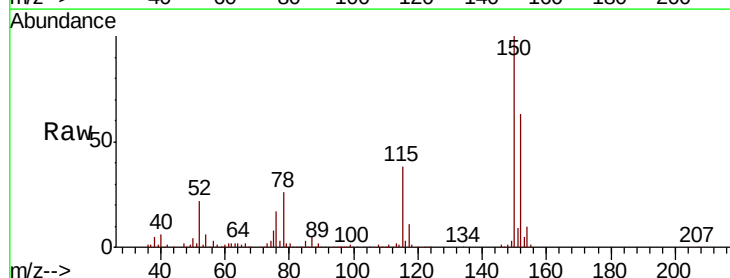
Instrument :
MSVOA_Y
ClientSampleId :

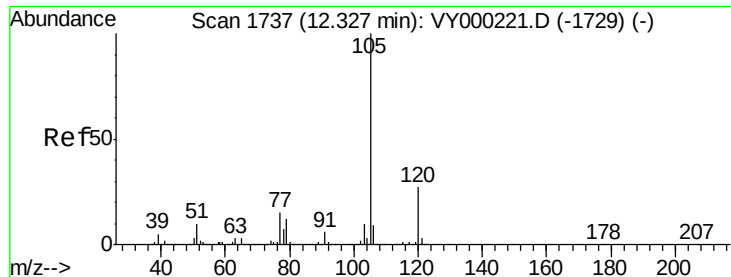
Tot Ion:173 Resp: 5000
Ion Ratio Lower Upper
173 100
175 54.5 24.8 74.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000259.D
Acq: 10 Oct 2019 17:29

Tgt Ion:152 Resp: 165417
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 154.9 0.0 349.6





#73

Isopropylbenzene

Concen: 2.256 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

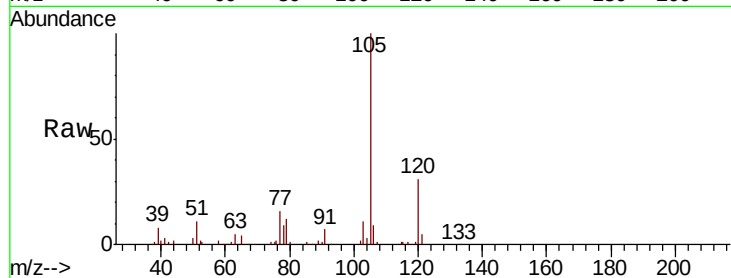
ClientSampleId :

Tot Ion:105 Resp: 31628

Ion Ratio Lower Upper

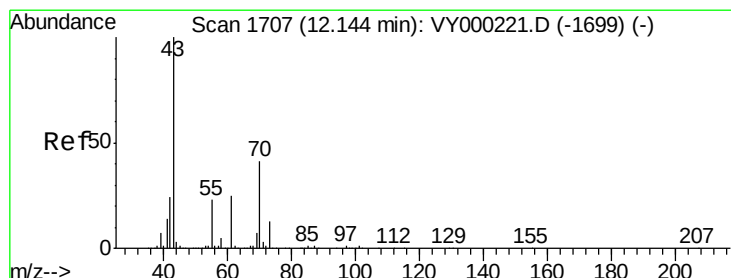
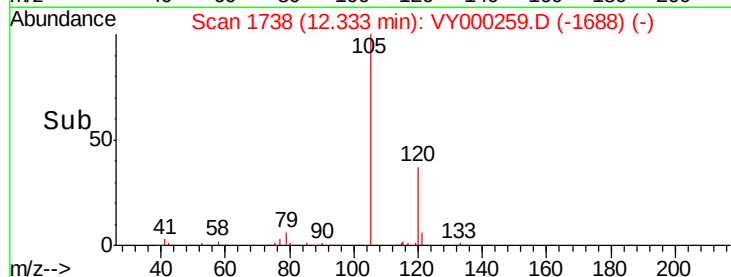
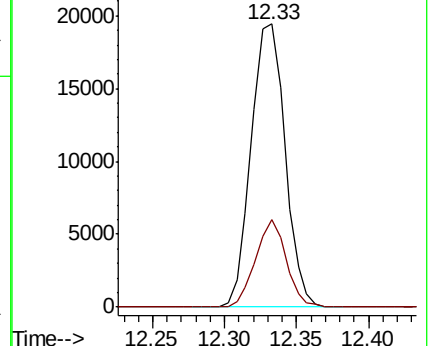
105 100

120 27.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.951 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Tgt Ion: 43 Resp: 13534

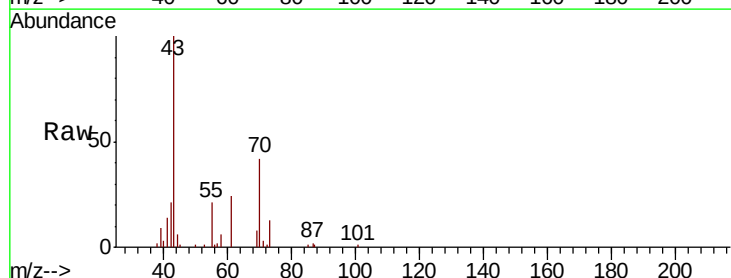
Ion Ratio Lower Upper

43 100

70 42.1 34.9 52.3

55 22.3 18.2 27.2

61 25.4 20.1 30.1

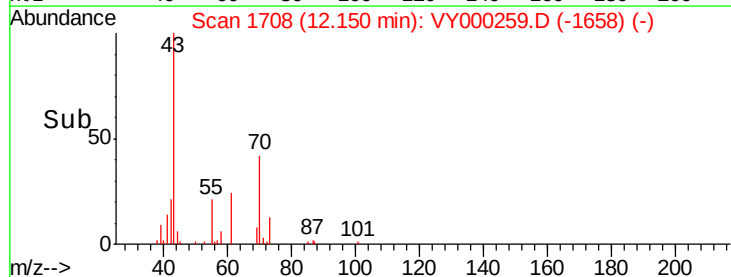
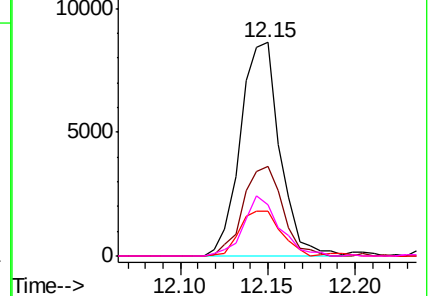


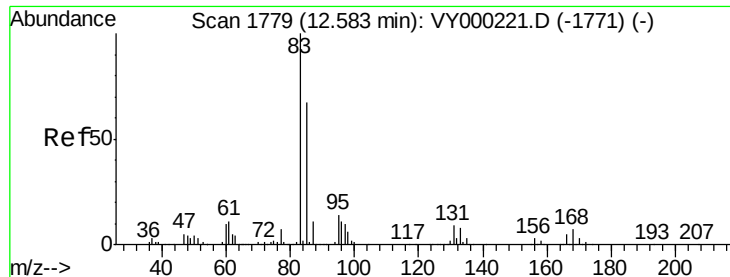
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.251 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

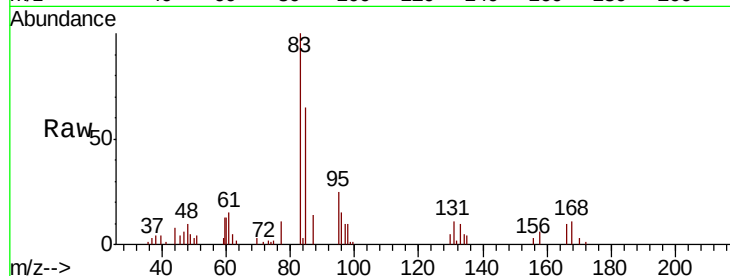
Tot Ion: 83 Resp: 10766

Ion Ratio Lower Upper

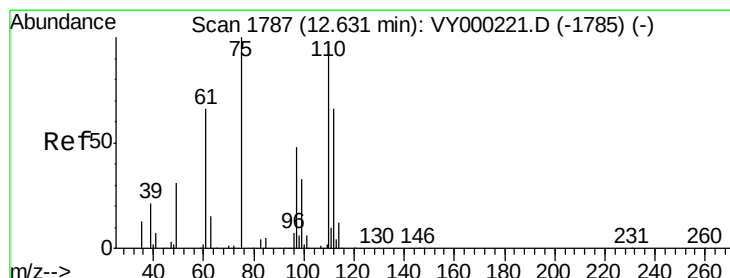
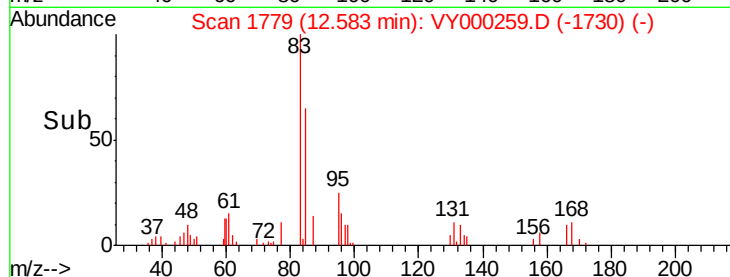
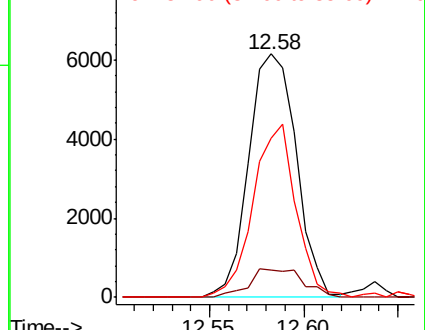
83 100

131 13.2 4.8 14.3

85 64.0 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 3.976 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000259.D

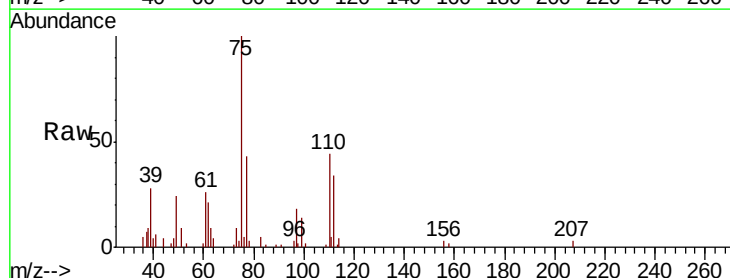
Acq: 10 Oct 2019 17:29

Tgt Ion: 75 Resp: 17365

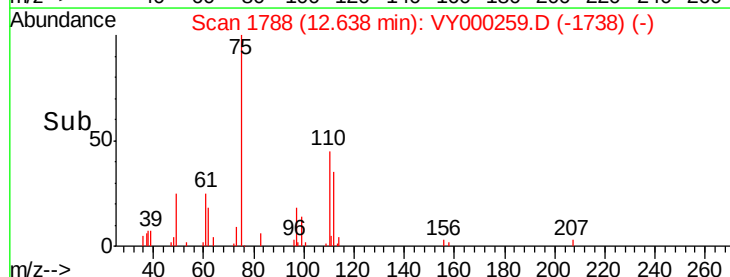
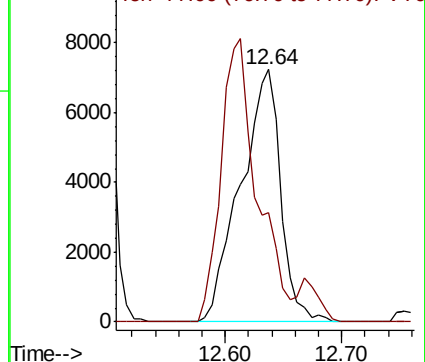
Ion Ratio Lower Upper

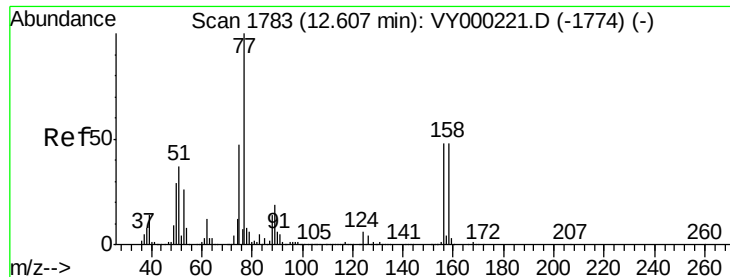
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 2.555 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

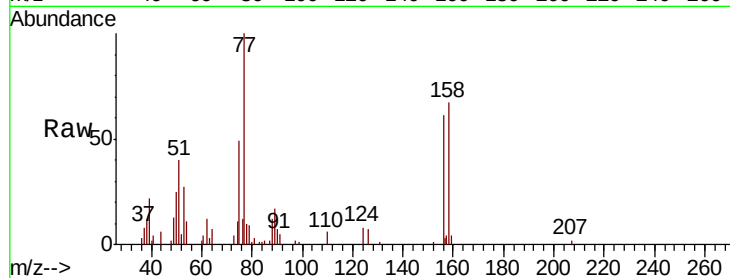
Tot Ion:156 Resp: 8399

Ion Ratio Lower Upper

156 100

77 207.0 118.1 354.3

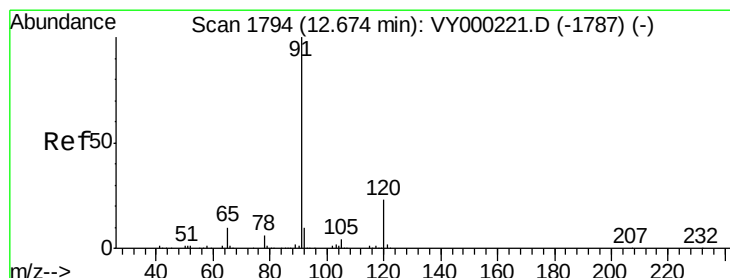
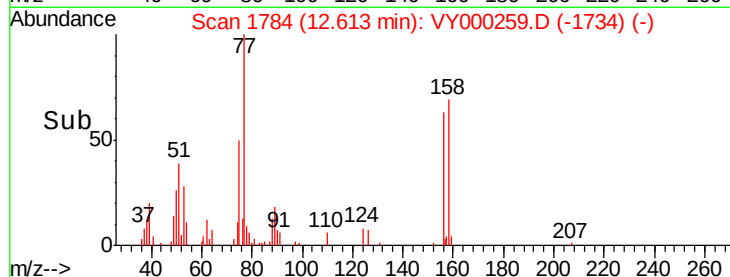
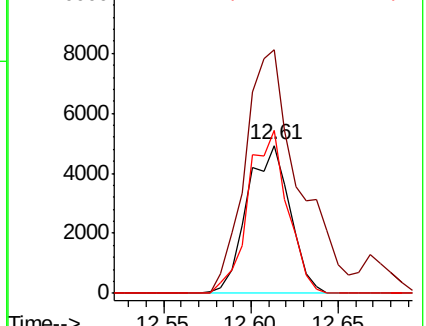
158 101.2 47.8 143.3



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: 2.210 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000259.D

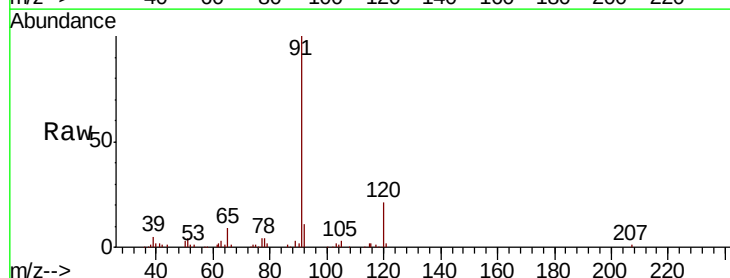
Acq: 10 Oct 2019 17:29

Tgt Ion: 91 Resp: 36188

Ion Ratio Lower Upper

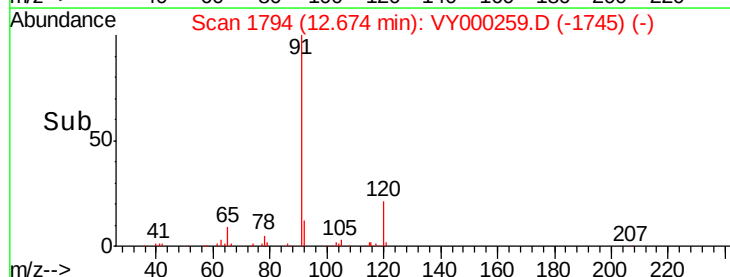
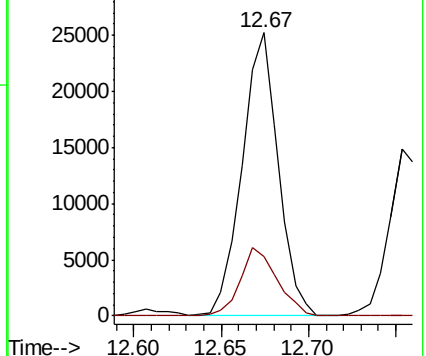
91 100

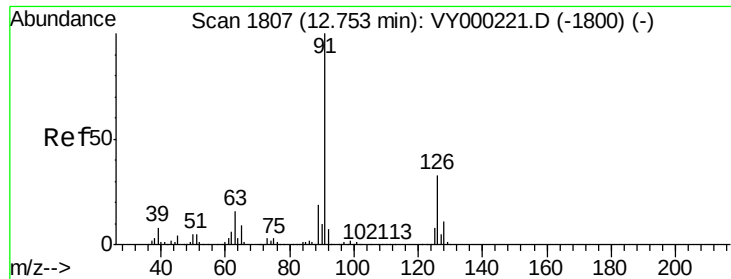
120 24.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.326 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

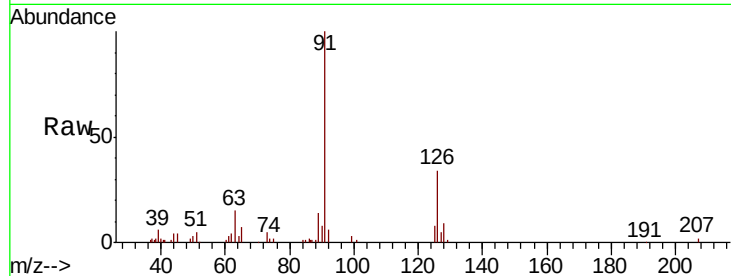
ClientSampleId :

Tot Ion: 91 Resp: 21923

Ion Ratio Lower Upper

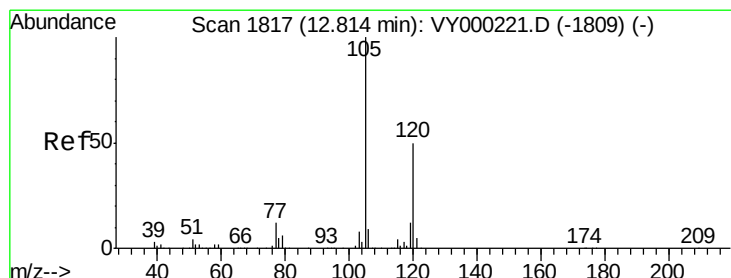
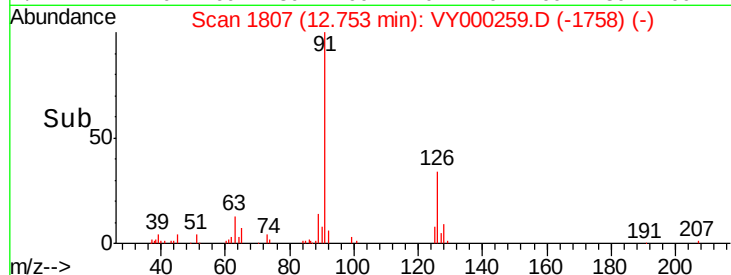
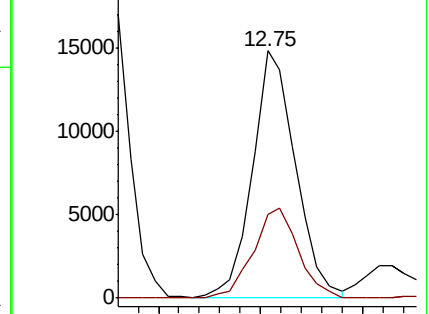
91 100

126 38.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.262 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000259.D

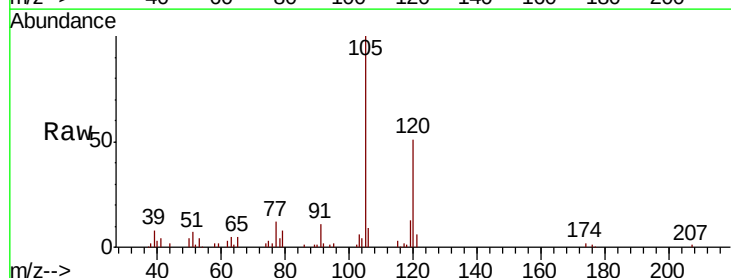
Acq: 10 Oct 2019 17:29

Tgt Ion: 105 Resp: 26455

Ion Ratio Lower Upper

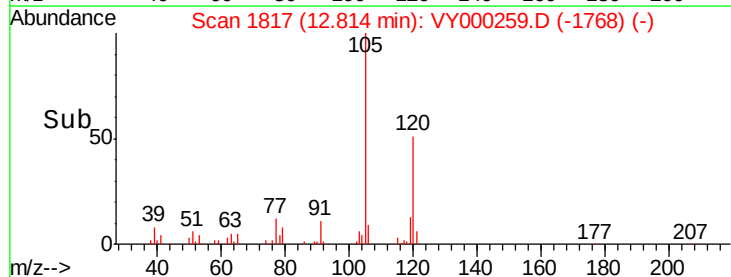
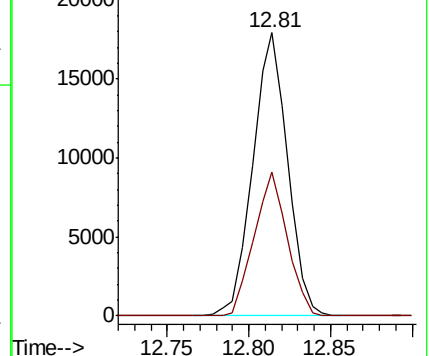
105 100

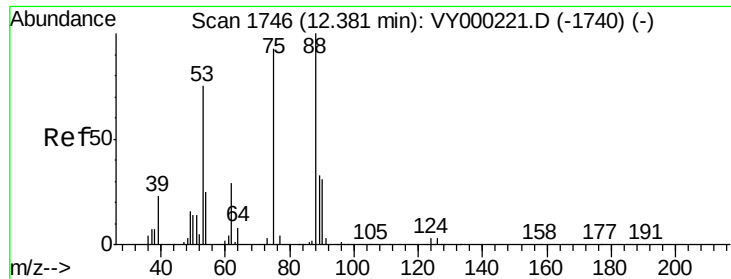
120 48.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 2.665 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

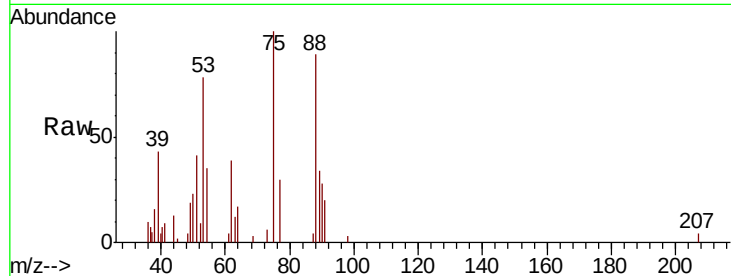
Tot Ion: 75 Resp: 4215

Ion Ratio Lower Upper

75 100

53 82.4 66.5 99.7

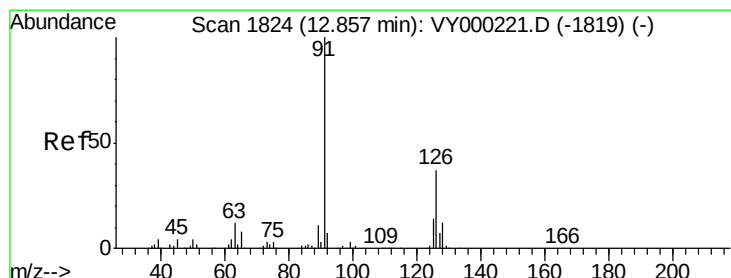
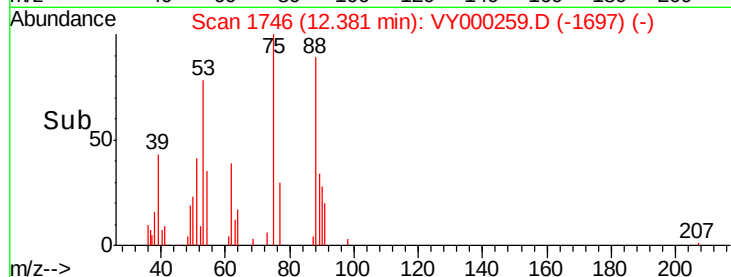
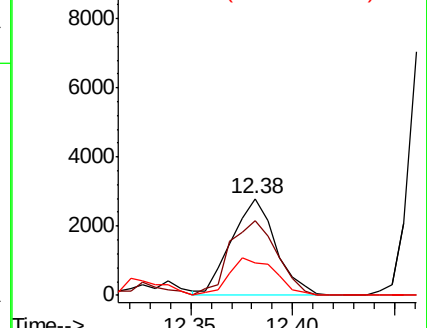
89 40.2 46.9 70.3#



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: 2.210 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000259.D

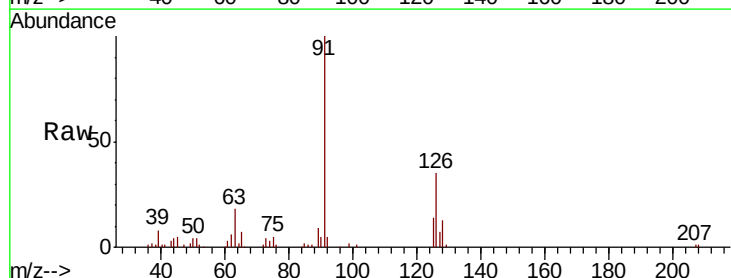
Acq: 10 Oct 2019 17:29

Tgt Ion: 91 Resp: 21104

Ion Ratio Lower Upper

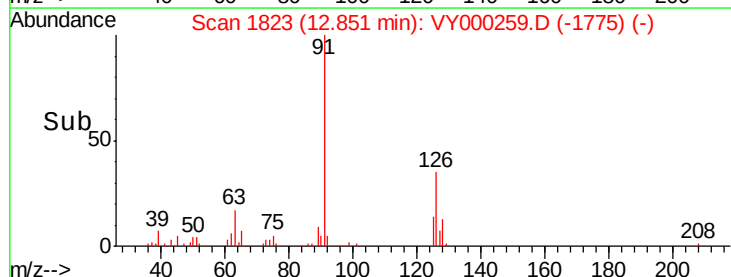
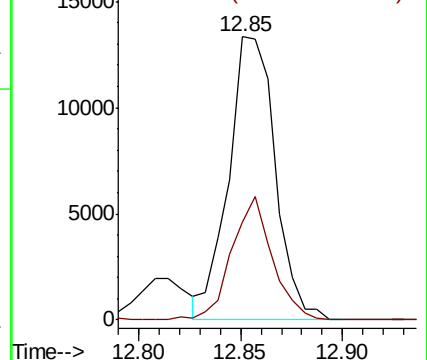
91 100

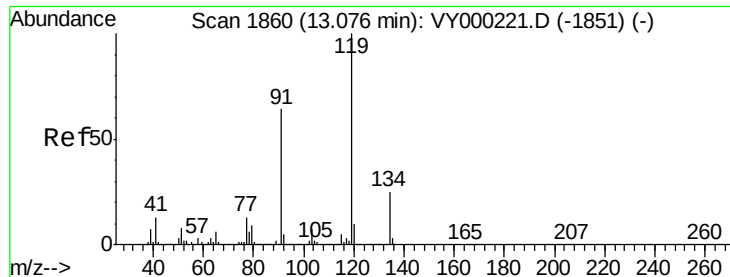
126 37.9 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

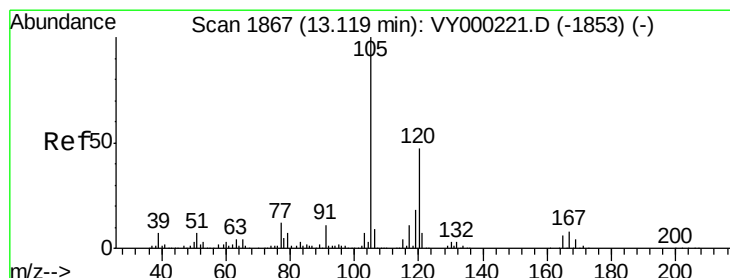
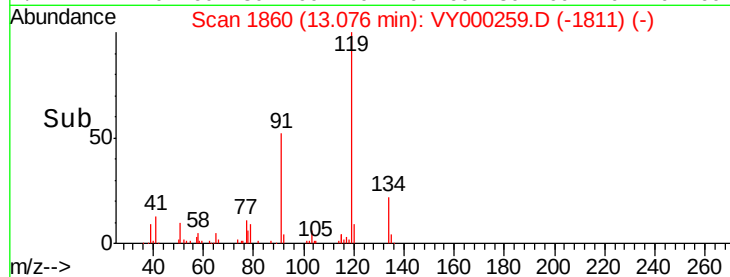
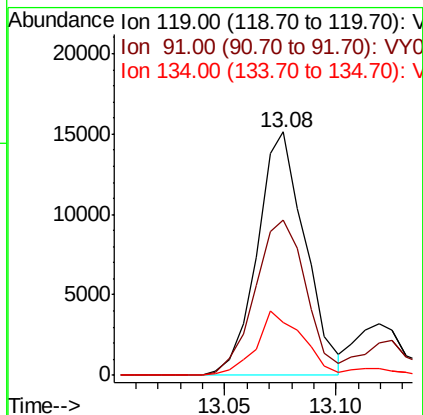
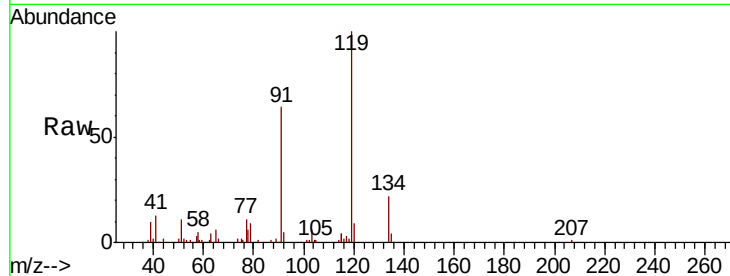




#83
 tert-Butylbenzene
 Concen: 2.220 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

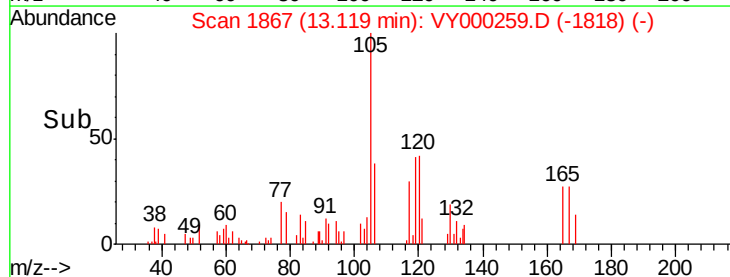
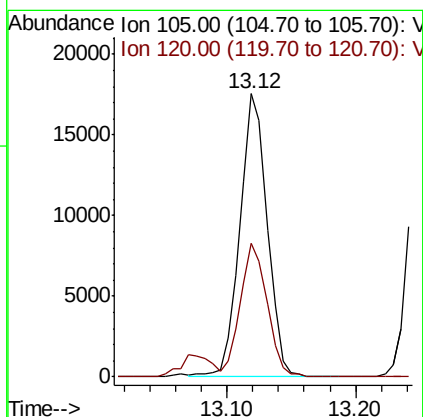
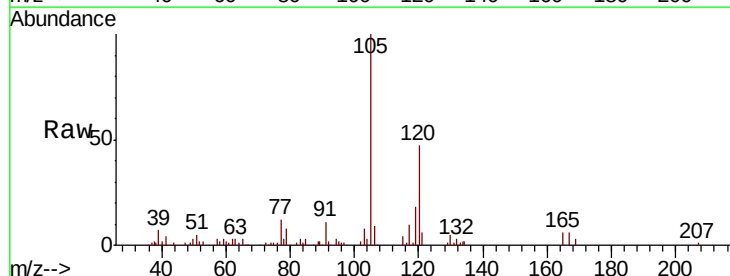
Instrument :
 MSVOA_Y
 ClientSampleId :

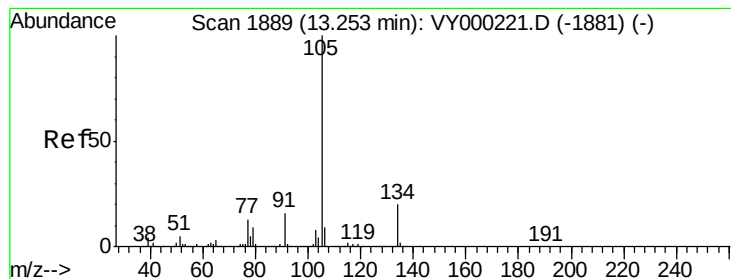
Tot Ion:119 Resp: 22569
 Ion Ratio Lower Upper
 119 100
 91 68.1 32.4 97.2
 134 25.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.206 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion:105 Resp: 25773
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 2.147 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

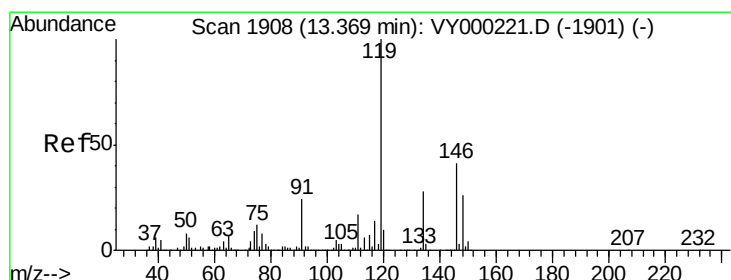
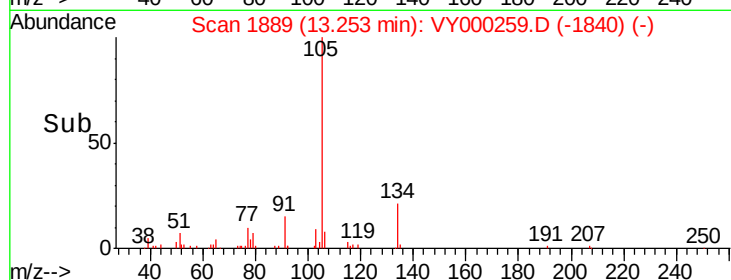
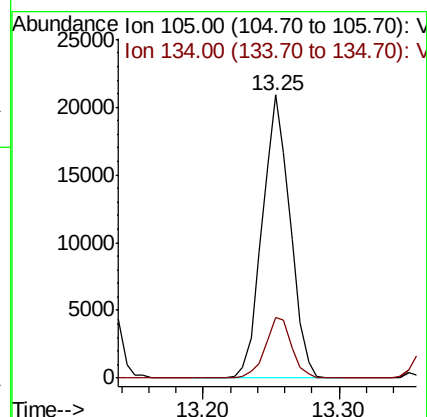
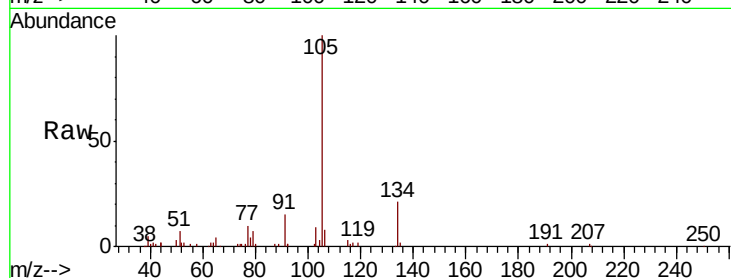
ClientSampleId :

Tot Ion:105 Resp: 30083

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 2.248 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

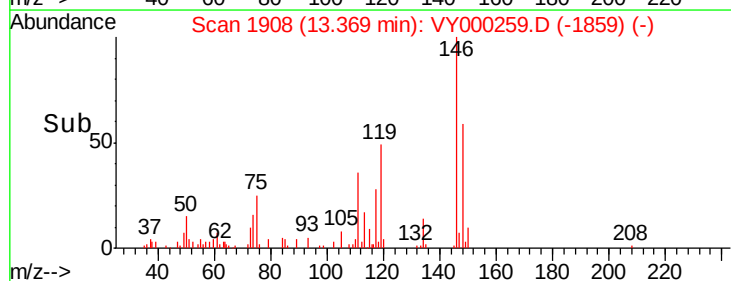
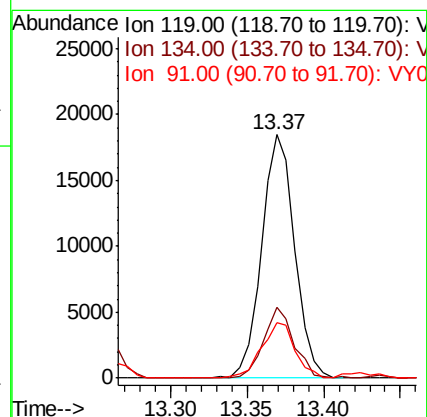
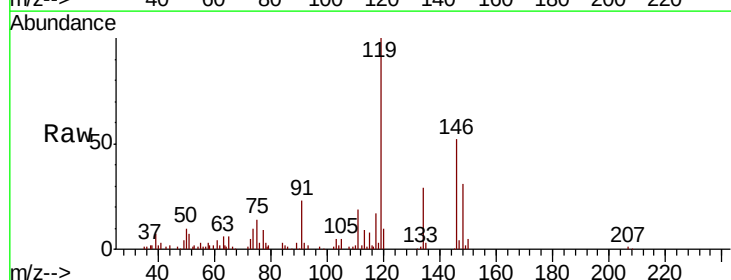
Tgt Ion:119 Resp: 27704

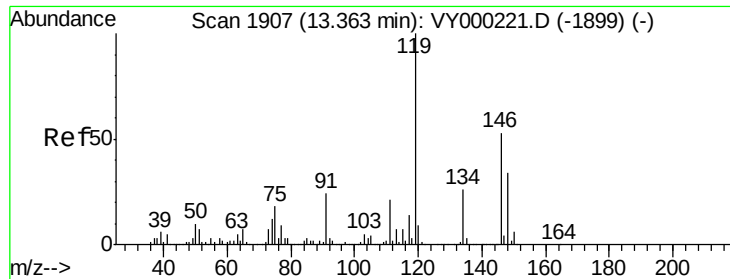
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 23.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 2.378 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

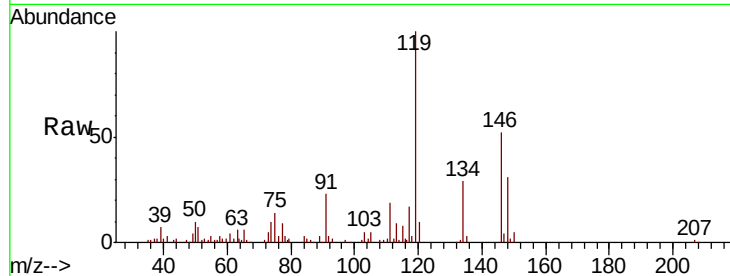
Tot Ion:146 Resp: 14165

Ion Ratio Lower Upper

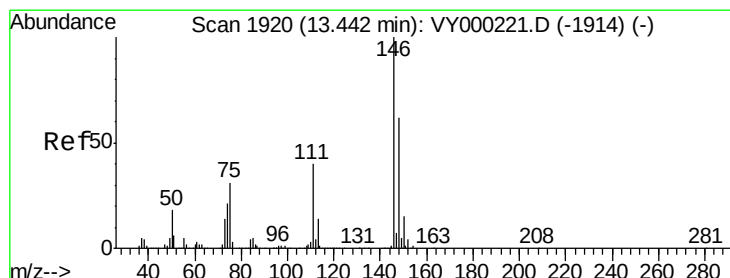
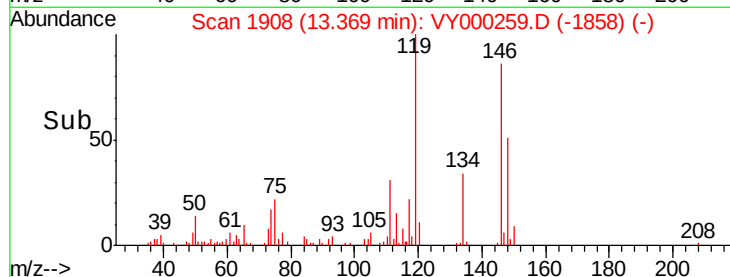
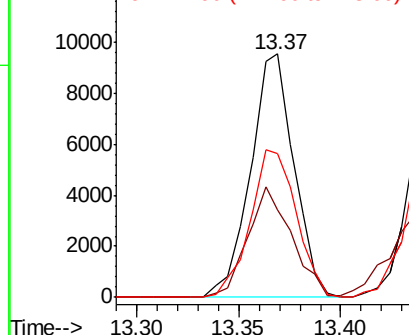
146 100

111 45.9 20.3 60.8

148 64.3 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 2.425 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

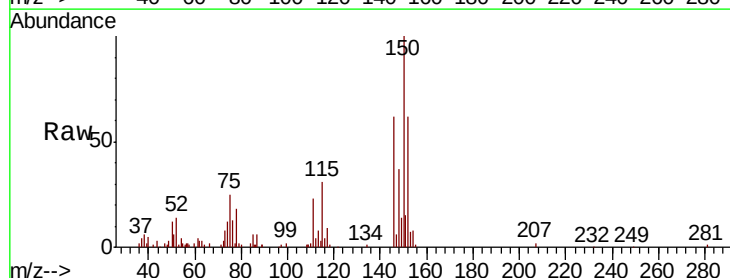
Tgt Ion:146 Resp: 15051

Ion Ratio Lower Upper

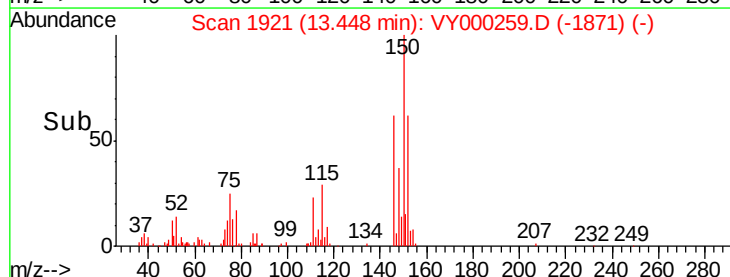
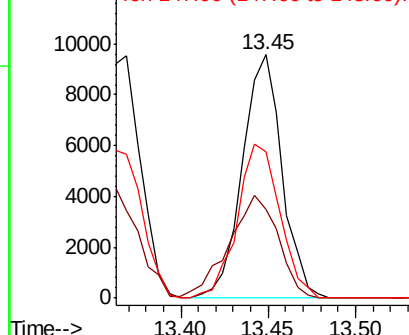
146 100

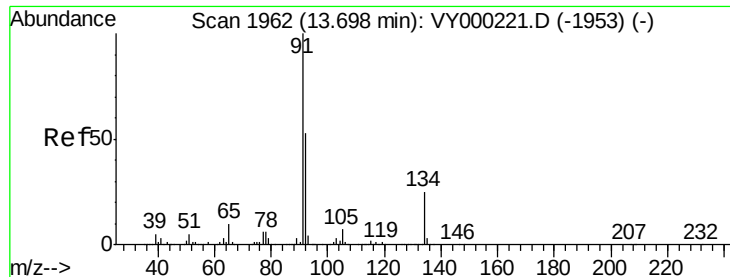
111 52.6 19.8 59.3

148 68.4 31.6 94.8



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





#89

n-Butylbenzene

Concen: 1.980 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampleId :

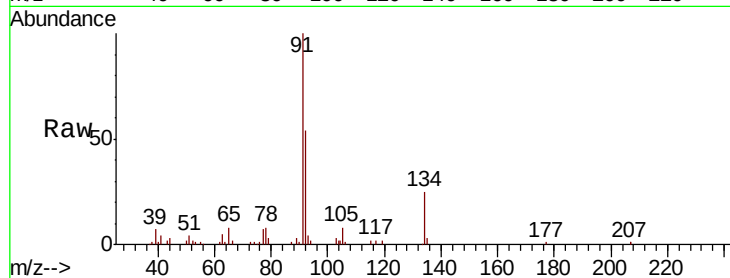
Tot Ion: 91 Resp: 22996

Ion Ratio Lower Upper

91 100

92 55.1 27.0 80.8

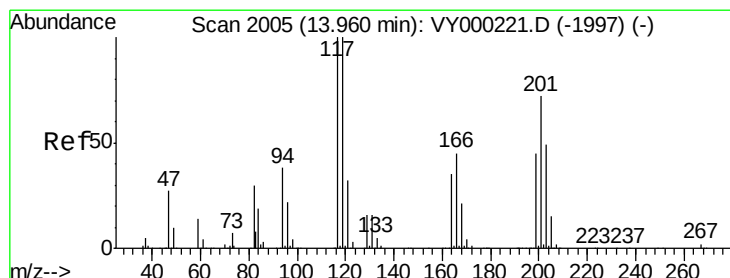
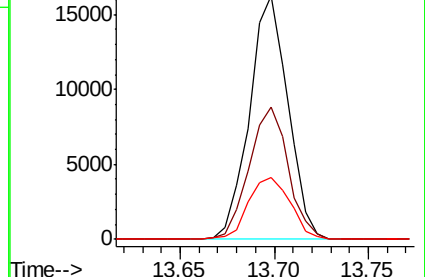
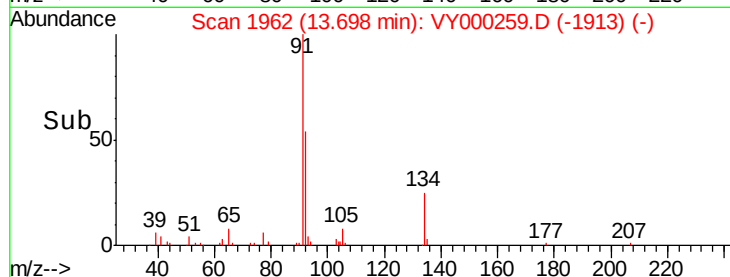
134 27.8 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VY000259.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY000259.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY000259.D (-1913) (-)



#90

Hexachloroethane

Concen: 2.189 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000259.D

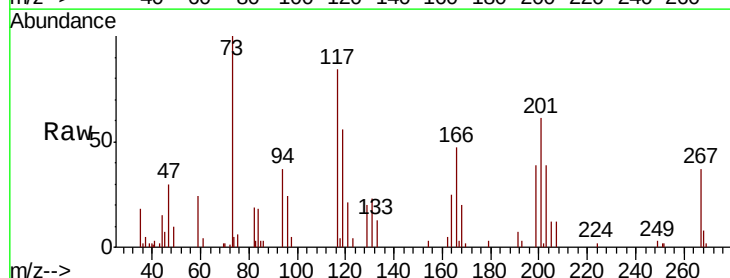
Acq: 10 Oct 2019 17:29

Tgt Ion: 117 Resp: 5103

Ion Ratio Lower Upper

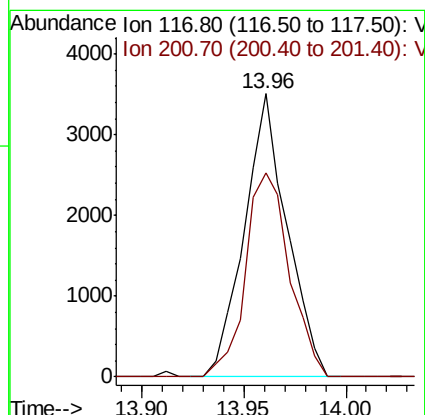
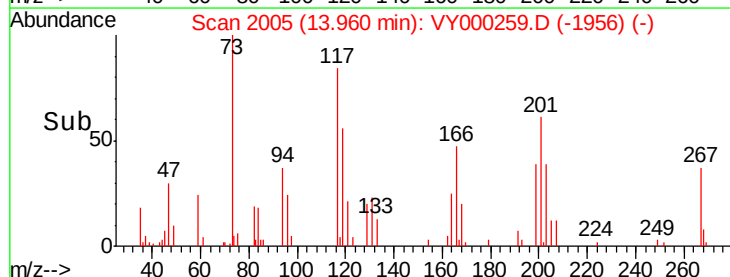
117 100

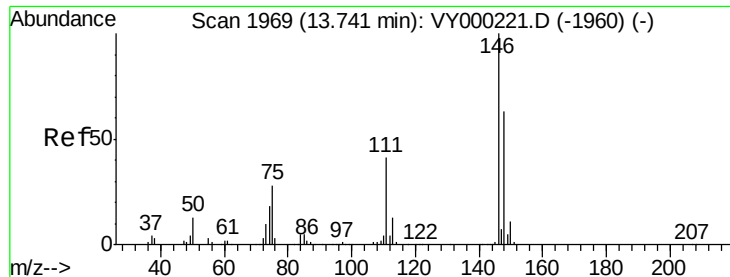
201 74.2 35.5 106.5



Abundance Ion 116.80 (116.50 to 117.50): VY000259.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000259.D (-1956) (-)

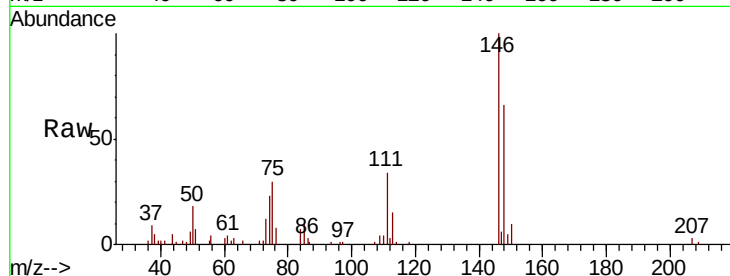




#91
 1,2-Dichlorobenzene
 Concen: 2.273 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.9	62.8
148	68.4	31.6	95.0

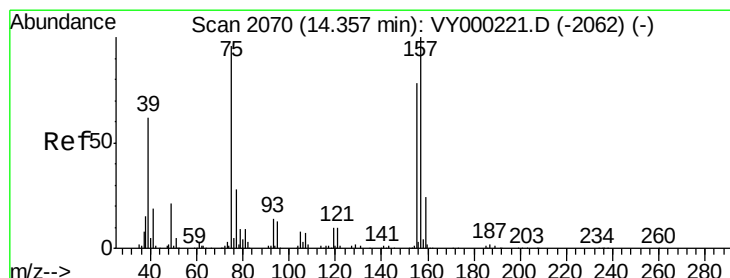
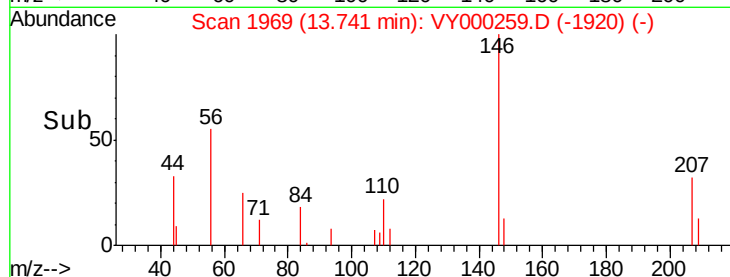
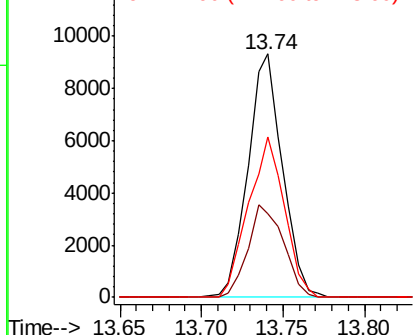


Abundance

Ion 145.90 (145.60 to 146.60): V

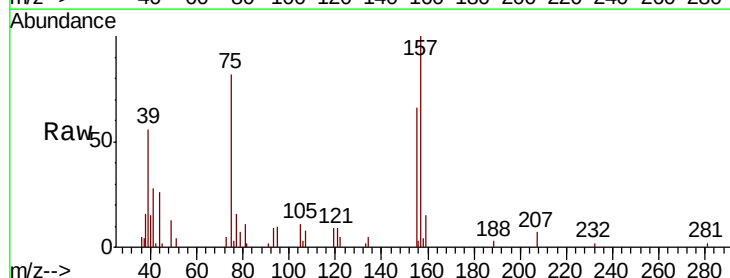
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.130 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.4	127.3
157	116.8	53.8	161.5

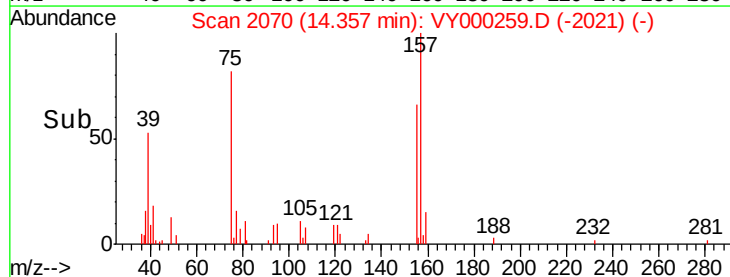
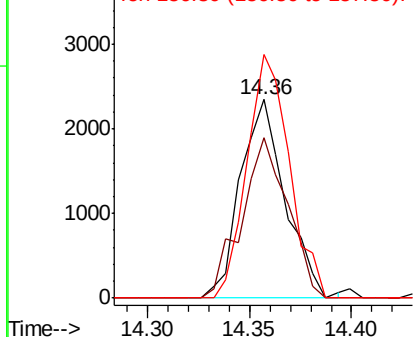


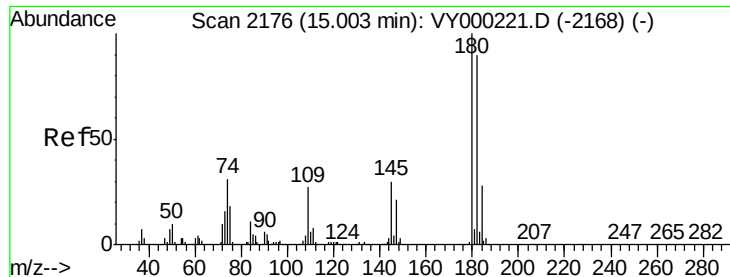
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

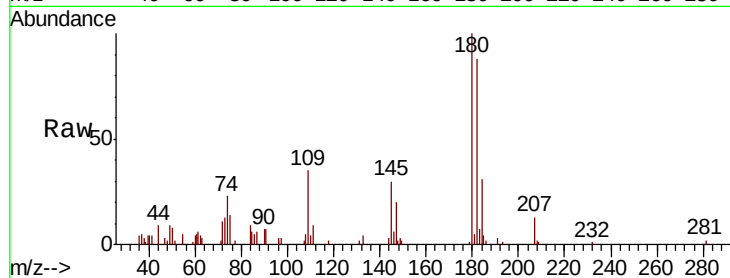




#93
 1,2,4-Trichlorobenzene
 Concen: 2.284 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.2	141.6
145	32.0	15.3	45.8

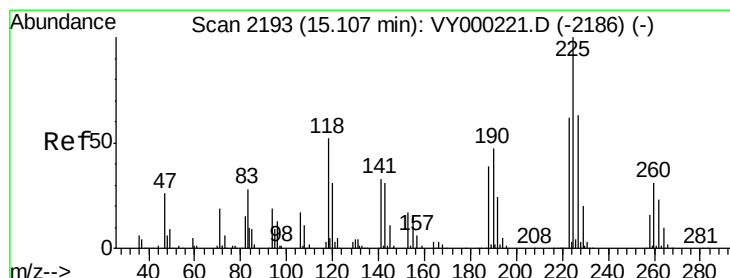
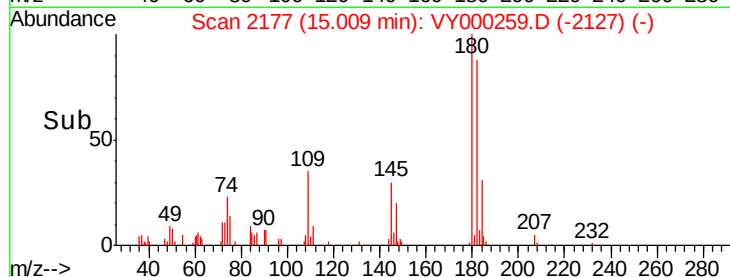
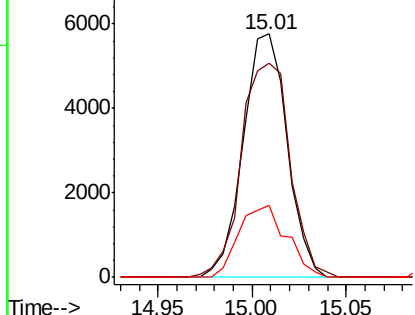


Abundance

Ion 179.80 (179.50 to 180.50): V

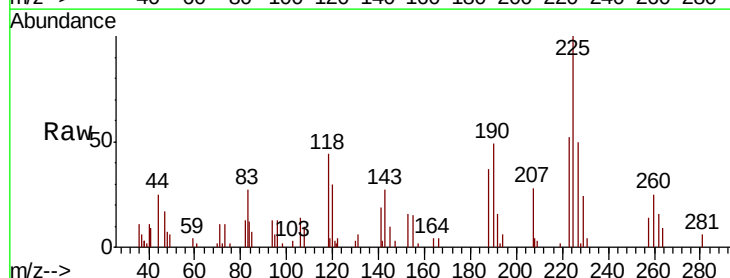
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 2.148 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000259.D
 Acq: 10 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.9	95.5
227	65.1	31.5	94.5

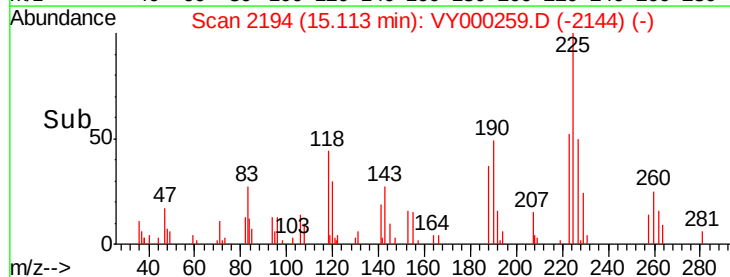
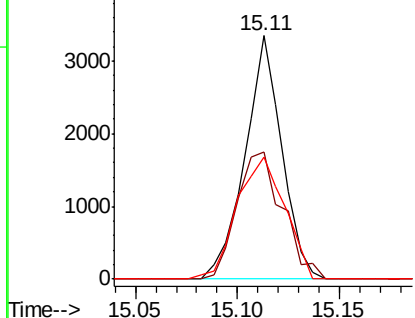


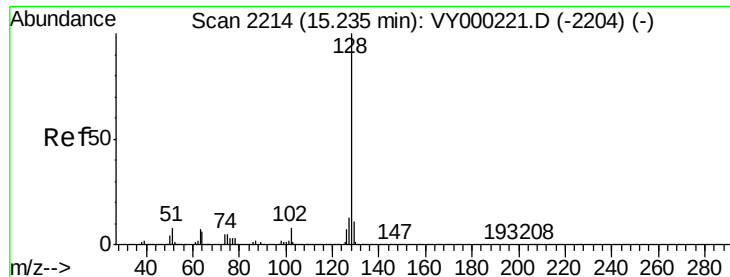
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.262 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

Instrument :

MSVOA_Y

ClientSampled :

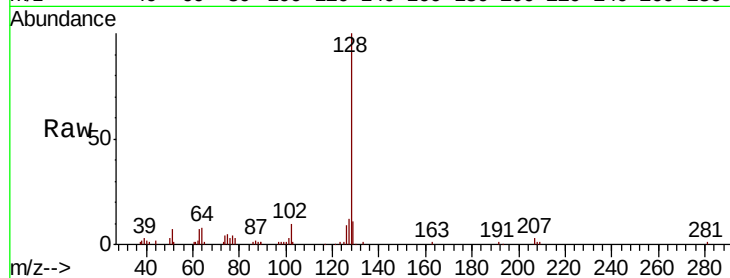
Tot Ion:128 Resp: 34831

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

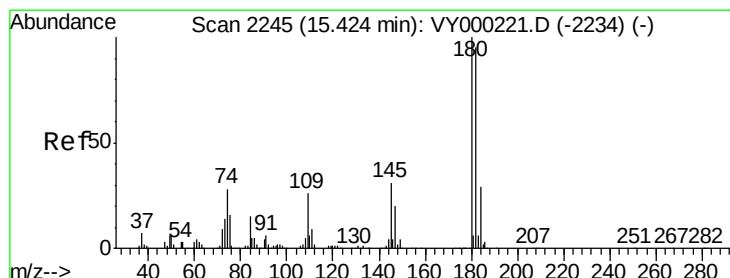
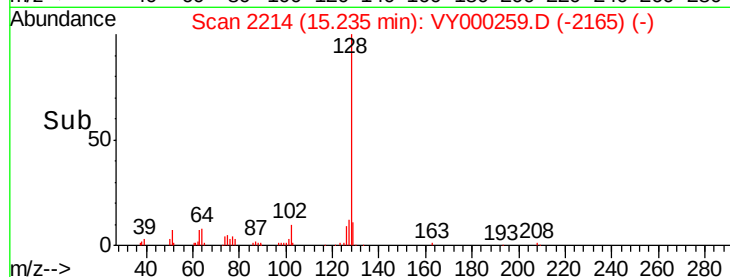
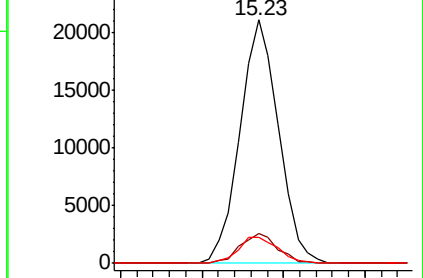
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.401 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000259.D

Acq: 10 Oct 2019 17:29

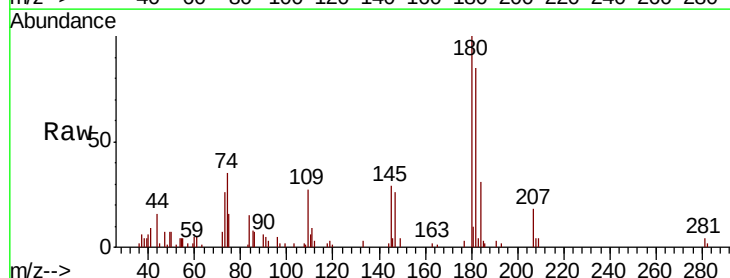
Tgt Ion:180 Resp: 9457

Ion Ratio Lower Upper

180 100

182 90.6 47.9 143.7

145 36.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

