

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000243.D
 Acq On : 09 Oct 2019 15:07
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Quant Time: Oct 10 01:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	461989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	397783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	177873	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.73	113	137174	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.19	98	525408	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.49	95	180968	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	1403	0.497 ug/l	98
3) Chloromethane	2.11	50	2255	0.586 ug/l	93
4) Vinyl Chloride	2.26	62	1595	0.402 ug/l	92
5) Bromomethane	2.66	94	1630	0.650 ug/l #	59
6) Chloroethane	2.80	64	1294	0.516 ug/l	93
7) Trichlorofluoromethane	3.13	101	2303	0.449 ug/l #	74
8) Diethyl Ether	3.54	74	920	0.392 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	715	0.239 ug/l #	78
10) Methyl Iodide	4.11	142	1306	0.839 ug/l #	90
11) Tert butyl alcohol	4.95	59	9781	4.947 ug/l #	73
12) 1,1-Dichloroethene	3.89	96	1417	0.455 ug/l #	56
13) Acrolein	3.75	56	3003	2.893 ug/l	98
14) Allyl chloride	4.49	41	2271	0.433 ug/l	87
15) Acrylonitrile	5.17	53	8302	2.379 ug/l #	34
16) Acetone	3.96	43	7791	2.703 ug/l	99
17) Carbon Disulfide	4.19	76	4339	0.473 ug/l #	92
18) Methyl Acetate	4.48	43	1580	0.200 ug/l #	81
19) Methyl tert-butyl Ether	5.23	73	2699	0.237 ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	1581	0.452 ug/l #	57
22) Diisopropyl ether	6.14	45	5470	0.450 ug/l #	83
23) Vinyl Acetate	6.08	43	22162	4.135 ug/l #	91
24) 1,1-Dichloroethane	6.03	63	3102	0.501 ug/l #	89
25) 2-Butanone	7.01	43	12660	2.374 ug/l #	83
26) 2,2-Dichloropropane	7.00	77	3561	0.637 ug/l	81
27) cis-1,2-Dichloroethene	7.01	96	2102	0.510 ug/l	85
28) Bromochloromethane	7.36	49	1277	0.626 ug/l #	66
29) Tetrahydrofuran	7.37	42	8394	2.229 ug/l	93
30) Chloroform	7.53	83	3374	0.525 ug/l #	73
31) Cyclohexane	7.80	56	8212	1.312 ug/l #	1
32) 1,1,1-Trichloroethane	7.71	97	2687	0.492 ug/l #	47
36) 1,1-Dichloropropene	7.93	75	2473	0.526 ug/l	99
37) Ethyl Acetate	7.08	43	3998	0.470 ug/l #	95
38) Carbon Tetrachloride	7.91	117	2370	0.517 ug/l #	56
39) Methylcyclohexane	9.19	83	2353	0.399 ug/l #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000243.D
 Acq On : 09 Oct 2019 15:07
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Quant Time: Oct 10 01:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.18	78	6448	0.452	ug/l	99
41) Methacrylonitrile	7.33	41	1903	0.285	ug/l #	67
42) 1,2-Dichloroethane	8.25	62	2859	0.617	ug/l	86
43) Isopropyl Acetate	8.29	43	5392	0.493	ug/l #	91
44) Trichloroethene	8.96	130	1918	0.496	ug/l	98
45) 1,2-Dichloropropane	9.23	63	1477	0.414	ug/l	98
46) Dibromomethane	9.32	93	1306	0.522	ug/l #	85
47) Bromodichloromethane	9.50	83	2402	0.490	ug/l #	84
48) Methyl methacrylate	9.30	41	2101	0.426	ug/l #	85
49) 1,4-Dioxane	9.32	88	1133	8.940	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	18482	2.248	ug/l	100
52) Toluene	10.25	92	3915	0.428	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	3144	0.566	ug/l #	83
54) cis-1,3-Dichloropropene	9.94	75	2781	0.463	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	1712	0.475	ug/l #	76
56) Ethyl methacrylate	10.52	69	2689	0.424	ug/l	91
57) 1,3-Dichloropropane	10.80	76	2879	0.468	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	6834	2.415	ug/l	95
59) 2-Hexanone	10.84	43	14255	Below Cal		100
60) Dibromochloromethane	10.99	129	1486	0.390	ug/l	76
61) 1,2-Dibromoethane	11.09	107	2234	0.583	ug/l	88
64) Tetrachloroethene	10.72	164	2049	0.564	ug/l #	87
65) Chlorobenzene	11.52	112	4110	0.446	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.59	131	1695	0.514	ug/l #	65
67) Ethyl Benzene	11.60	91	7923	0.481	ug/l	99
68) m/p-Xylenes	11.70	106	6159	0.980	ug/l	86
69) o-Xylene	12.03	106	3086	0.509	ug/l	91
70) Styrene	12.05	104	4503	0.432	ug/l	96
71) Bromoform	12.20	173	1304	0.480	ug/l #	92
73) Isopropylbenzene	12.33	105	7401	0.467	ug/l	95
74) N-amyl acetate	12.14	43	2819	0.462	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	2326	0.430	ug/l	81
76) 1,2,3-Trichloropropane	12.64	75	3969	0.803	ug/l #	100
77) Bromobenzene	12.61	156	1851	0.498	ug/l	97
78) n-propylbenzene	12.67	91	7751	0.418	ug/l	86
79) 2-Chlorotoluene	12.75	91	4820	0.452	ug/l	88
80) 1,3,5-Trimethylbenzene	12.81	105	5879	0.444	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.49	75	96907	38.258	ug/l #	13
82) 4-Chlorotoluene	12.85	91	4909	0.454	ug/l	84
83) tert-Butylbenzene	13.08	119	4935	0.429	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	5654	0.428	ug/l	98
85) sec-Butylbenzene	13.25	105	6945	0.438	ug/l	94
86) p-Isopropyltoluene	13.37	119	6178	0.443	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	3757	0.557	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	3757	0.535	ug/l	96
89) n-Butylbenzene	13.70	91	5251	0.400	ug/l	91
90) Hexachloroethane	13.97	117	963	0.365	ug/l #	57
91) 1,2-Dichlorobenzene	13.74	146	3023	0.443	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.36	75	961	0.443	ug/l	84
93) 1,2,4-Trichlorobenzene	15.01	180	2103	0.454	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
Data File : VY000243.D
Acq On : 09 Oct 2019 15:07
Operator : SY/MD
Sample : 0.5PPBMDL
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Quant Time: Oct 10 01:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 09:24:50 2019
Response via : Initial Calibration

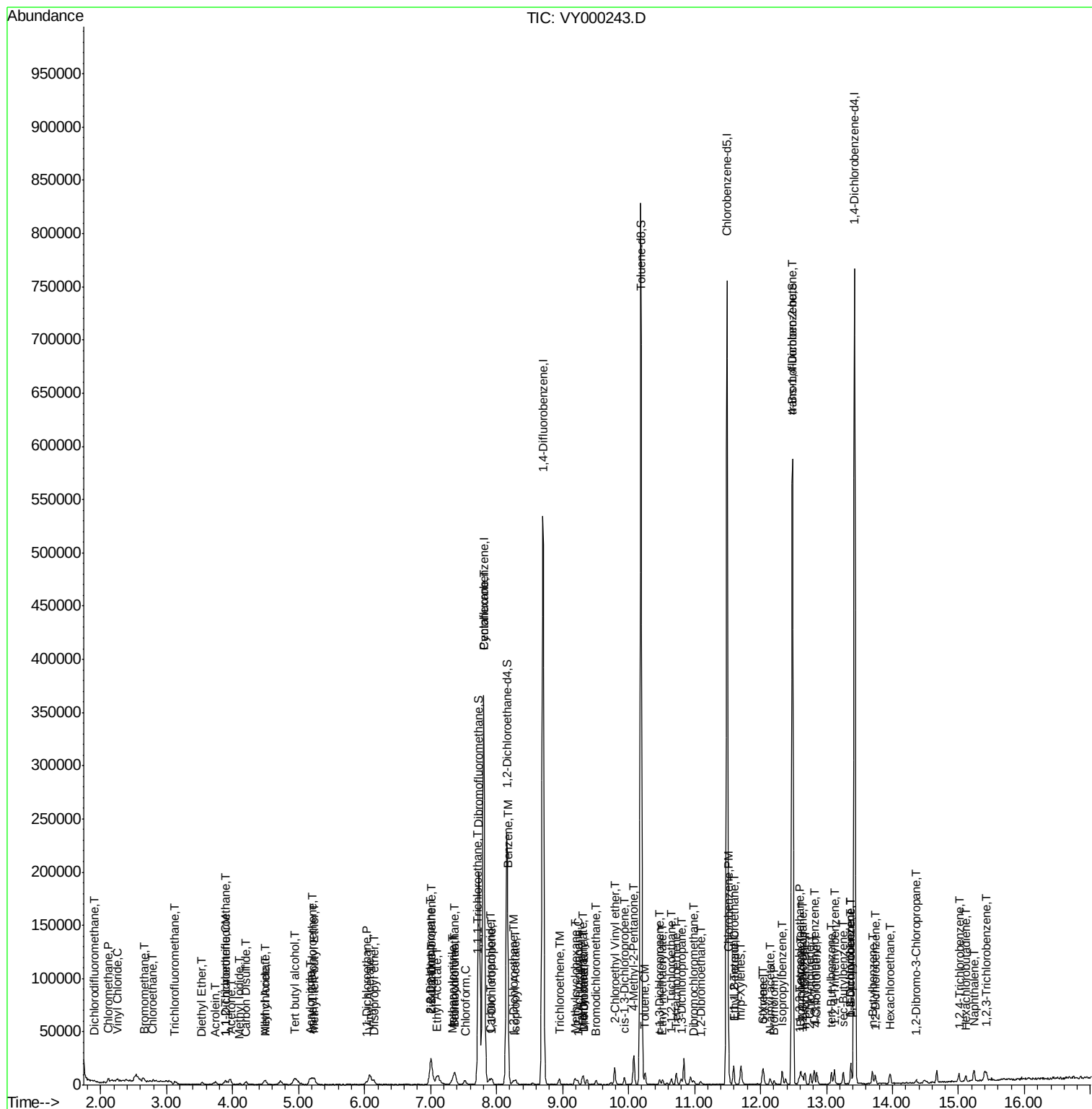
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.11	225	955	0.431	ug/l	86
95) Naphthalene	15.23	128	7734	0.444	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.42	180	2068	0.464	ug/l	92

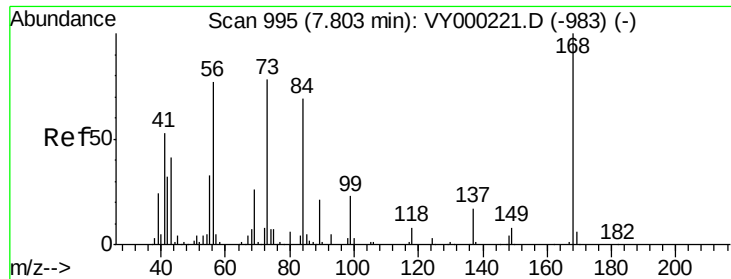
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000243.D
 Acq On : 09 Oct 2019 15:07
 Operator : SY/MD
 Sample : 0.5PPBMDL
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Quant Time: Oct 10 01:45:46 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

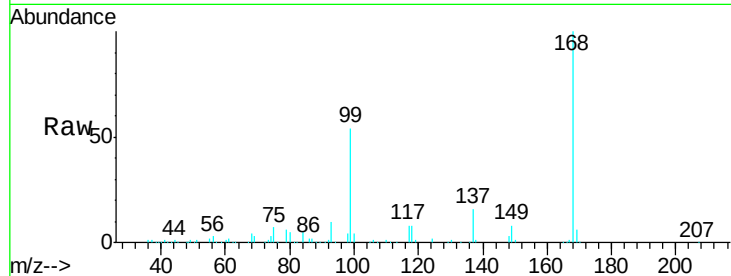
0.5PPBMDL

Tgt Ion:168 Resp: 282977

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.6



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

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

150000

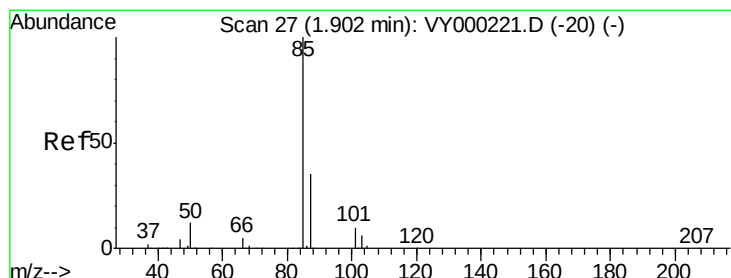
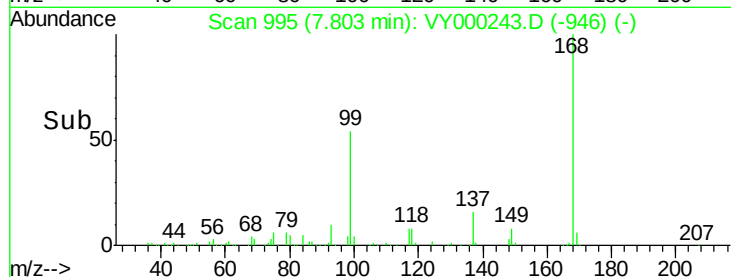
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 0.497 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000243.D

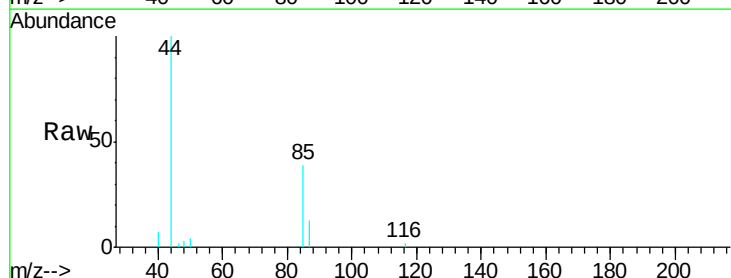
Acq: 09 Oct 2019 15:07

Tgt Ion: 85 Resp: 1403

Ion Ratio Lower Upper

85 100

87 33.7 17.4 52.2



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

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

1200

1000

800

600

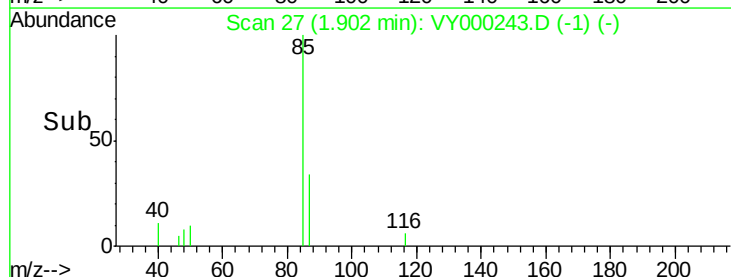
400

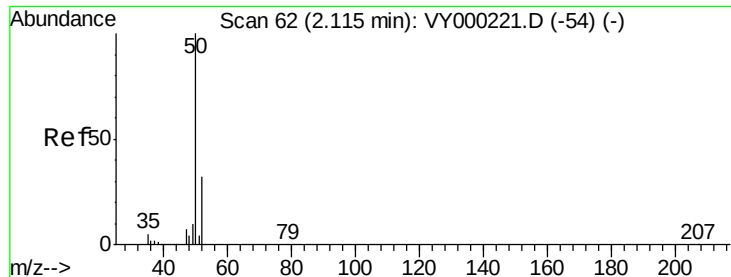
200

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 0.586 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

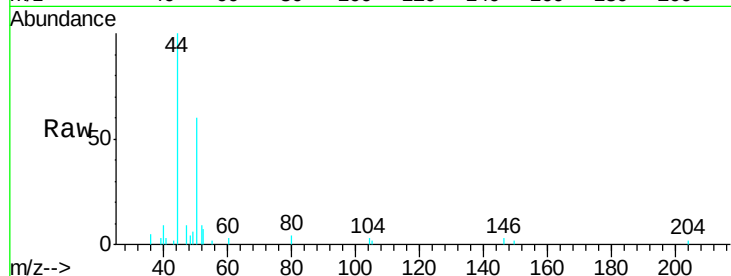
0.5PPBMDL

Tgt Ion: 50 Resp: 2255

Ion Ratio Lower Upper

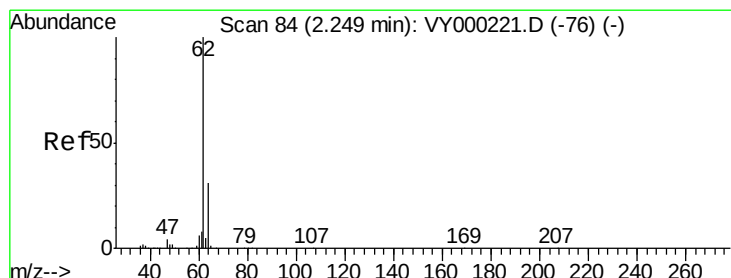
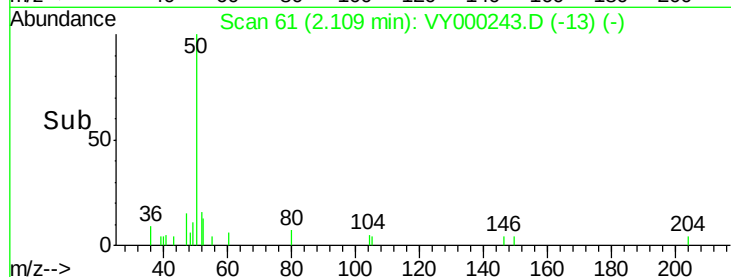
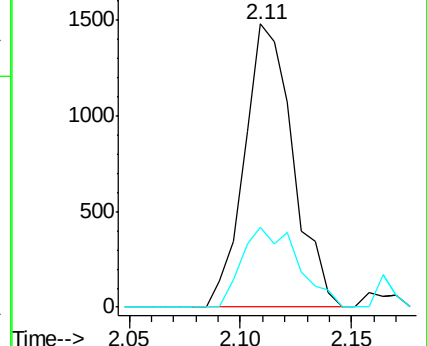
50 100

52 28.0 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: 0.402 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000243.D

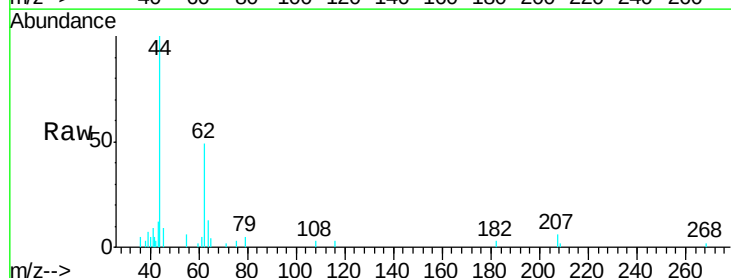
Acq: 09 Oct 2019 15:07

Tgt Ion: 62 Resp: 1595

Ion Ratio Lower Upper

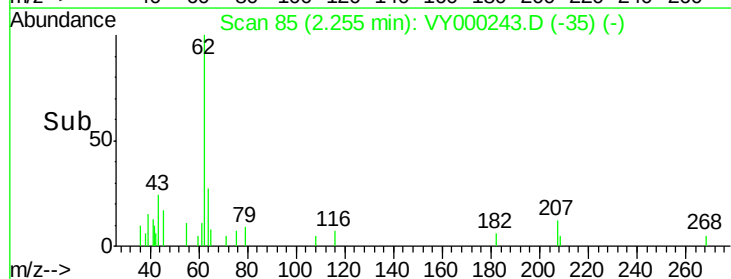
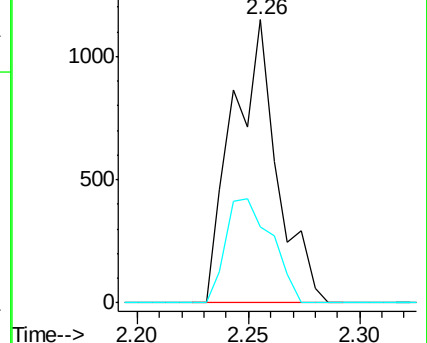
62 100

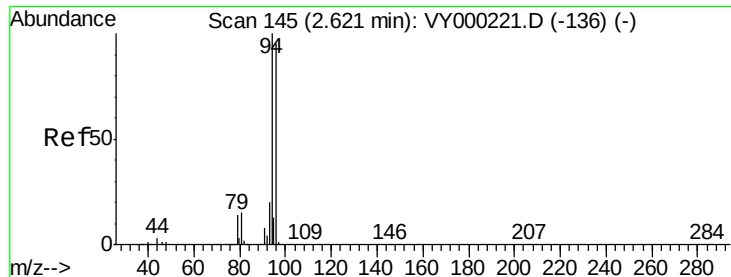
64 26.8 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 0.650 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.04 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

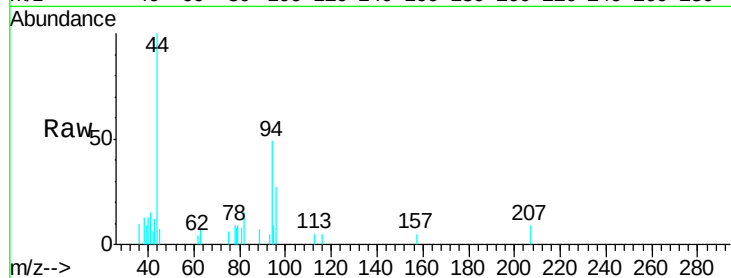
0.5PPBMDL

Tgt Ion: 94 Resp: 1630

Ion Ratio Lower Upper

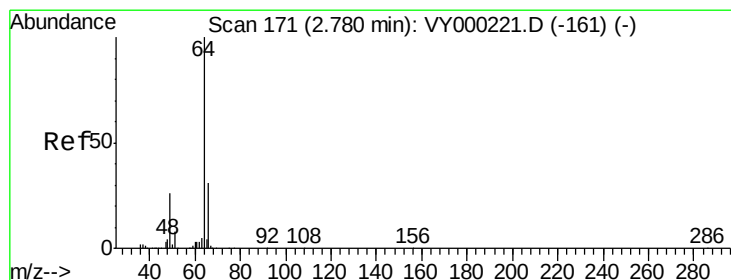
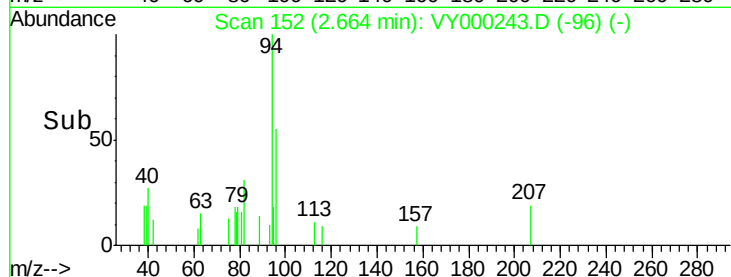
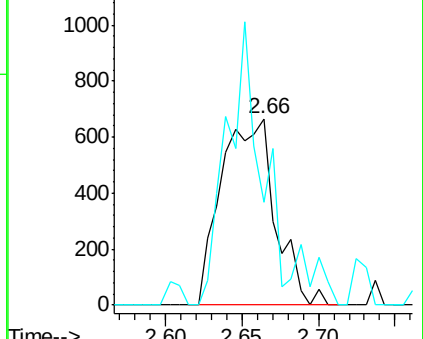
94 100

96 55.3 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 0.516 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.02 min

Lab File: VY000243.D

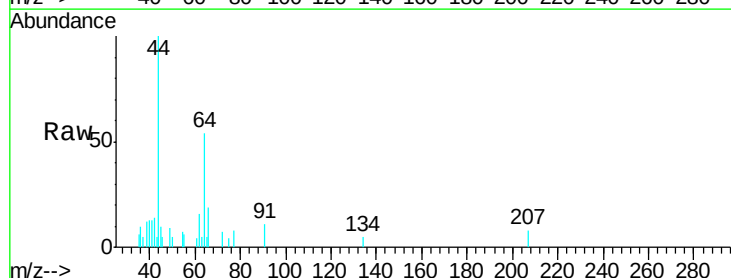
Acq: 09 Oct 2019 15:07

Tgt Ion: 64 Resp: 1294

Ion Ratio Lower Upper

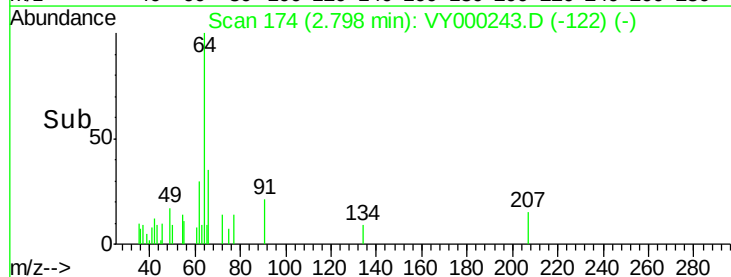
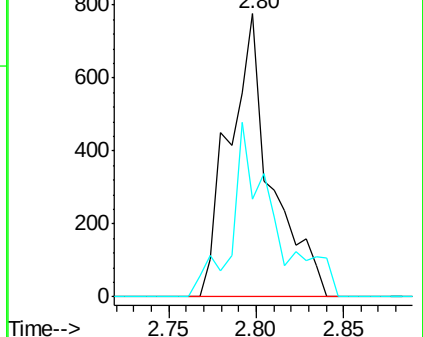
64 100

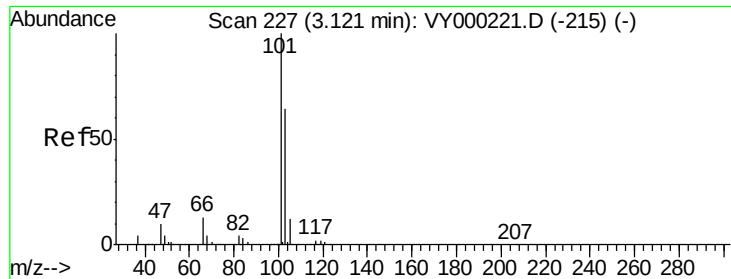
66 34.7 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 0.449 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

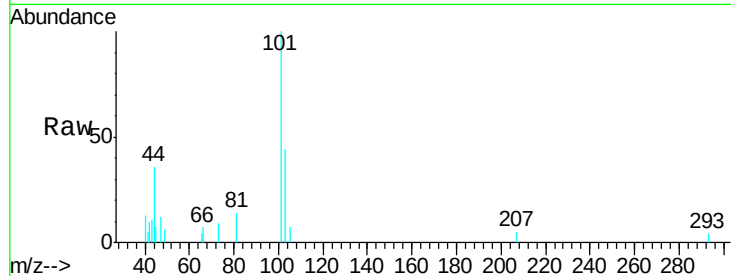
0.5PPBMDL

Tgt Ion: 101 Resp: 2303

Ion Ratio Lower Upper

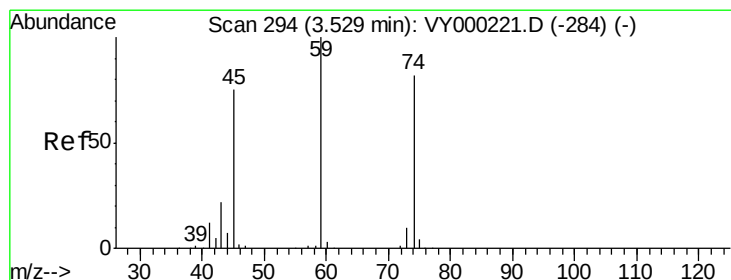
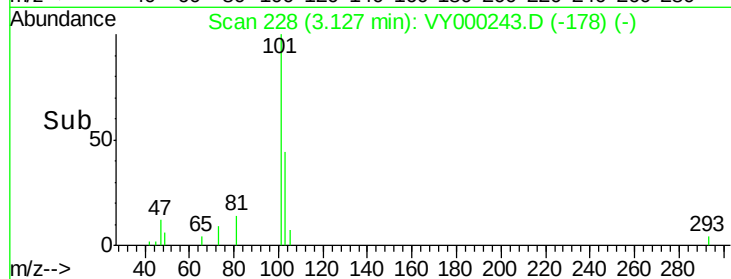
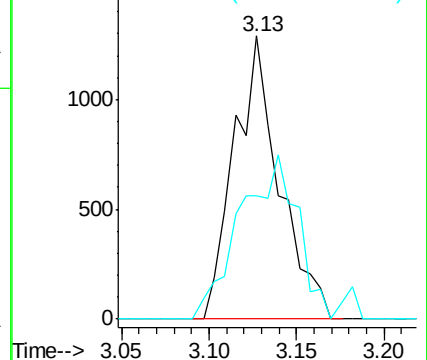
101 100

103 43.7 51.0 76.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.392 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VY000243.D

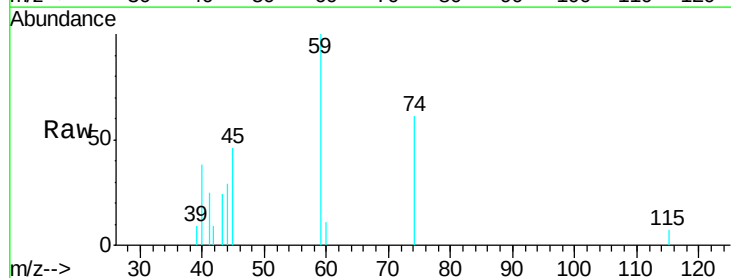
Acq: 09 Oct 2019 15:07

Tgt Ion: 74 Resp: 920

Ion Ratio Lower Upper

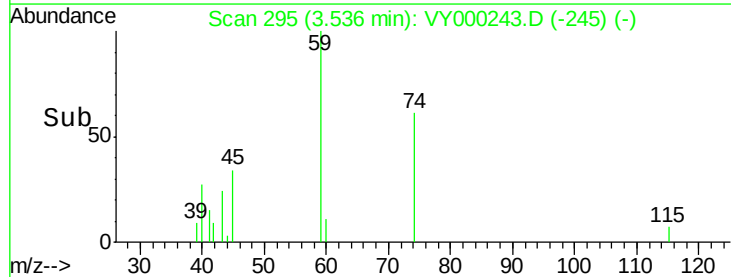
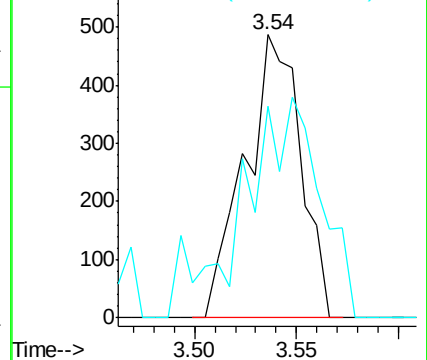
74 100

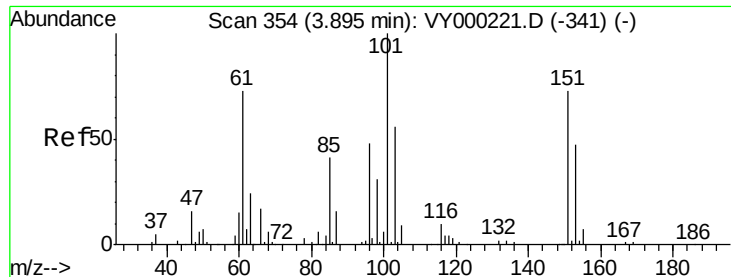
45 97.5 45.8 137.4



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.239 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

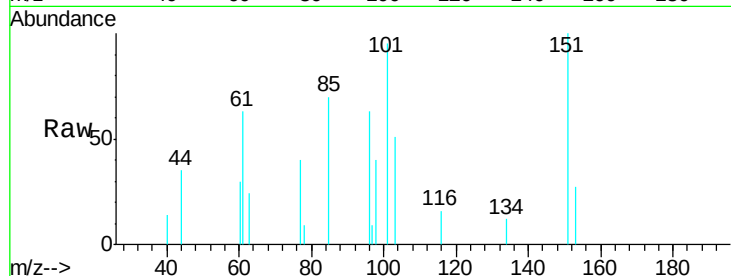
Tgt Ion:101 Resp: 715

Ion Ratio Lower Upper

101 100

85 58.6 37.0 55.6#

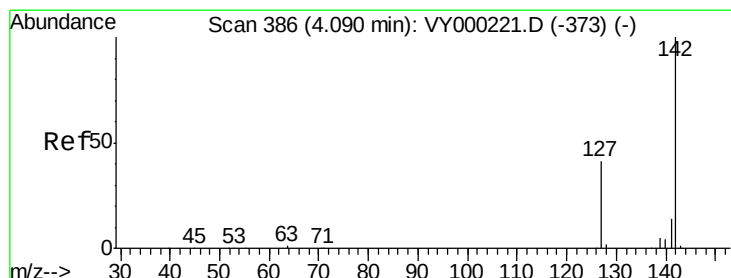
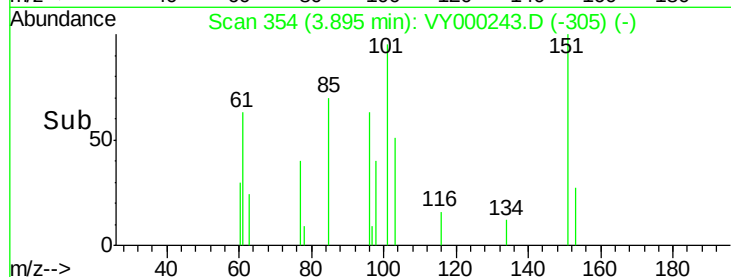
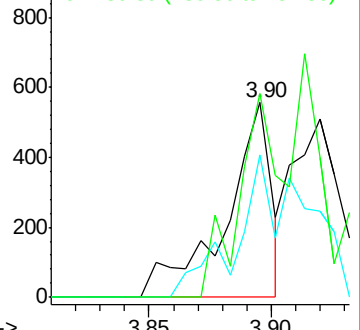
151 99.4 63.0 94.4#



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: 0.839 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.02 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

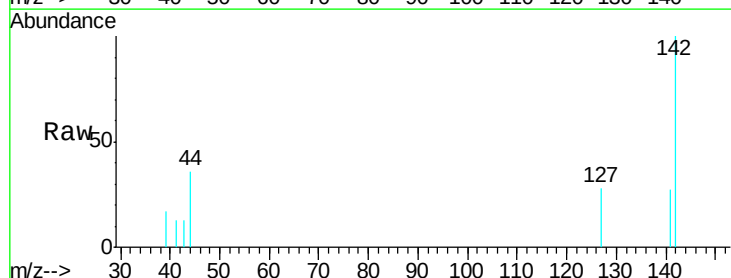
Tgt Ion:142 Resp: 1306

Ion Ratio Lower Upper

142 100

127 36.5 33.0 49.6

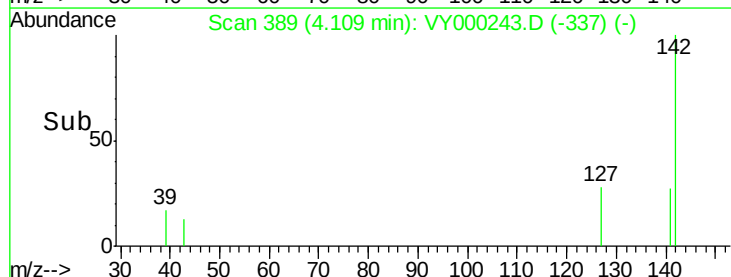
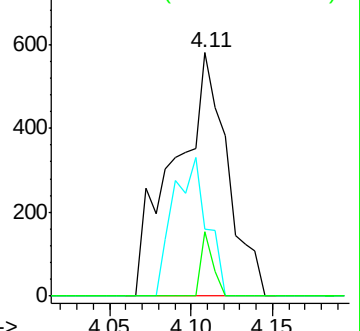
141 6.0 11.0 16.4#

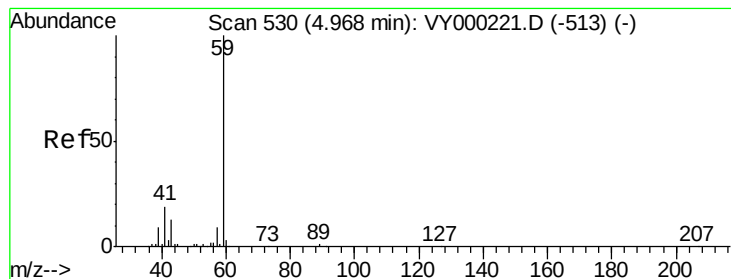


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 4.947 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

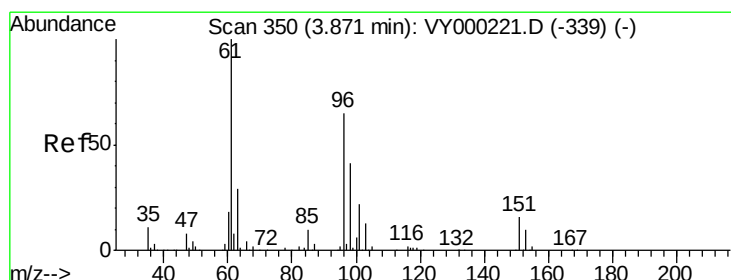
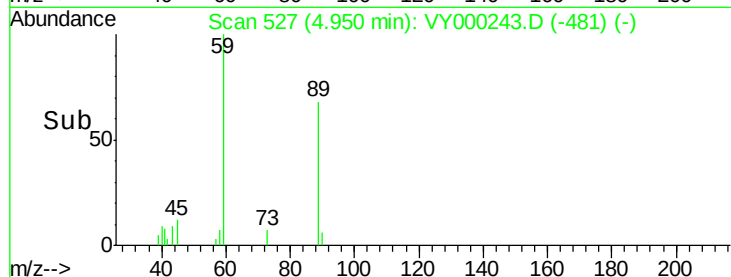
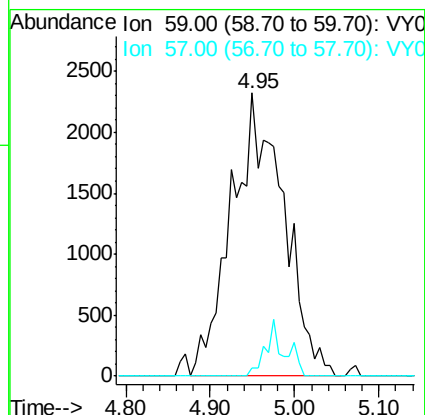
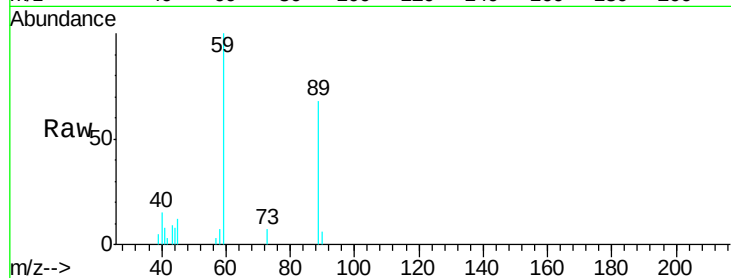
0.5PPBMDL

Tgt Ion: 59 Resp: 9781

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 0.455 ug/l

RT: 3.89 min Scan# 353

Delta R.T. 0.02 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

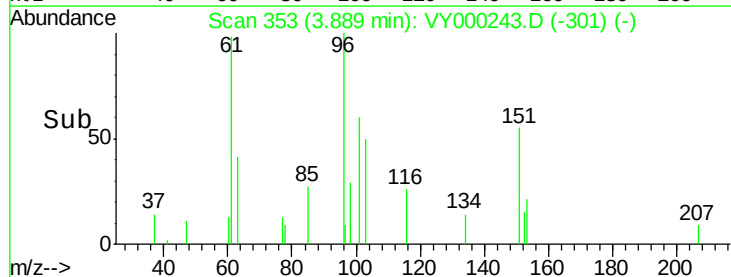
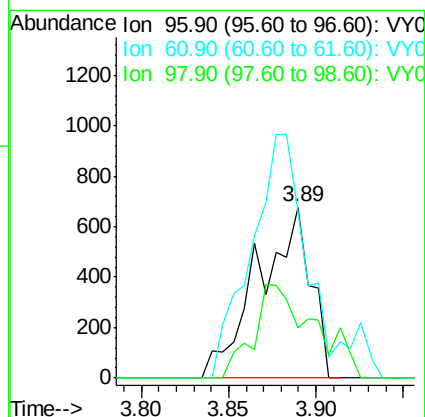
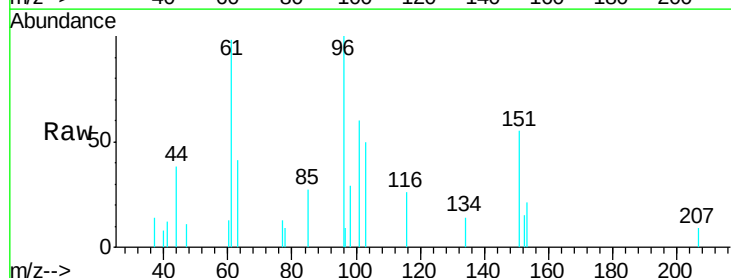
Tgt Ion: 96 Resp: 1417

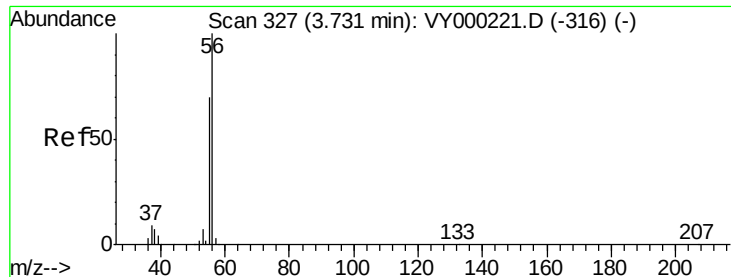
Ion Ratio Lower Upper

96 100

61 97.6 123.8 185.8#

98 29.5 50.9 76.3#





#13

Acrolein

Concen: 2.893 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.02 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

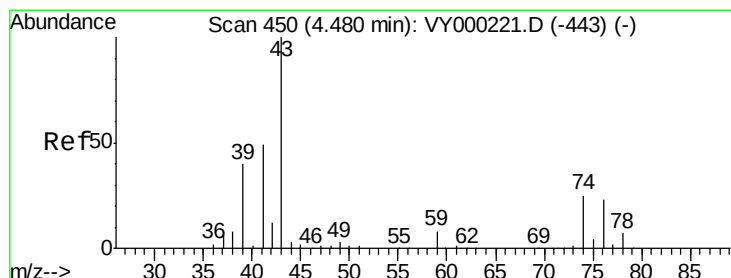
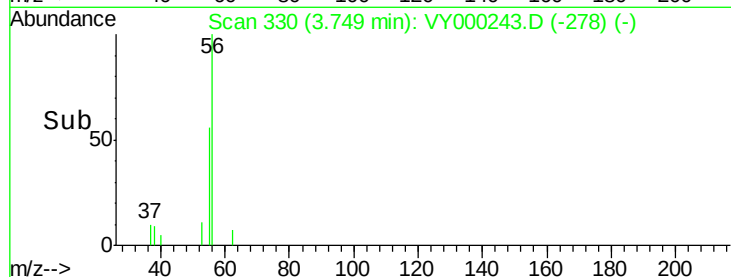
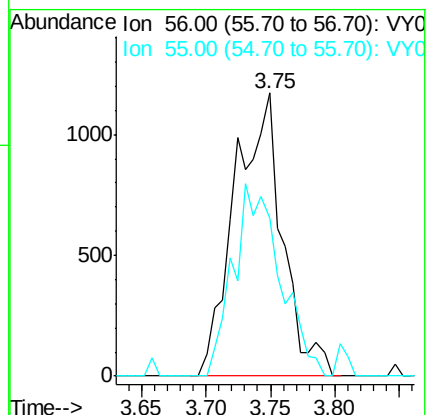
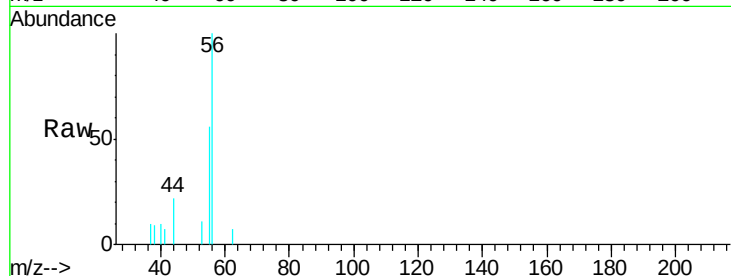
0.5PPBMDL

Tgt Ion: 56 Resp: 3003

Ion Ratio Lower Upper

56 100

55 67.3 55.2 82.8



#14

Allyl chloride

Concen: 0.433 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

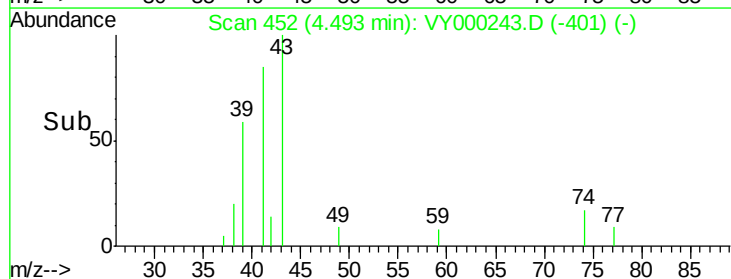
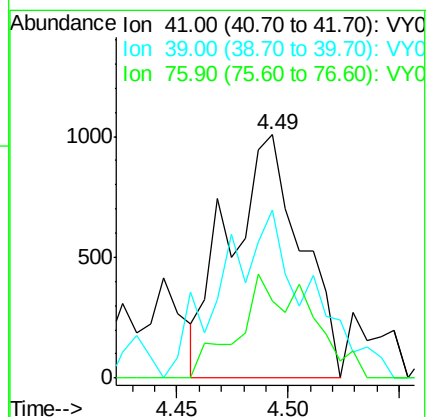
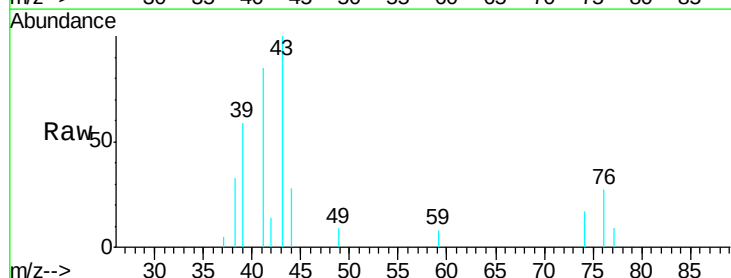
Tgt Ion: 41 Resp: 2271

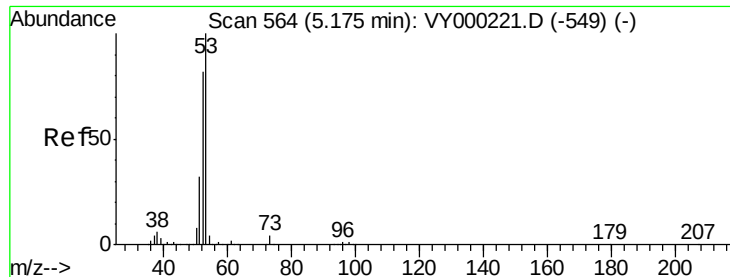
Ion Ratio Lower Upper

41 100

39 83.5 56.4 84.6

76 42.7 30.8 46.2





#15

Acrylonitrile

Concen: 2.379 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

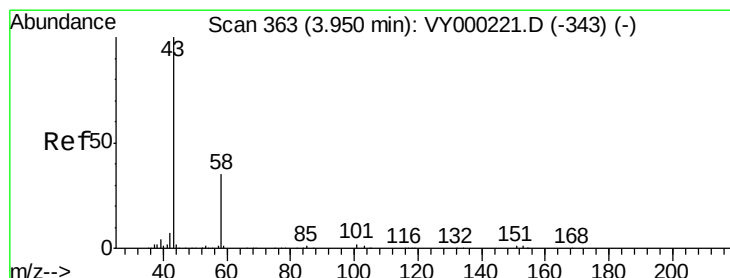
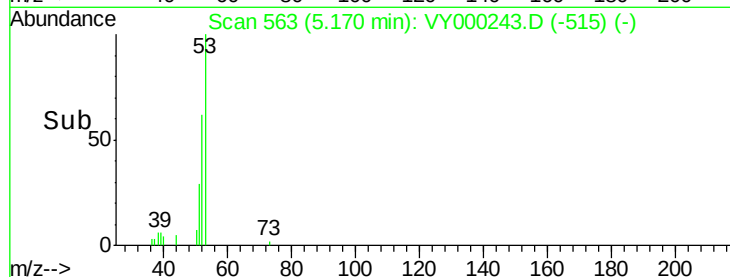
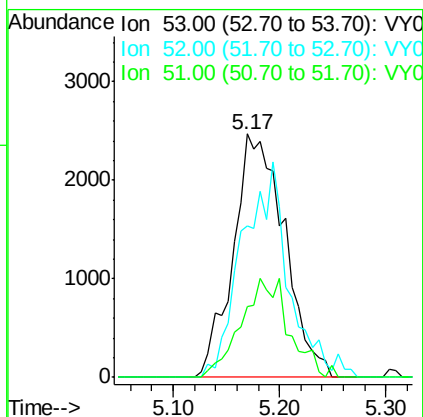
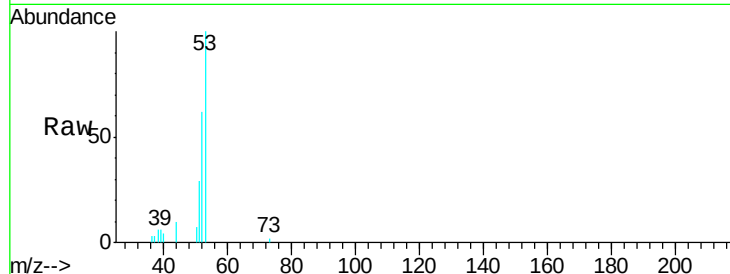
Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tgt Ion:	53	Resp:	8302
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.4	98.2#
51	37.4	27.2	40.8



#16

Acetone

Concen: 2.703 ug/l

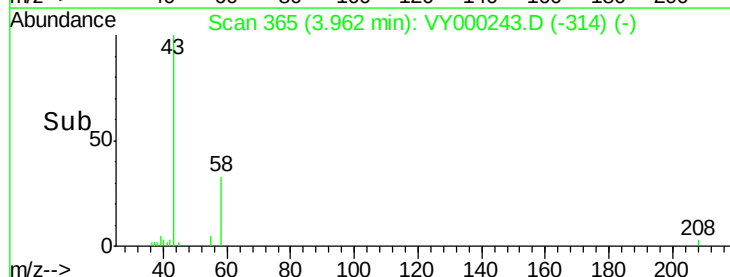
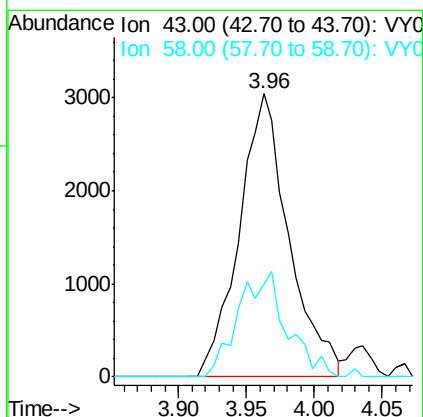
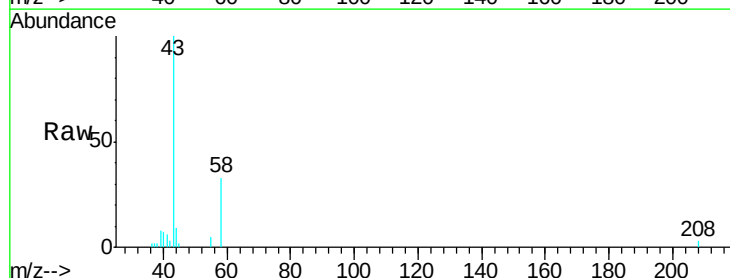
RT: 3.96 min Scan# 365

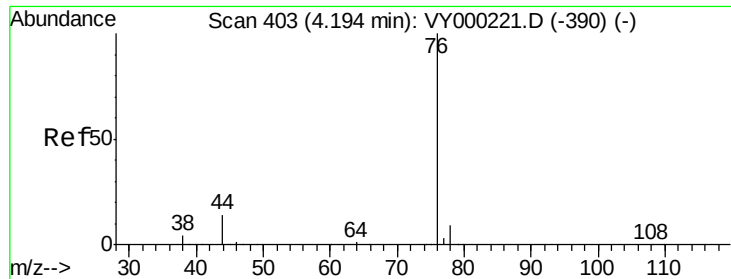
Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Tgt Ion:	43	Resp:	7791
Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.2	42.4





#17

Carbon Disulfide

Concen: 0.473 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

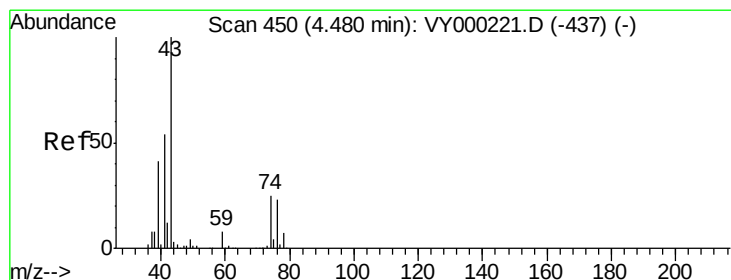
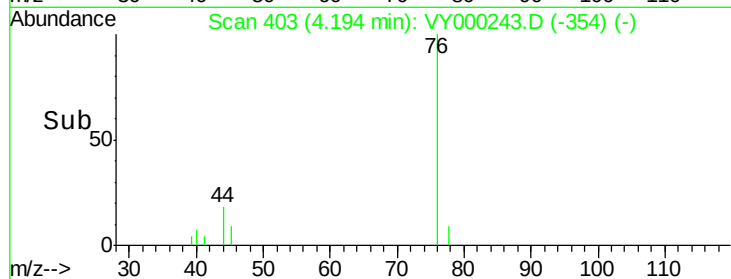
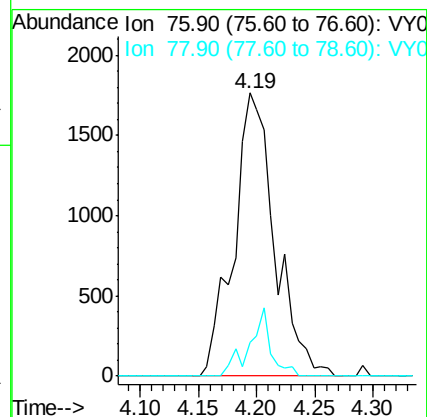
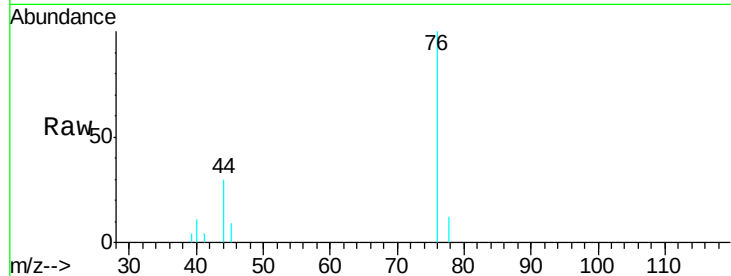
0.5PPBMDL

Tgt Ion: 76 Resp: 4339

Ion Ratio Lower Upper

76 100

78 11.8 7.0 10.6#



#18

Methyl Acetate

Concen: 0.200 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000243.D

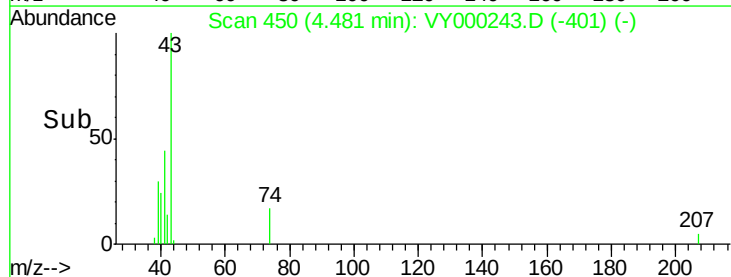
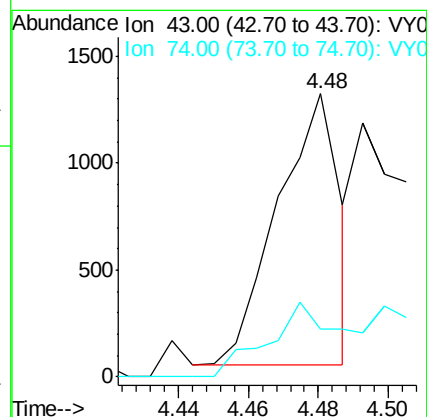
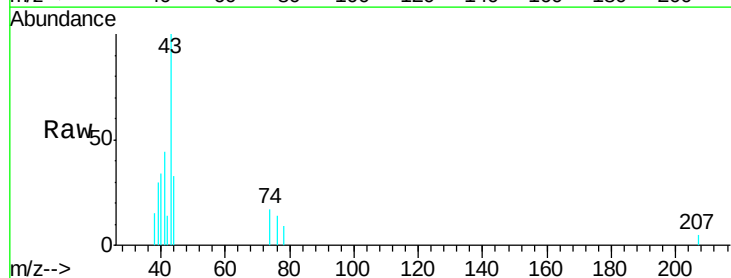
Acq: 09 Oct 2019 15:07

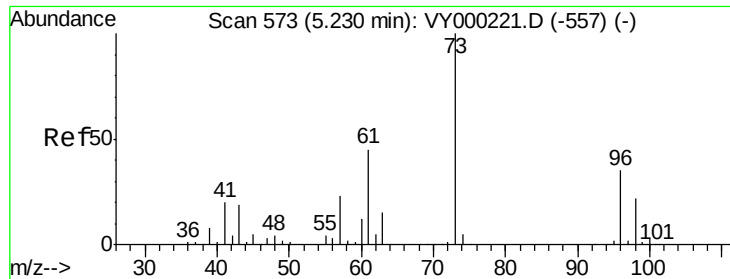
Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

74 33.0 19.1 28.7#

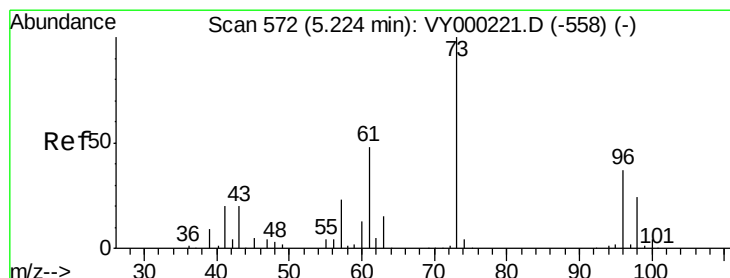
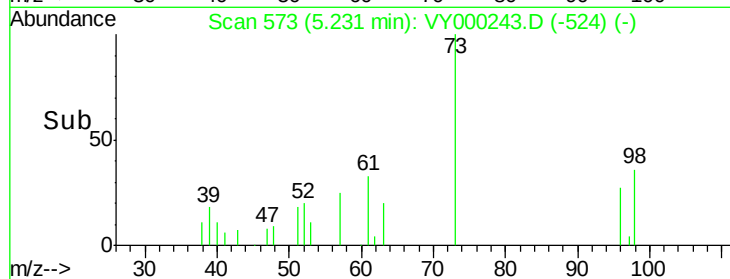
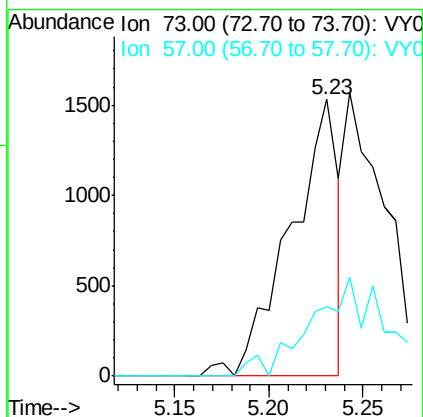
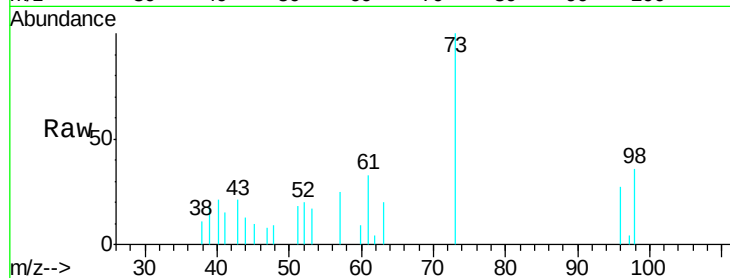




#19
Methyl tert-butyl Ether
Concen: 0.237 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

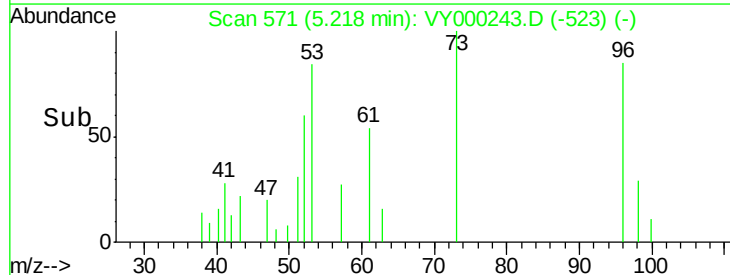
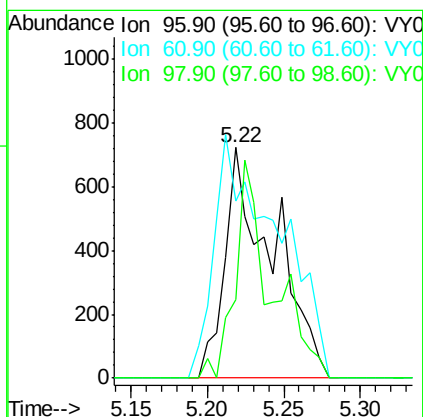
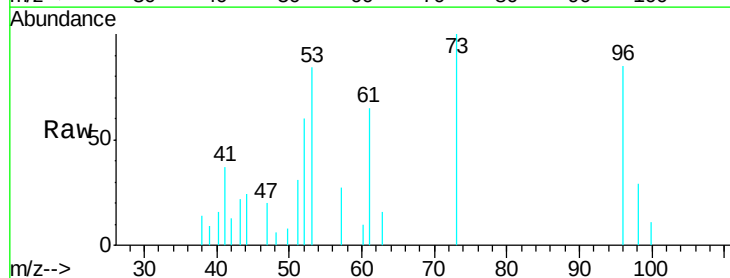
Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

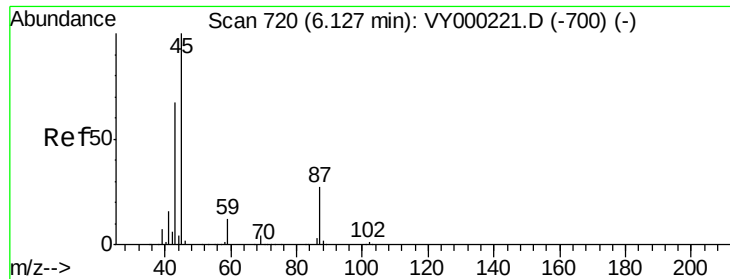
Tgt Ion: 73 Resp: 2699
Ion Ratio Lower Upper
73 100
57 25.4 18.4 27.6



#21
trans-1,2-Dichloroethene
Concen: 0.452 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 96 Resp: 1581
Ion Ratio Lower Upper
96 100
61 76.6 104.2 156.2#
98 34.0 51.0 76.6#





#22

Diisopropyl ether

Concen: 0.450 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tgt Ion: 45 Resp: 5470

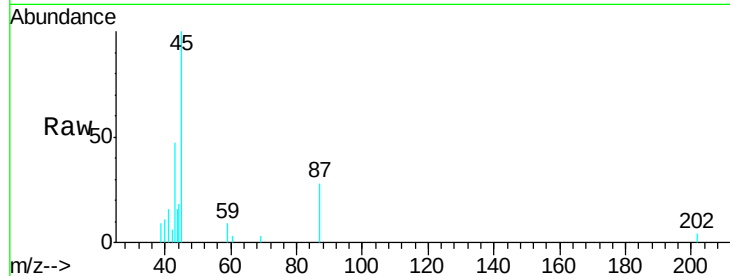
Ion Ratio Lower Upper

45 100

43 47.2 53.4 80.2#

87 27.7 21.7 32.5

59 8.5 9.6 14.4#

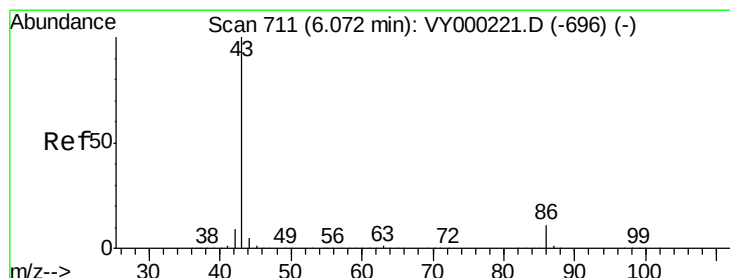
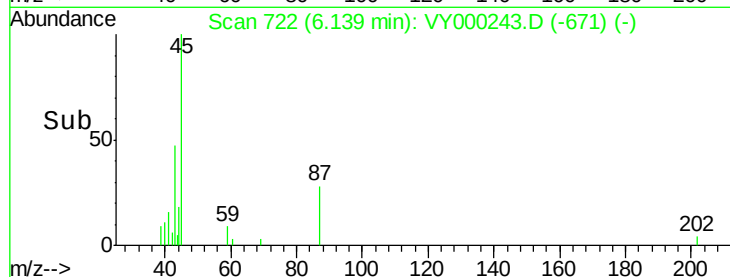
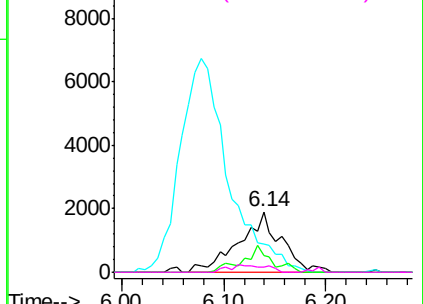


Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 4.135 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000243.D

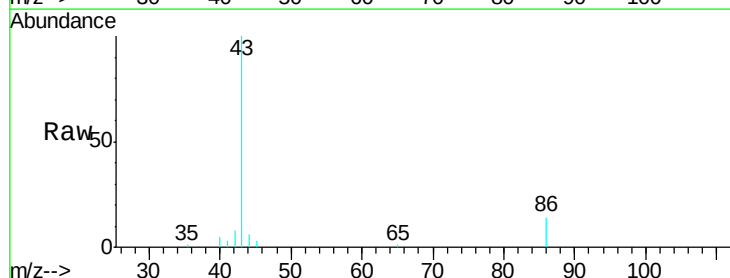
Acq: 09 Oct 2019 15:07

Tgt Ion: 43 Resp: 22162

Ion Ratio Lower Upper

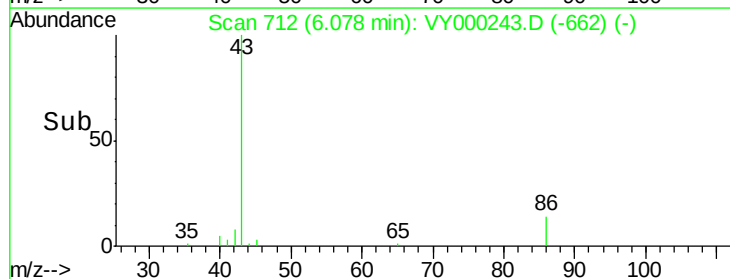
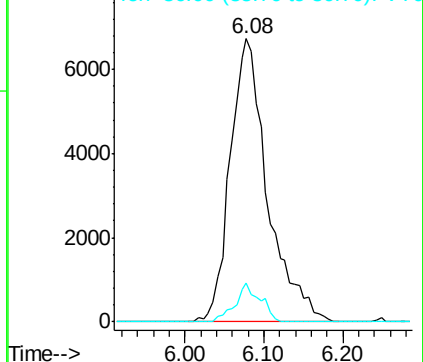
43 100

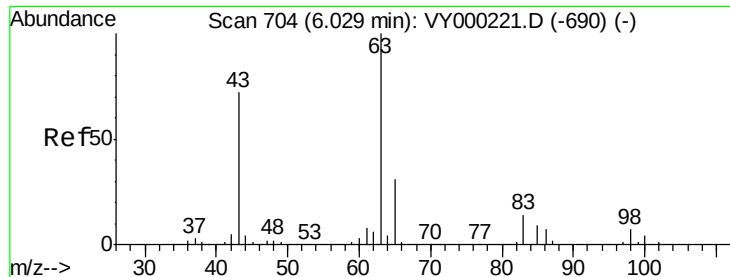
86 13.9 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#24

1,1-Dichloroethane

Concen: 0.501 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

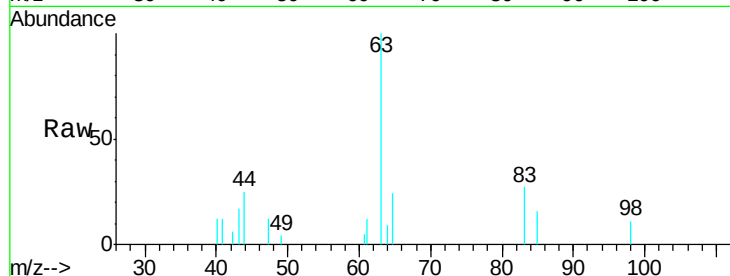
Tgt Ion: 63 Resp: 3102

Ion Ratio Lower Upper

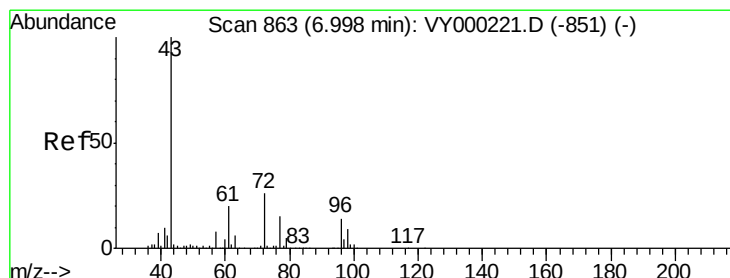
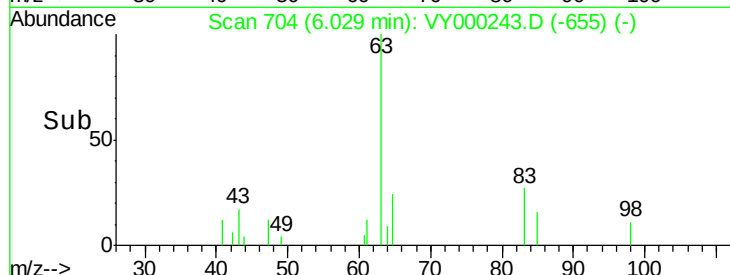
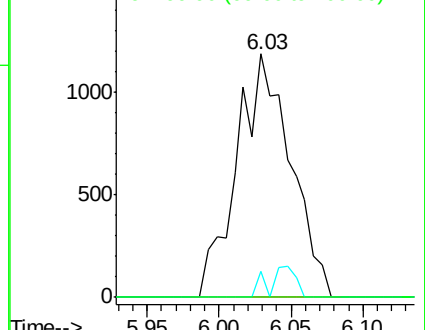
63 100

98 10.7 3.5 10.6#

100 0.0 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: 2.374 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000243.D

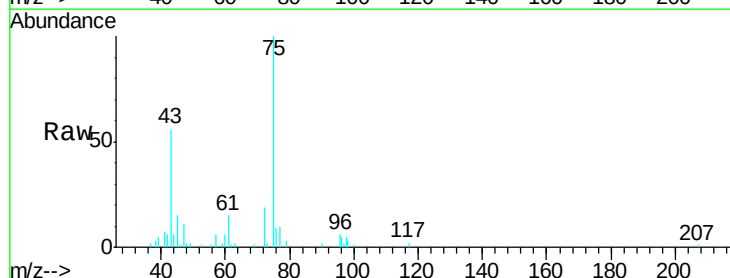
Acq: 09 Oct 2019 15:07

Tgt Ion: 43 Resp: 12660

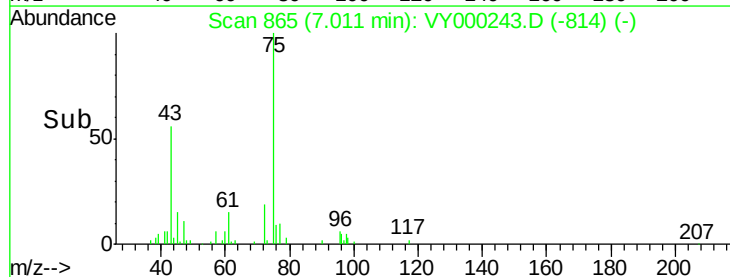
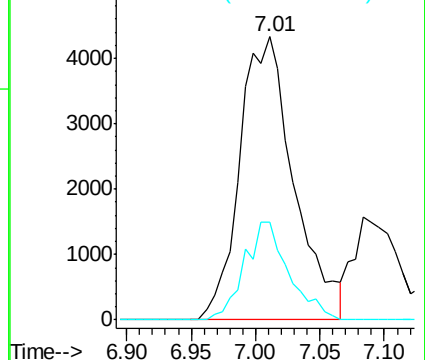
Ion Ratio Lower Upper

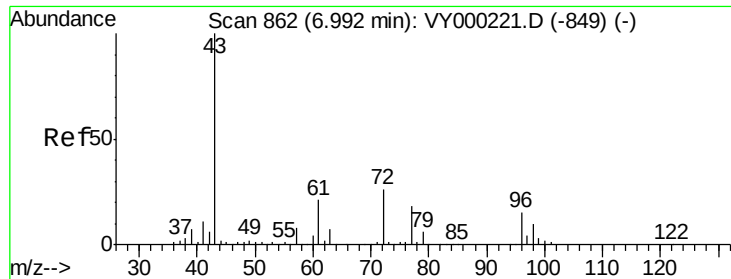
43 100

72 34.6 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

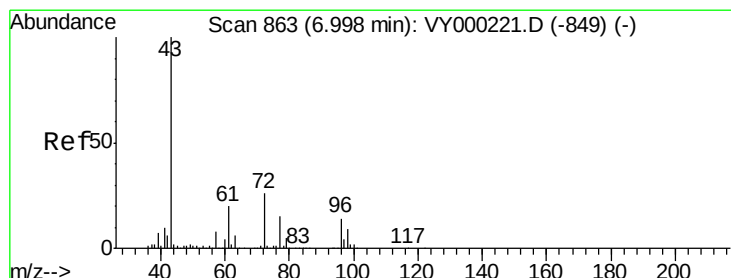
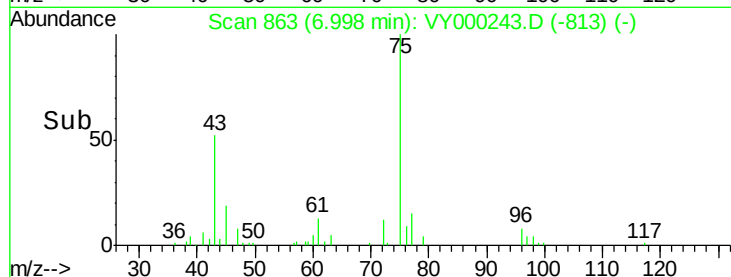
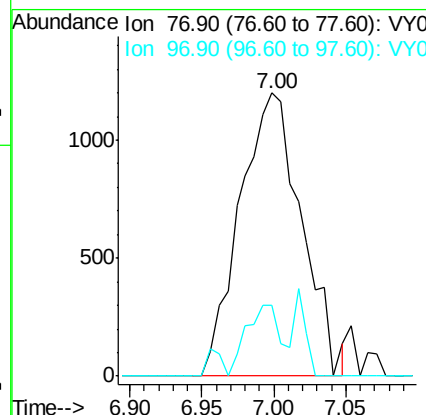
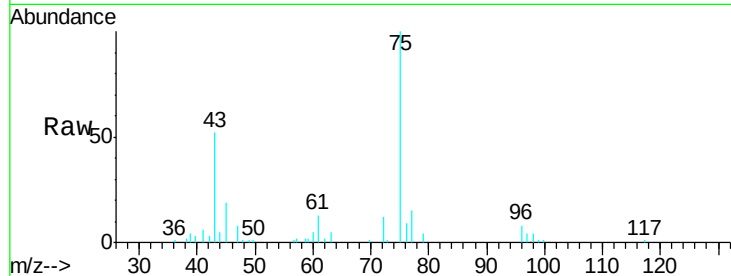




#26
 2,2-Dichloropropane
 Concen: 0.637 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

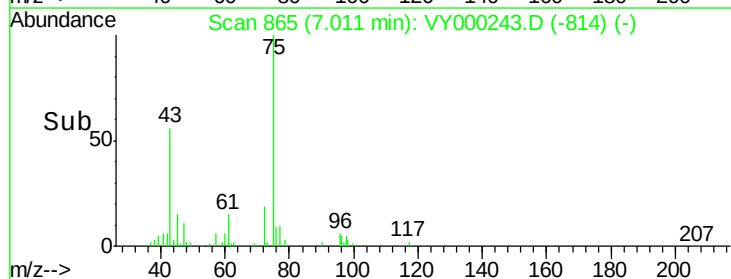
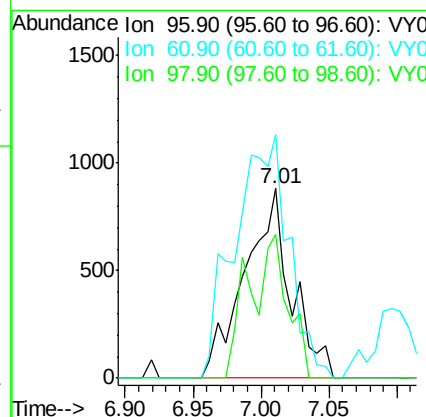
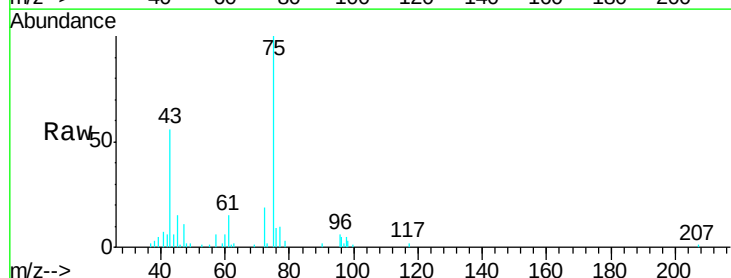
Instrument :
 MSVOA_Y
 ClientSampled :
 0.5PPBMDL

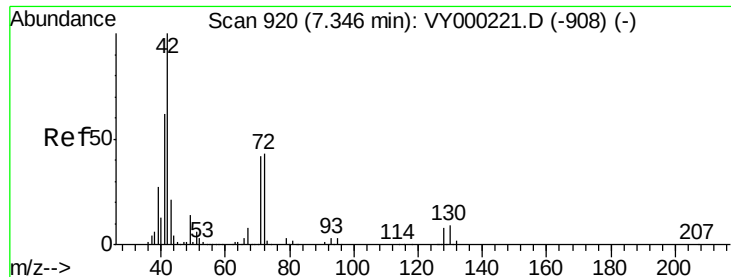
Tgt Ion: 77 Resp: 3561
 Ion Ratio Lower Upper
 77 100
 97 14.3 11.7 35.0



#27
 cis-1,2-Dichloroethene
 Concen: 0.510 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion: 96 Resp: 2102
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 282.6
 98 38.3 0.0 129.8

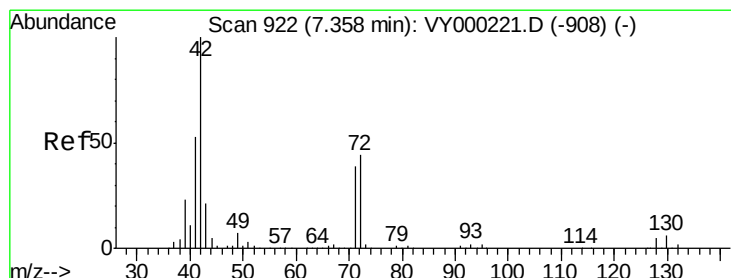
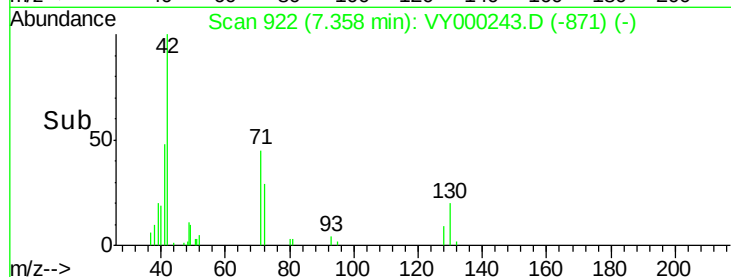
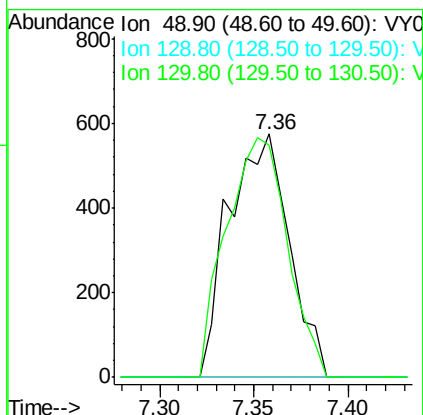
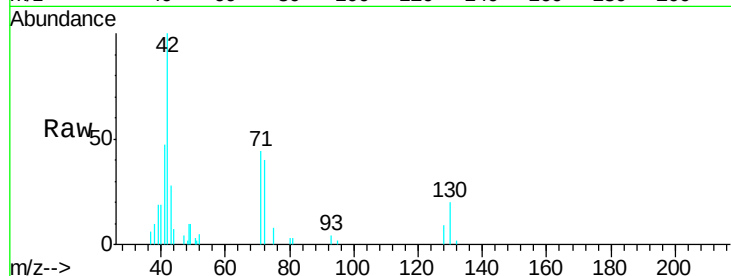




#28
Bromochloromethane
Concen: 0.626 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

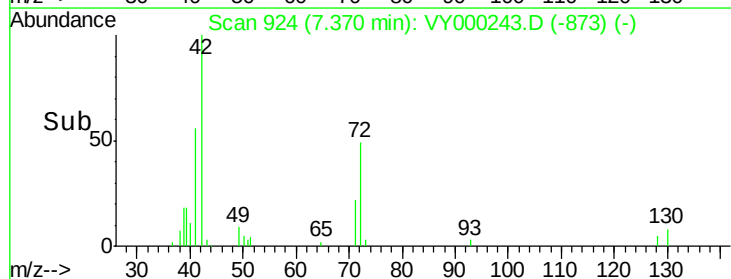
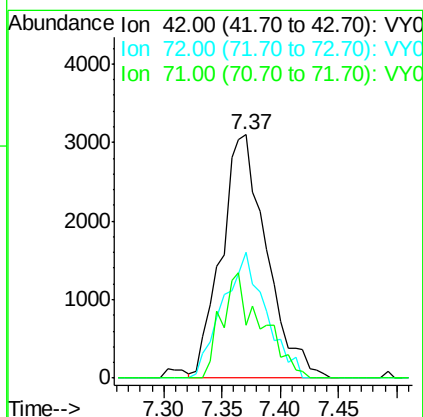
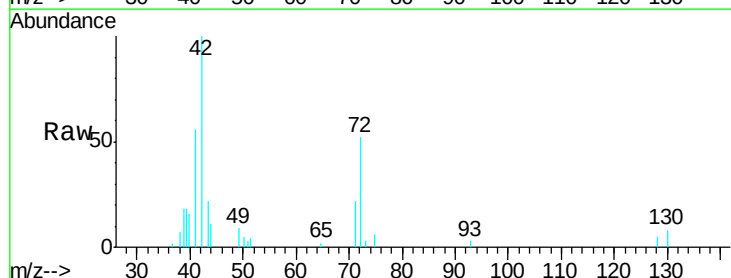
Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

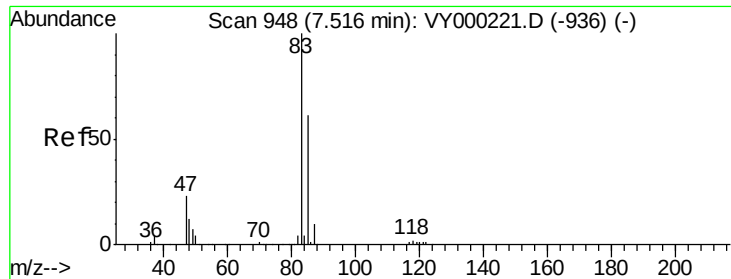
Tgt Ion: 49 Resp: 1277
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.2
130 99.5 56.5 84.7#



#29
Tetrahydrofuran
Concen: 2.229 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 42 Resp: 8394
Ion Ratio Lower Upper
42 100
72 49.2 34.6 51.8
71 37.5 31.9 47.9

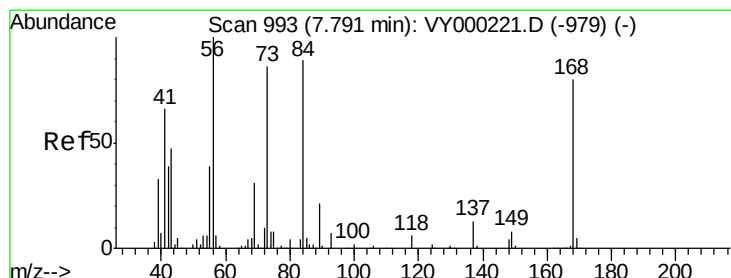
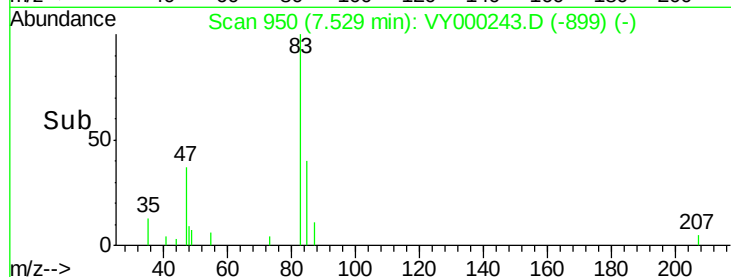
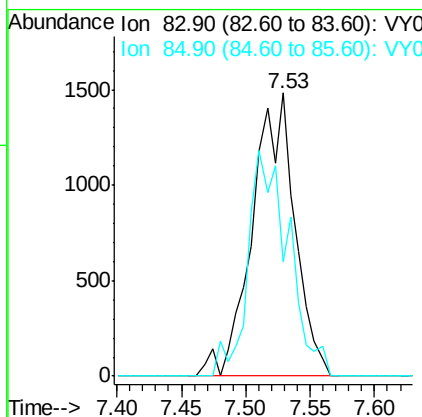
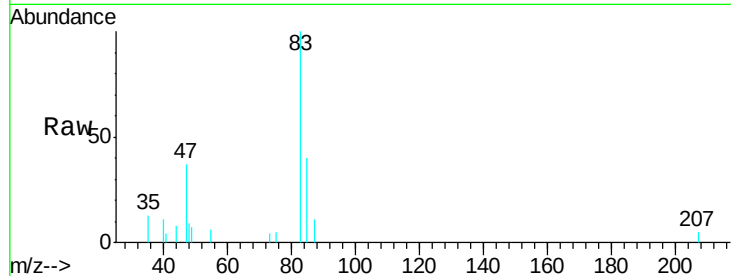




#30
Chloroform
Concen: 0.525 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

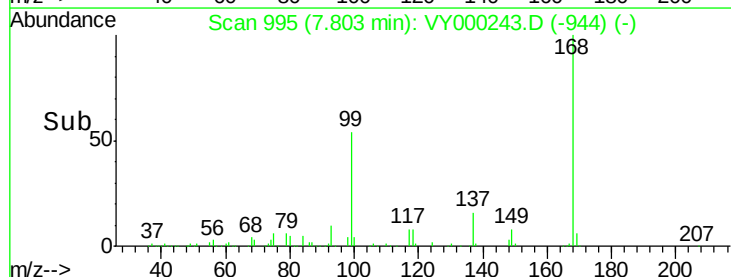
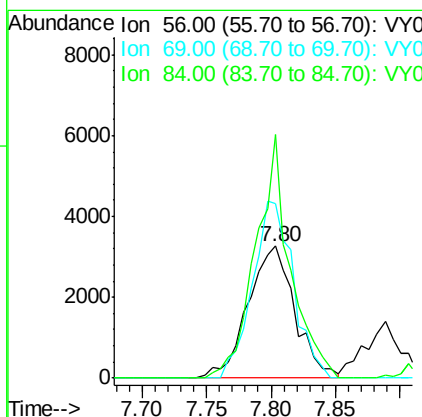
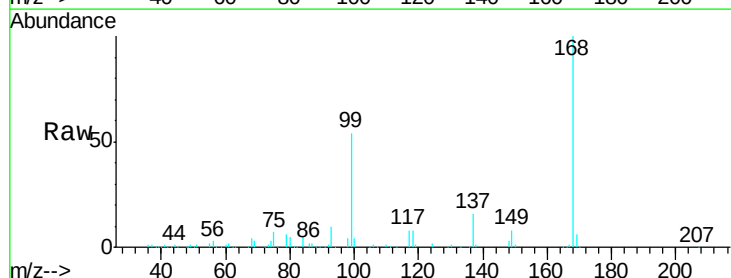
Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

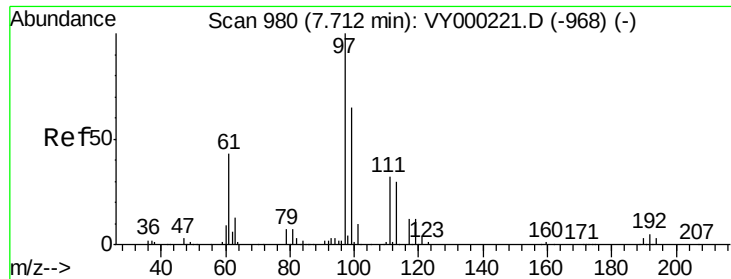
Tgt Ion: 83 Resp: 3374
Ion Ratio Lower Upper
83 100
85 40.2 48.9 73.3#



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 56 Resp: 8212
Ion Ratio Lower Upper
56 100
69 132.6 24.7 37.1#
84 184.6 71.3 106.9#





#32

1,1,1-Trichloroethane

Concen: 0.492 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

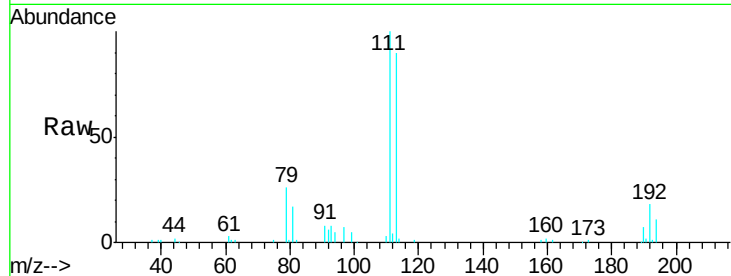
Tgt Ion: 97 Resp: 2687

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.2#

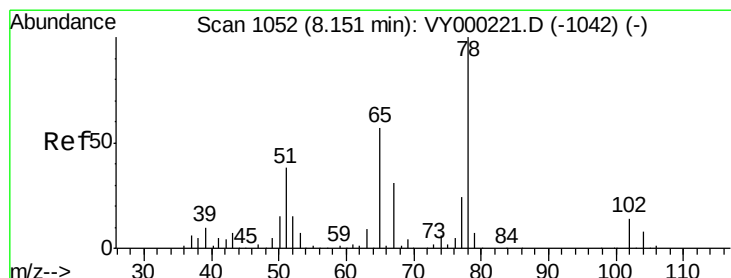
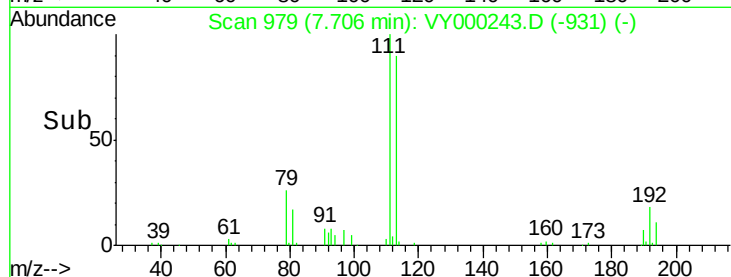
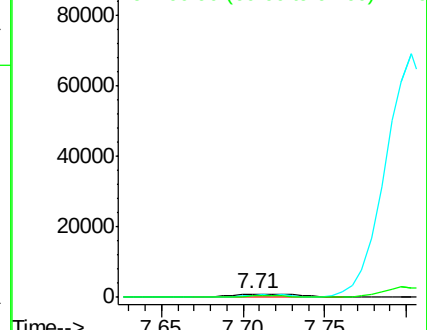
61 36.1 34.2 51.4



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: 48.873 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000243.D

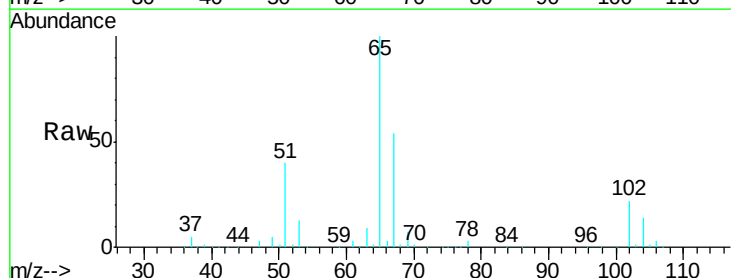
Acq: 09 Oct 2019 15:07

Tgt Ion: 65 Resp: 177873

Ion Ratio Lower Upper

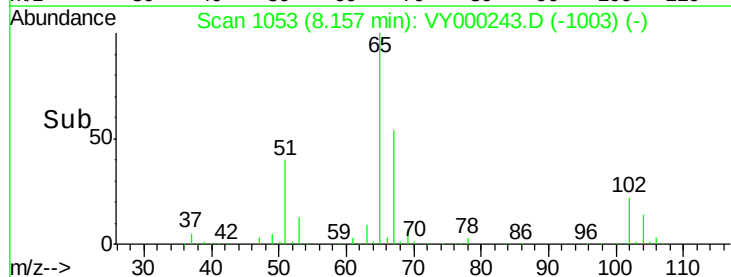
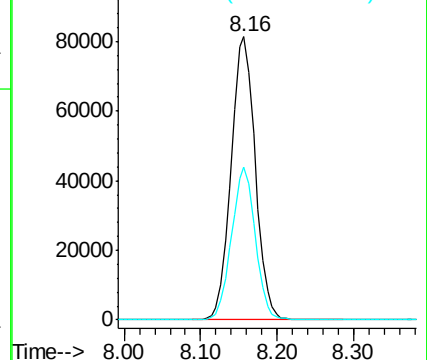
65 100

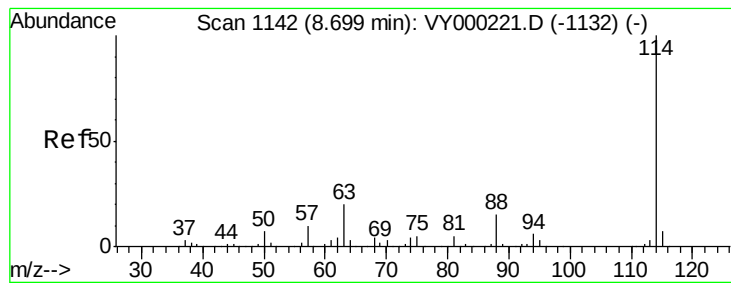
67 52.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

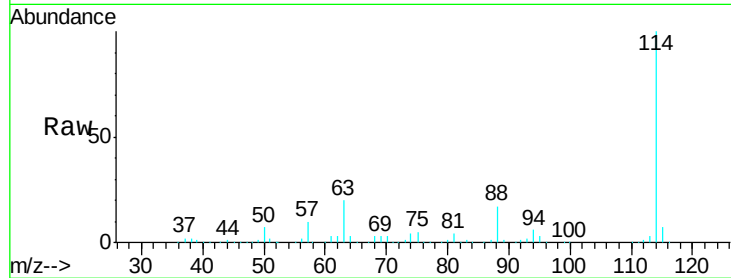
Tgt Ion:114 Resp: 461989

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

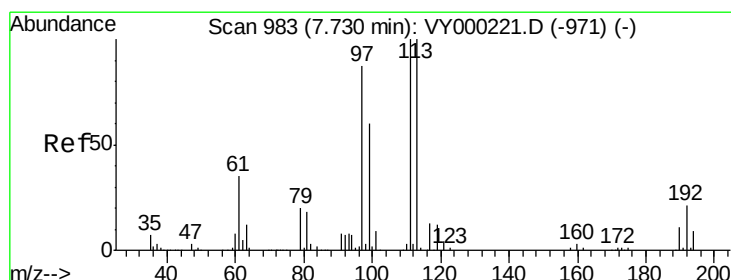
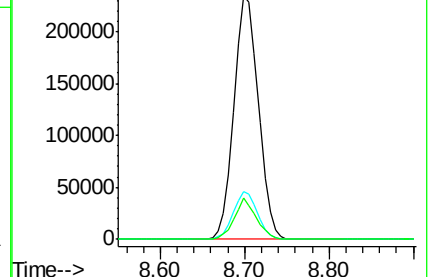
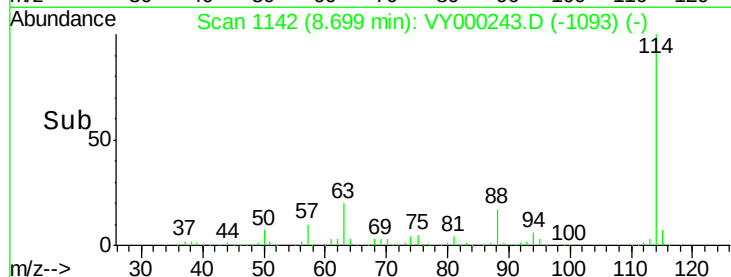
88 16.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

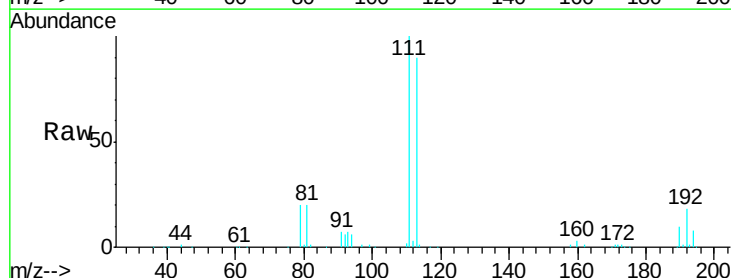
Tgt Ion:113 Resp: 137174

Ion Ratio Lower Upper

113 100

111 106.1 82.6 124.0

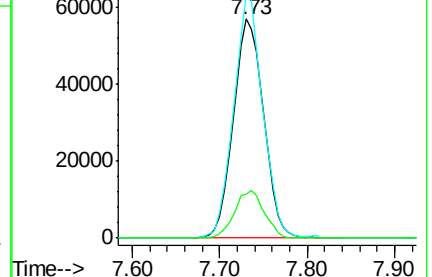
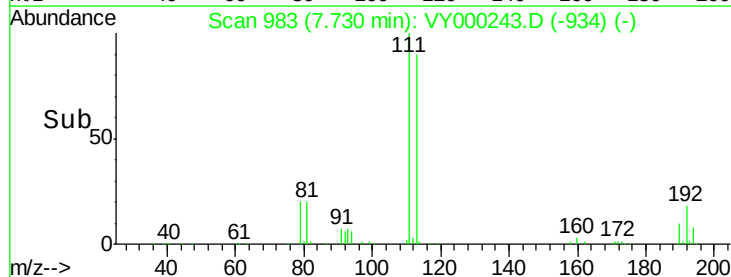
192 21.3 15.8 23.8

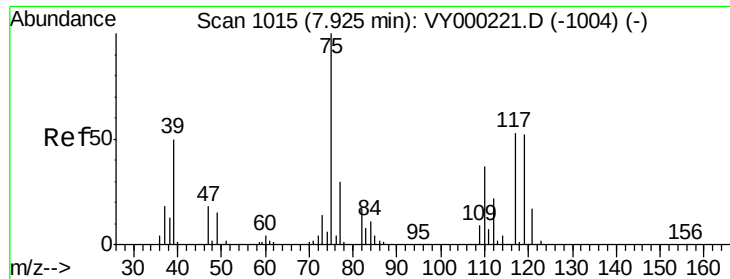


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.526 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

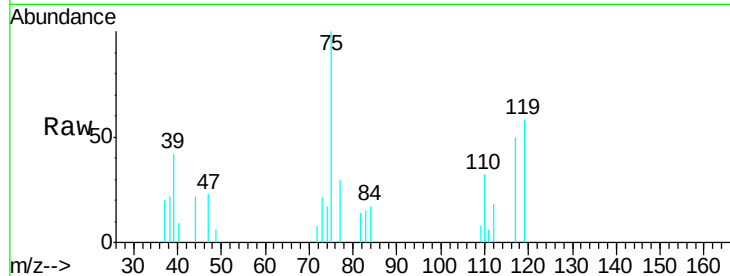
Tgt Ion: 75 Resp: 2473

Ion Ratio Lower Upper

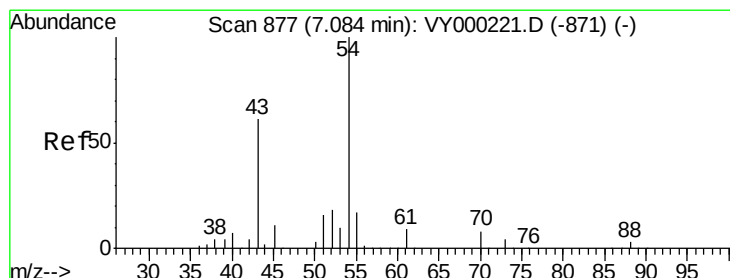
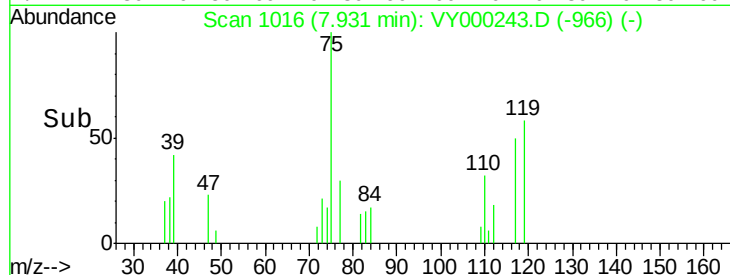
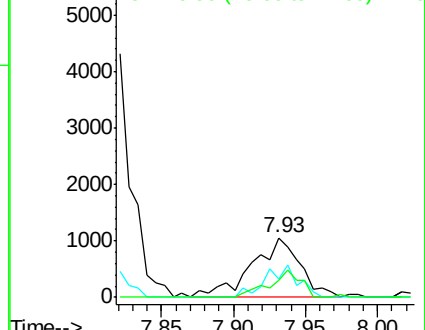
75 100

110 36.7 18.4 55.2

77 30.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): VY0
Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 0.470 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

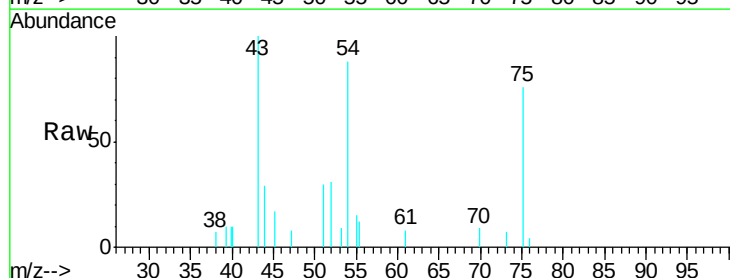
Tgt Ion: 43 Resp: 3998

Ion Ratio Lower Upper

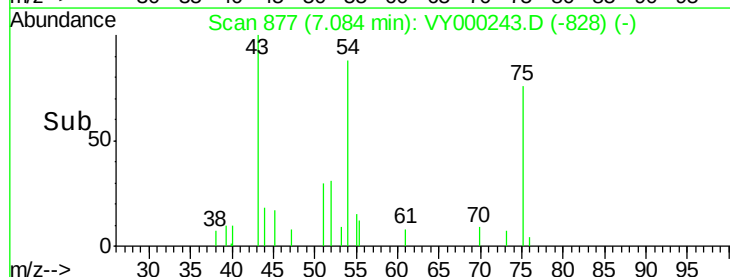
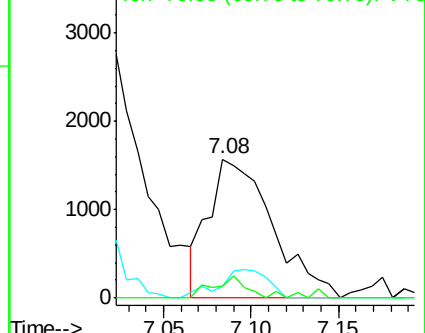
43 100

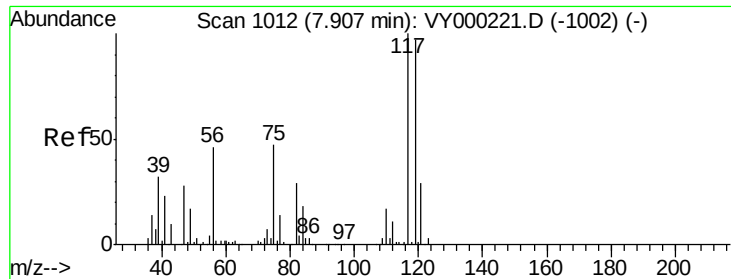
61 15.5 11.1 16.7

70 7.9 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

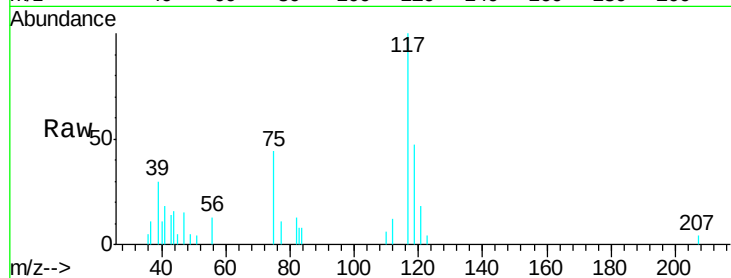




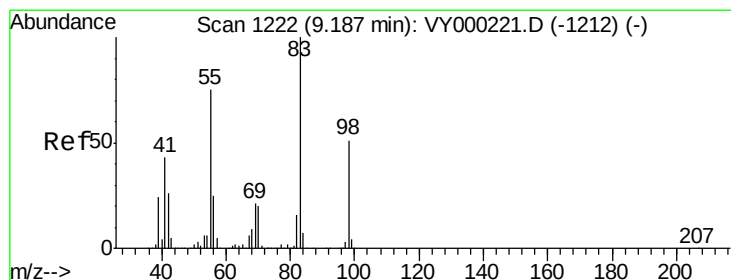
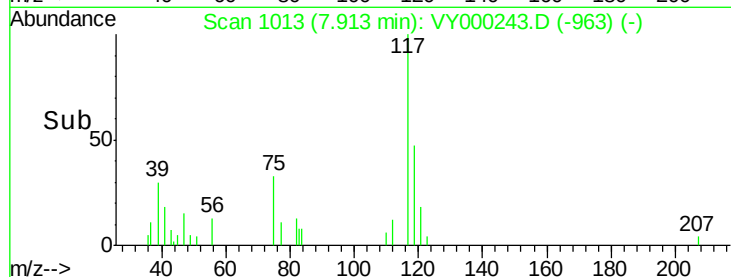
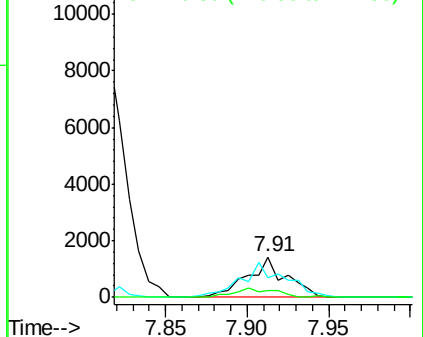
#38
Carbon Tetrachloride
Concen: 0.517 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tgt Ion: 117 Resp: 2370
Ion Ratio Lower Upper
117 100
119 47.0 77.2 115.8#
121 17.5 23.1 34.7#

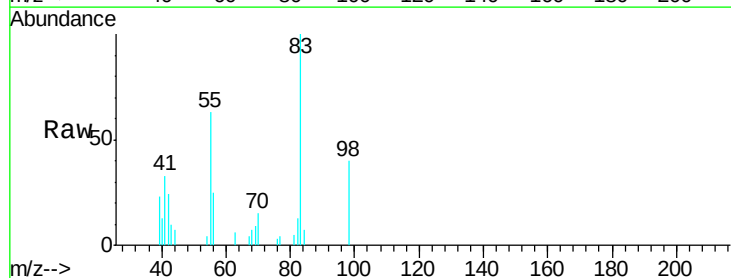


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

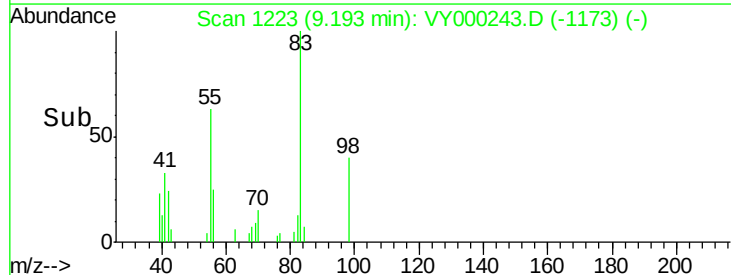
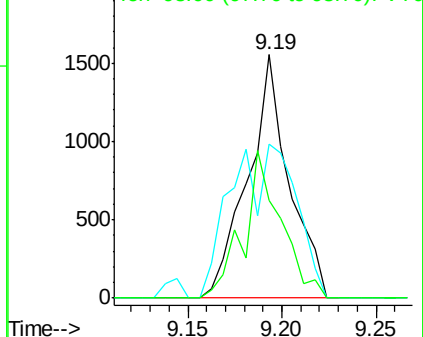


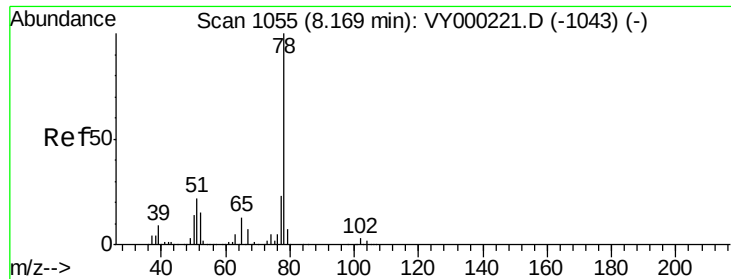
#39
Methylcyclohexane
Concen: 0.399 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 83 Resp: 2353
Ion Ratio Lower Upper
83 100
55 63.3 60.2 90.4
98 39.9 40.5 60.7#



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





#40

Benzene

Concen: 0.452 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

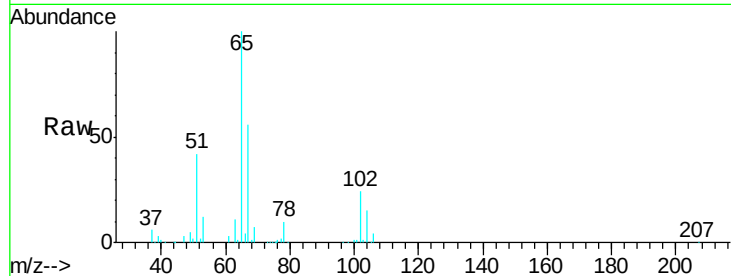
0.5PPBMDL

Tgt Ion: 78 Resp: 6448

Ion Ratio Lower Upper

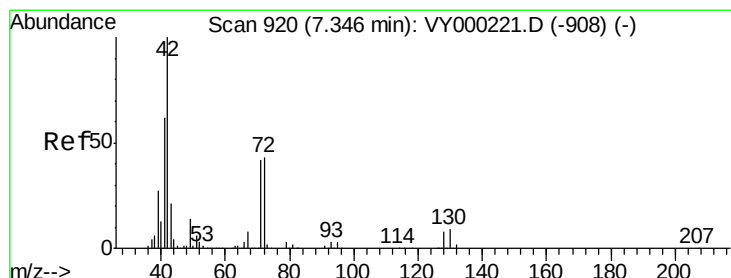
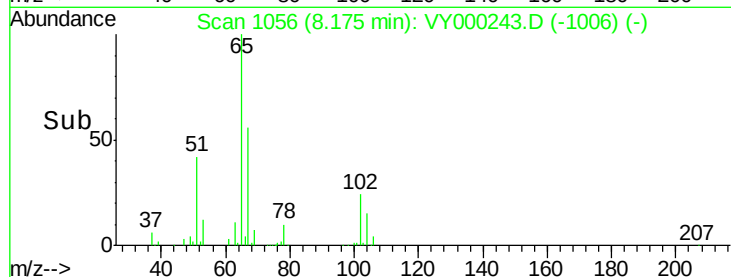
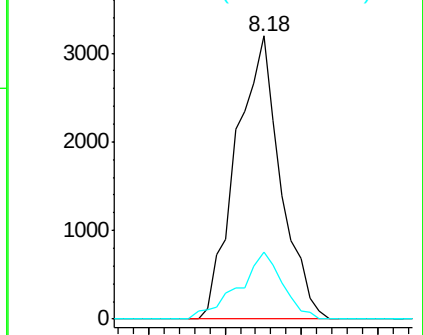
78 100

77 23.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 0.285 ug/l

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Tgt Ion: 41 Resp: 1903

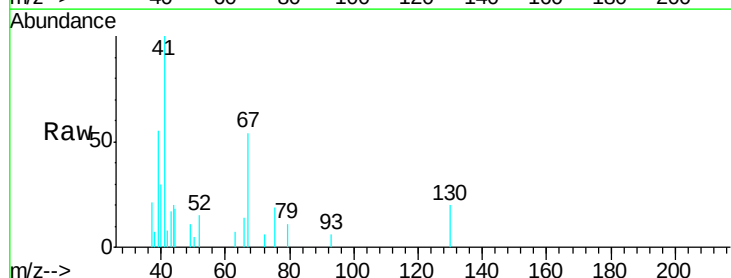
Ion Ratio Lower Upper

41 100

39 61.7 74.7 112.1#

67 79.0 0.0 0.0#

52 16.0 0.0 0.0#

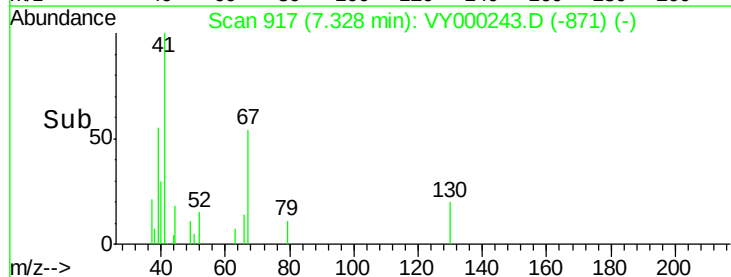
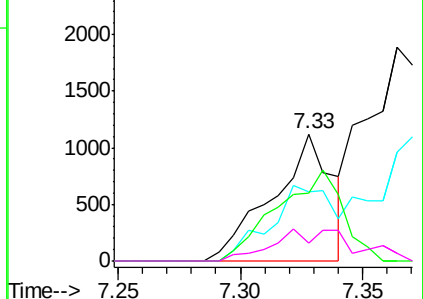


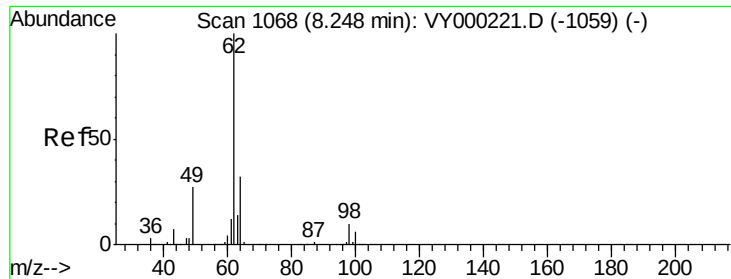
Abundance Ion 41.00 (40.70 to 41.70): VY0

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

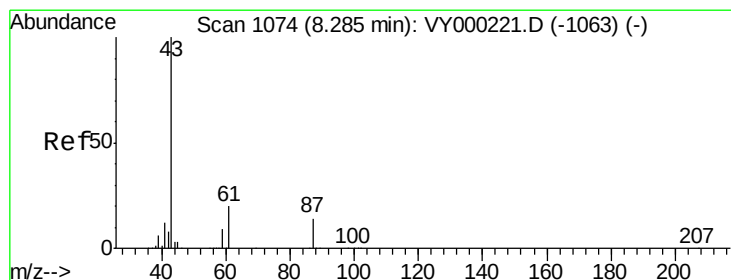
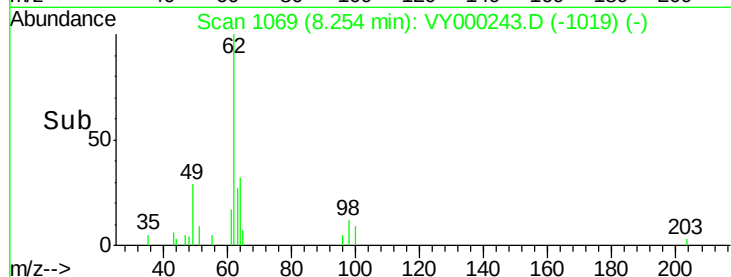
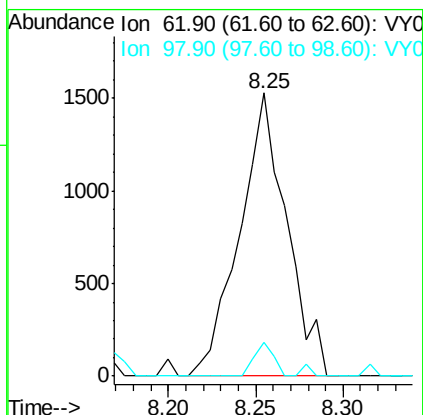
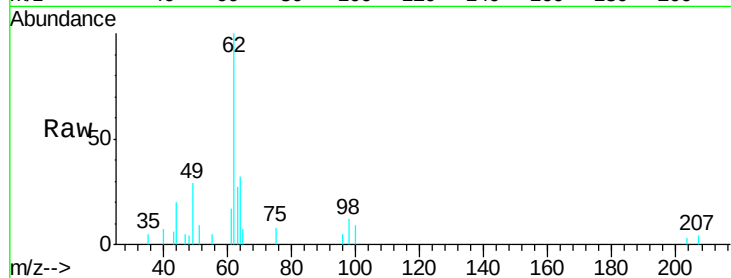




#42
 1,2-Dichloroethane
 Concen: 0.617 ug/l
 RT: 8.25 min Scan# 1069
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

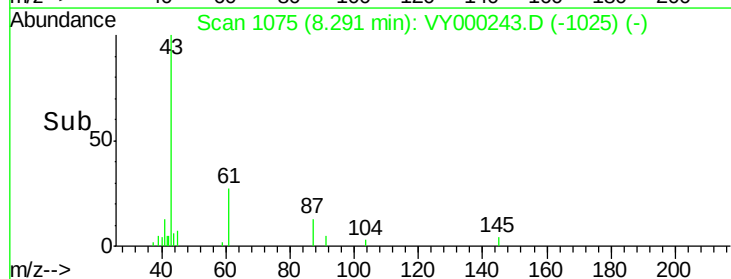
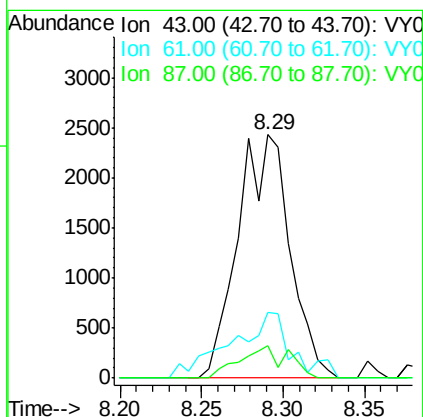
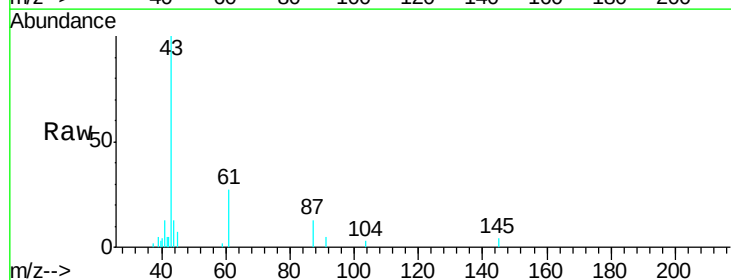
Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

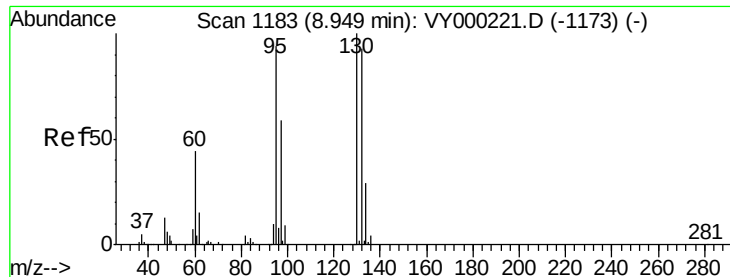
Tgt Ion: 62 Resp: 2859
 Ion Ratio Lower Upper
 62 100
 98 4.9 0.0 20.0



#43
 Isopropyl Acetate
 Concen: 0.493 ug/l
 RT: 8.29 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion: 43 Resp: 5392
 Ion Ratio Lower Upper
 43 100
 61 31.8 20.1 30.1#
 87 12.3 10.6 15.8





#44

Trichloroethene

Concen: 0.496 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

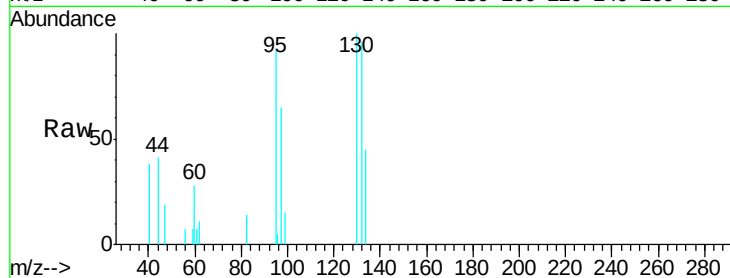
0.5PPBMDL

Tgt Ion:130 Resp: 1918

Ion Ratio Lower Upper

130 100

95 92.2 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): VY000243.D (-1179) (-)

Ion 94.90 (94.60 to 95.60): VY000243.D (-1179) (-)

8.96

1200

1000

800

600

400

200

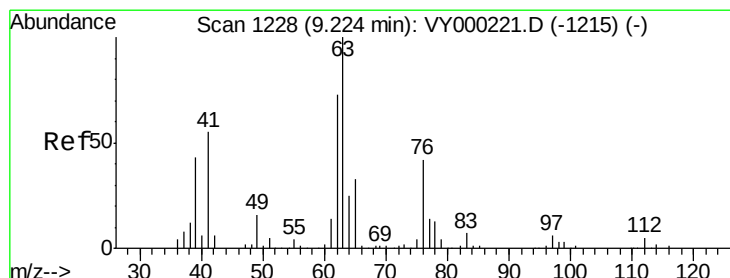
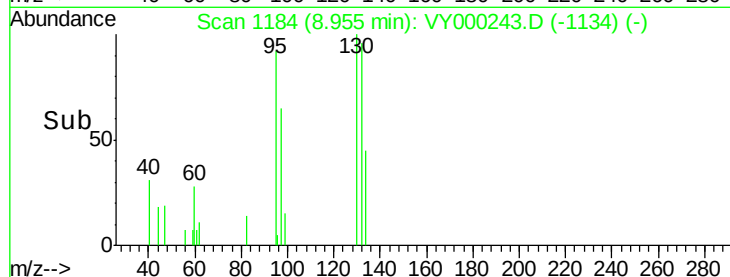
0

8.90

8.95

9.00

Time-->



#45

1,2-Dichloropropane

Concen: 0.414 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VY000243.D

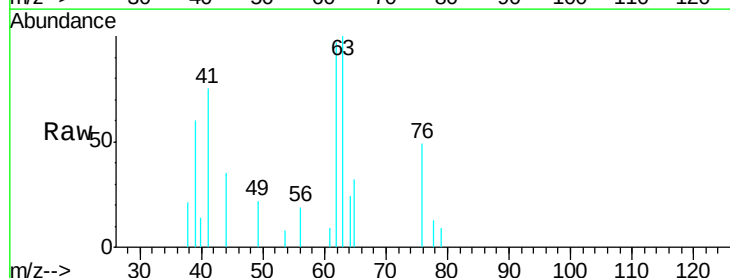
Acq: 09 Oct 2019 15:07

Tgt Ion: 63 Resp: 1477

Ion Ratio Lower Upper

63 100

65 32.0 26.6 39.8



Abundance Ion 62.90 (62.60 to 63.60): VY000243.D (-1179) (-)

Ion 64.90 (64.60 to 65.60): VY000243.D (-1179) (-)

9.23

800

600

400

200

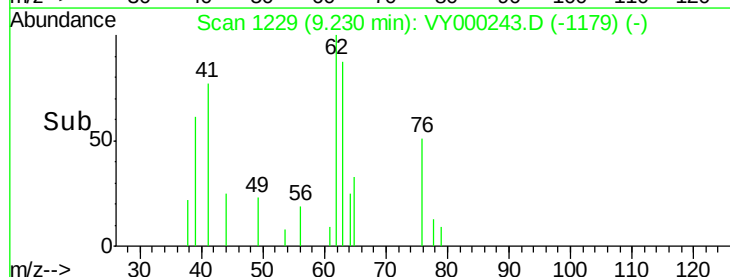
0

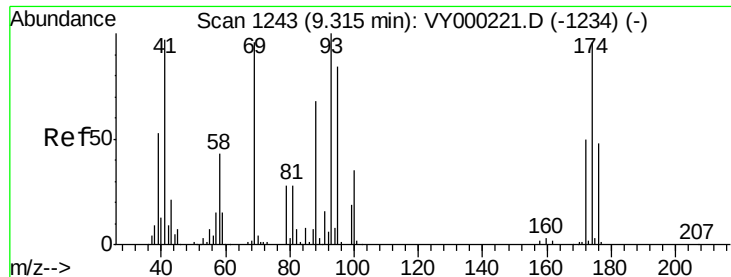
9.15

9.20

9.25

Time-->

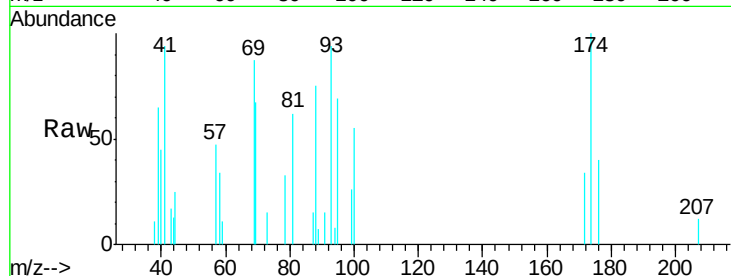




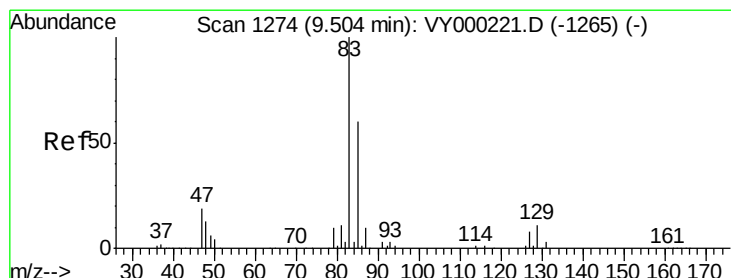
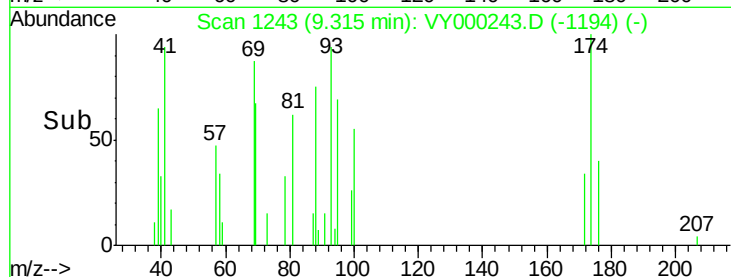
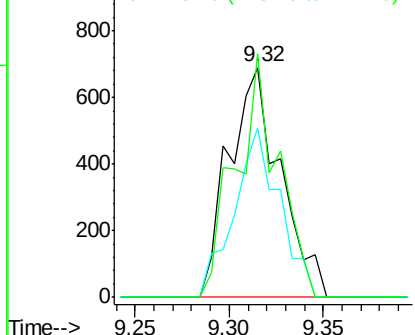
#46
Dibromomethane
Concen: 0.522 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

Tgt Ion: 93 Resp: 1306
Ion Ratio Lower Upper
93 100
95 64.8 67.0 100.6#
174 87.7 77.5 116.3

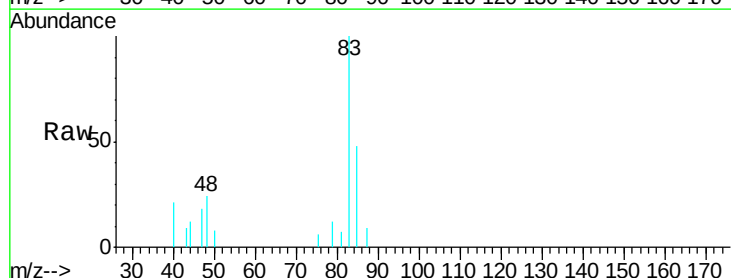


Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V

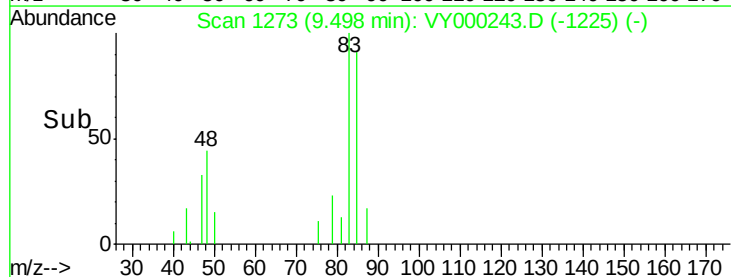
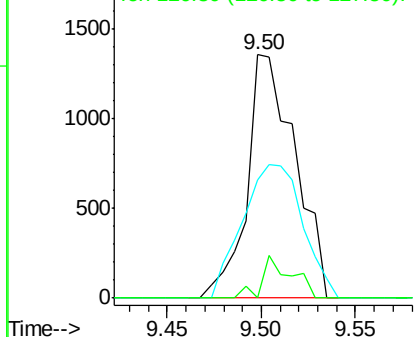


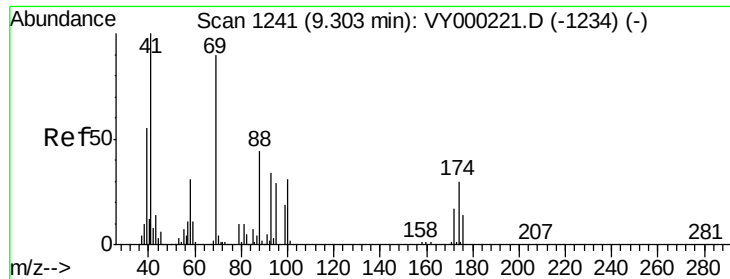
#47
Bromodichloromethane
Concen: 0.490 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
85 48.5 48.0 72.0
127 0.0 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): V

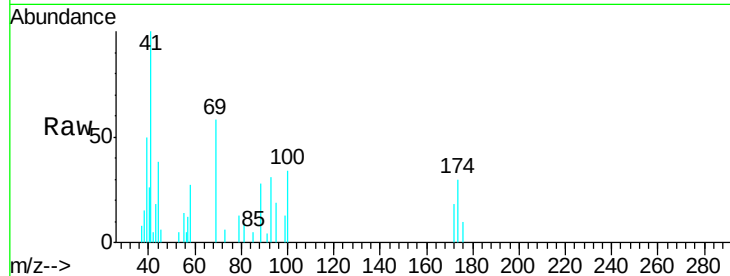




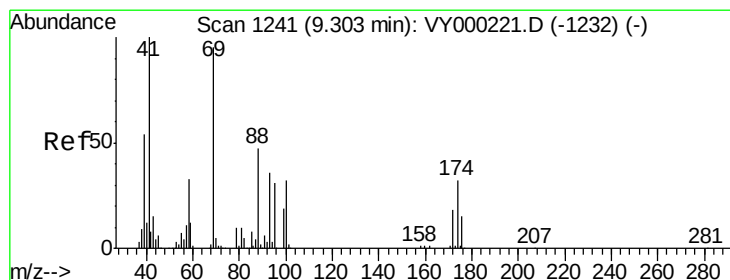
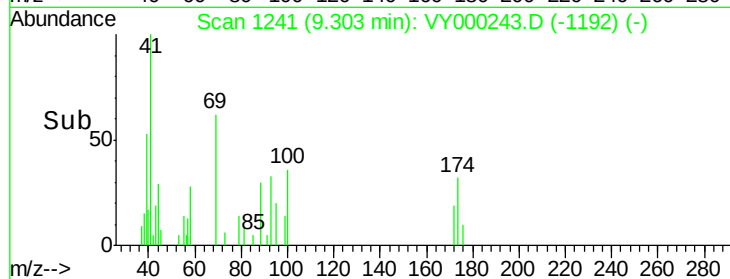
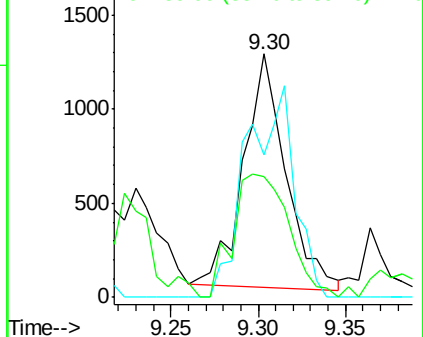
#48
Methyl methacrylate
Concen: 0.426 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Instrument :
MSVOA_Y
ClientSampled :
0.5PPBMDL

Tgt Ion: 41 Resp: 2101
Ion Ratio Lower Upper
41 100
69 101.3 70.3 105.5
39 69.0 45.5 68.3#

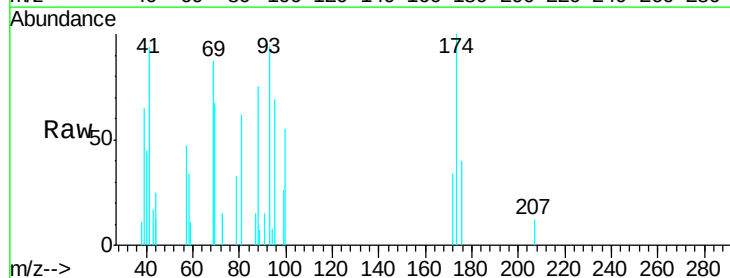


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

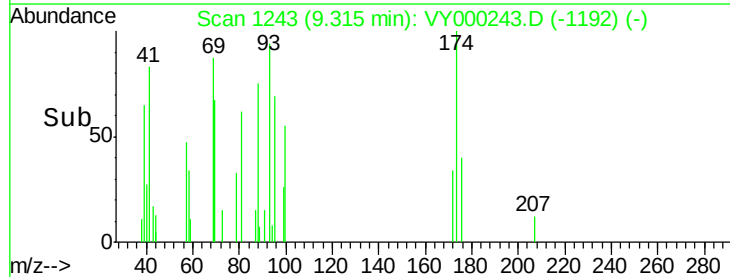
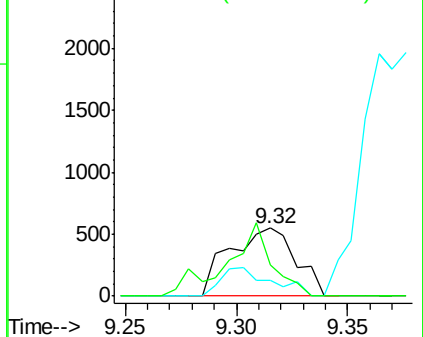


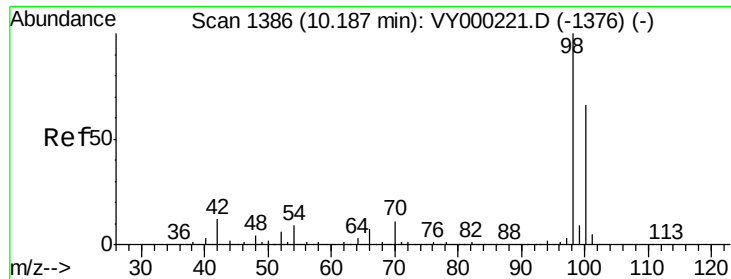
#49
1,4-Dioxane
Concen: 8.940 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 88 Resp: 1133
Ion Ratio Lower Upper
88 100
43 31.9 24.5 36.7
58 74.0 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

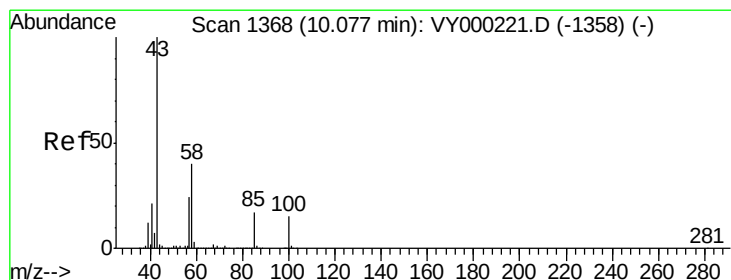
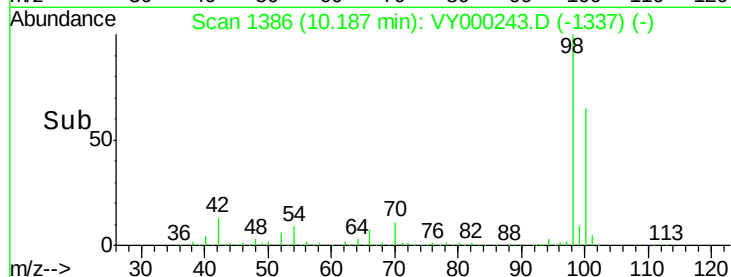
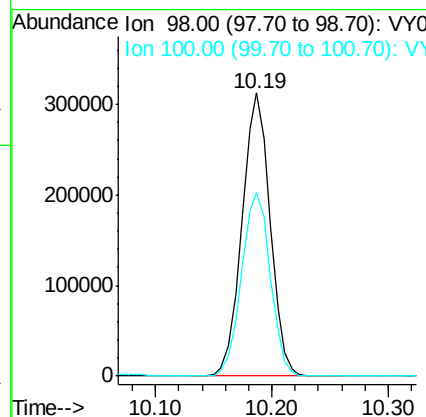
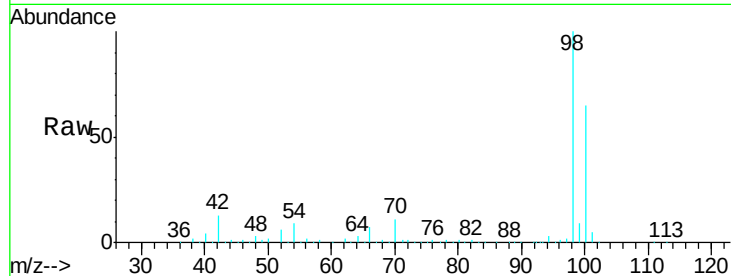




#50
Toluene-d8
Concen: 46.466 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

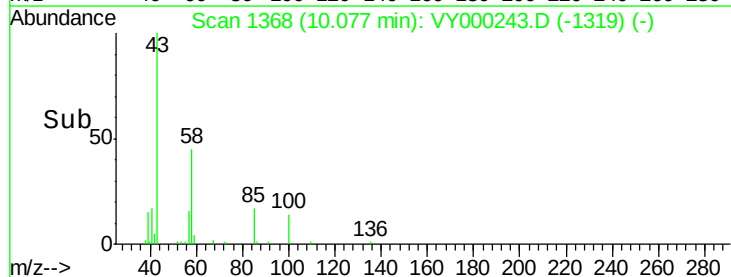
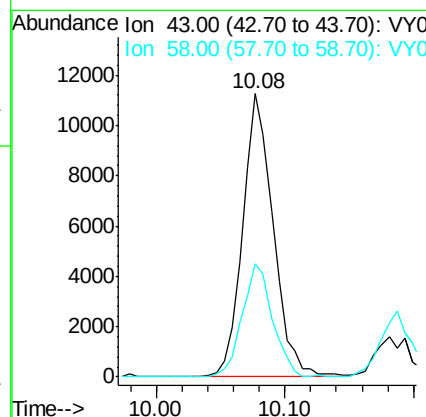
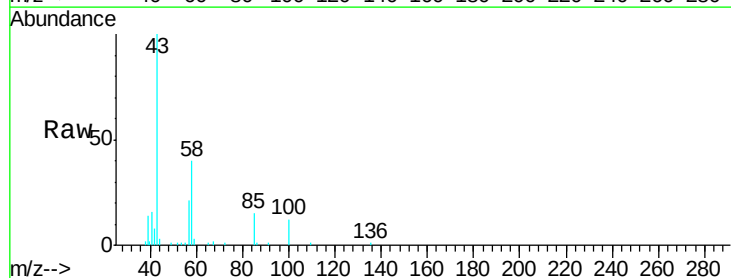
Instrument :
MSVOA_Y
ClientSampled :
0.5PPBMDL

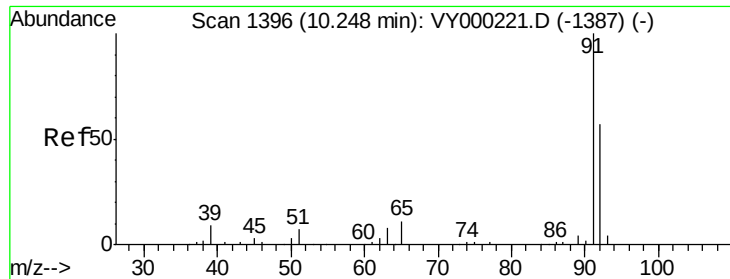
Tgt Ion: 98 Resp: 525408
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.248 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 43 Resp: 18482
Ion Ratio Lower Upper
43 100
58 39.4 31.7 47.5





#52

Toluene

Concen: 0.428 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

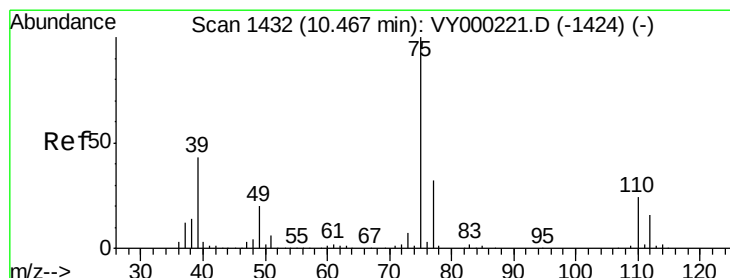
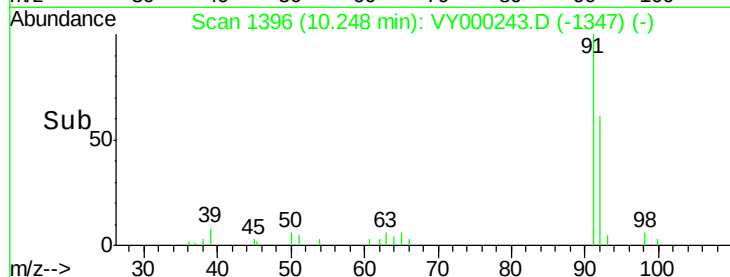
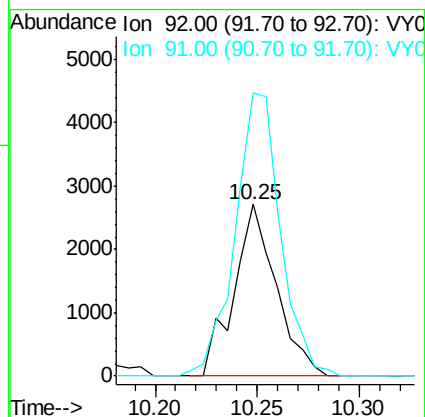
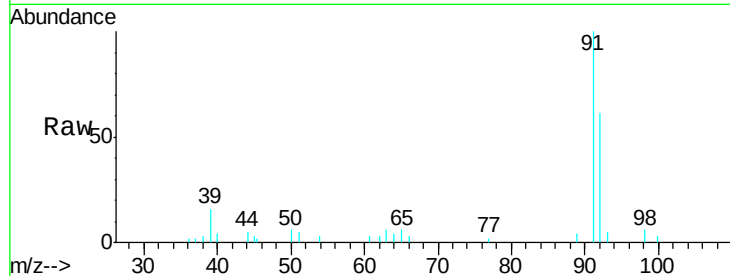
0.5PPBMDL

Tgt Ion: 92 Resp: 3915

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7



#53

t-1,3-Dichloropropene

Concen: 0.566 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000243.D

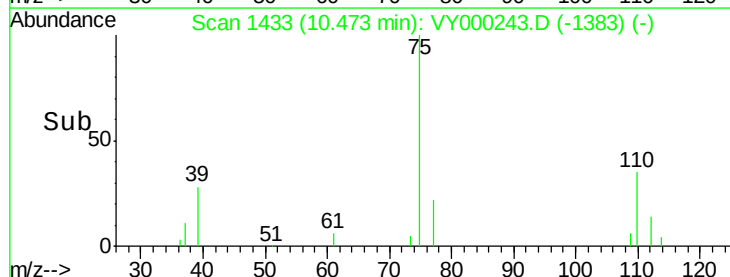
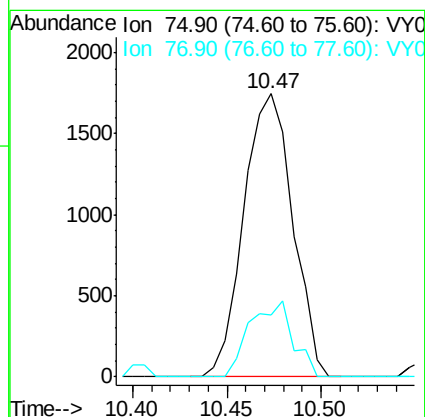
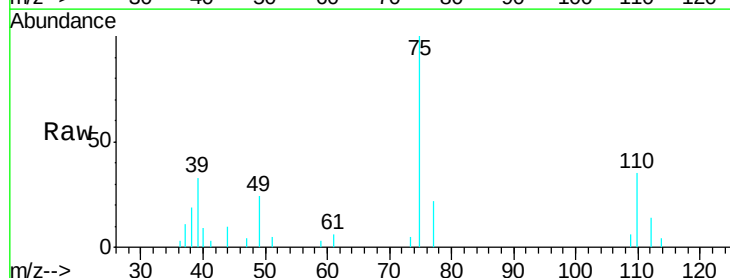
Acq: 09 Oct 2019 15:07

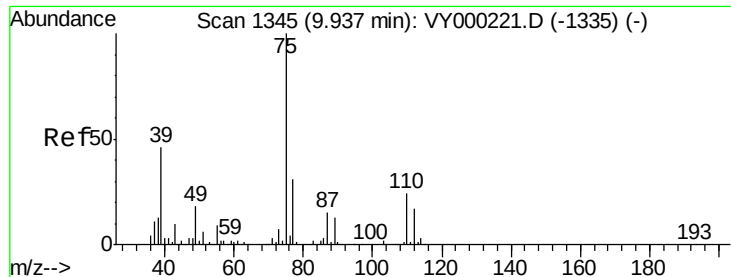
Tgt Ion: 75 Resp: 3144

Ion Ratio Lower Upper

75 100

77 21.9 25.3 37.9#





#54

cis-1,3-Dichloropropene

Concen: 0.463 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

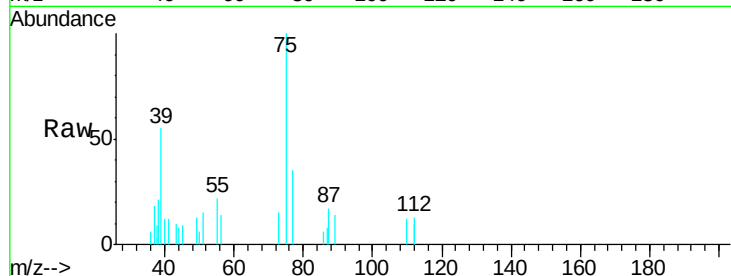
MSVOA_Y

ClientSampleId :

0.5PPBMDL

Tgt Ion: 75 Resp: 2781

Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.0	37.4
39	46.7	36.3	54.5

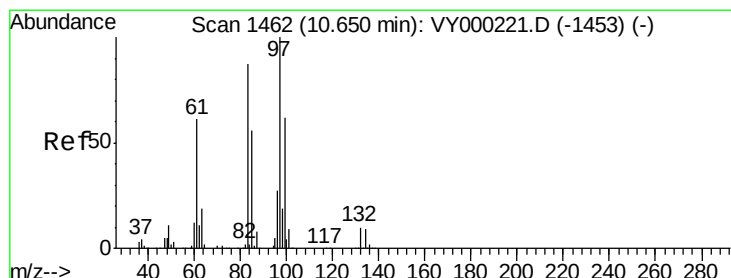
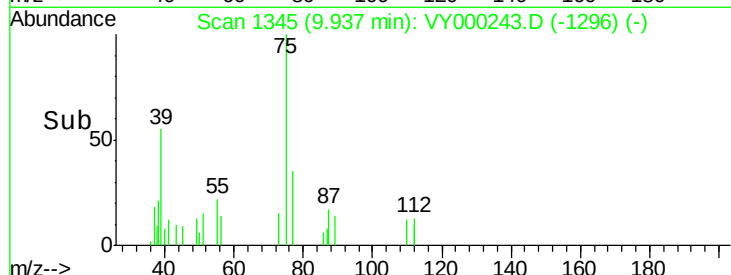
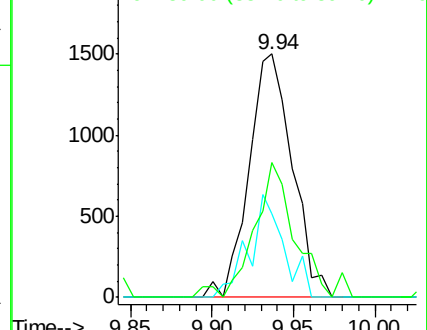


Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



#55

1,1,2-Trichloroethane

Concen: 0.475 ug/l

RT: 10.66 min Scan# 1463

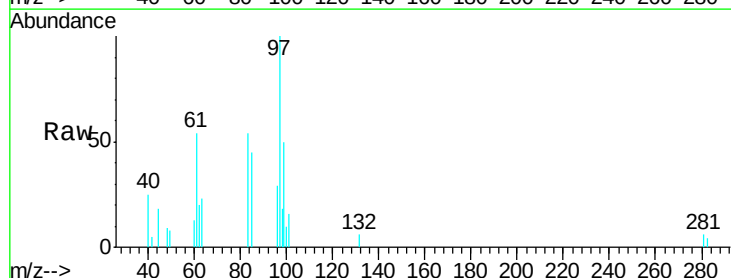
Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Tgt Ion: 97 Resp: 1712

Ion	Ratio	Lower	Upper
97	100		
83	53.9	69.4	104.0#
85	45.1	44.6	66.8
99	49.7	49.2	73.8



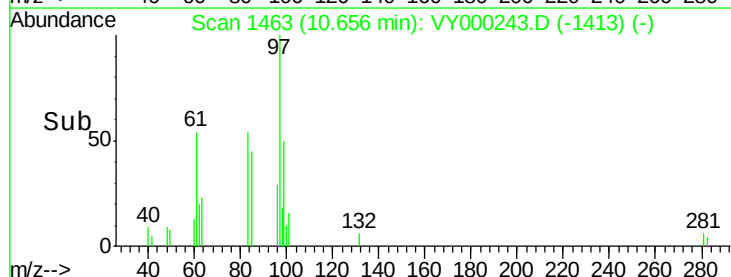
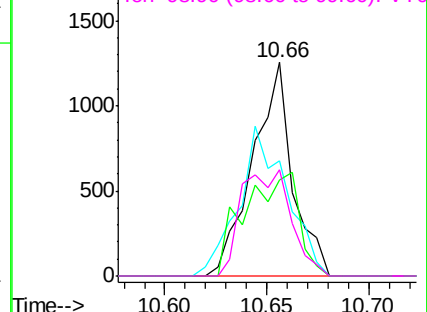
Abundance

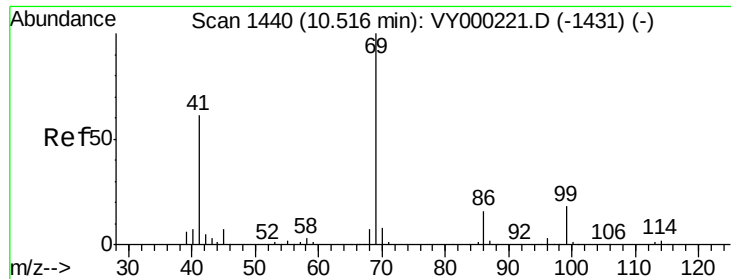
Ion 96.90 (96.60 to 97.60): VY0

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: 0.424 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

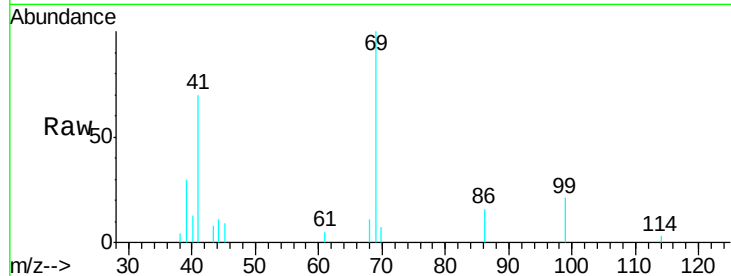
Tgt Ion: 69 Resp: 2689

Ion Ratio Lower Upper

69 100

41 70.7 51.2 76.8

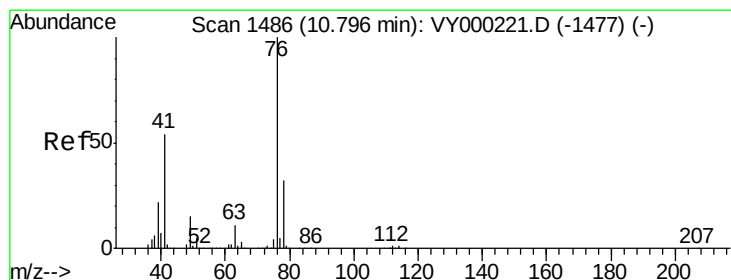
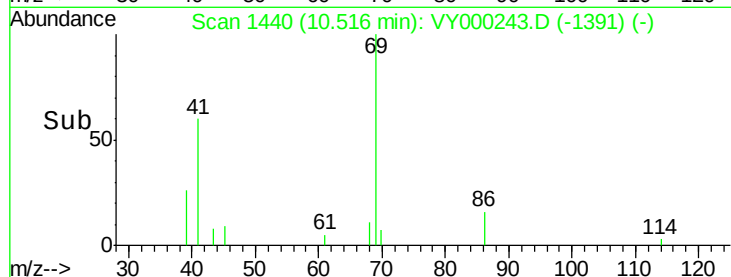
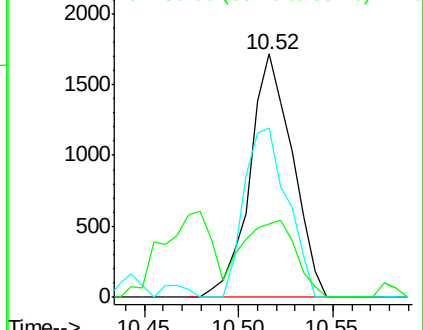
39 39.5 27.0 40.4



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: 0.468 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000243.D

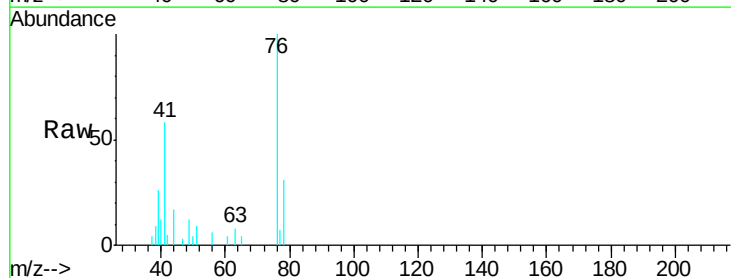
Acq: 09 Oct 2019 15:07

Tgt Ion: 76 Resp: 2879

Ion Ratio Lower Upper

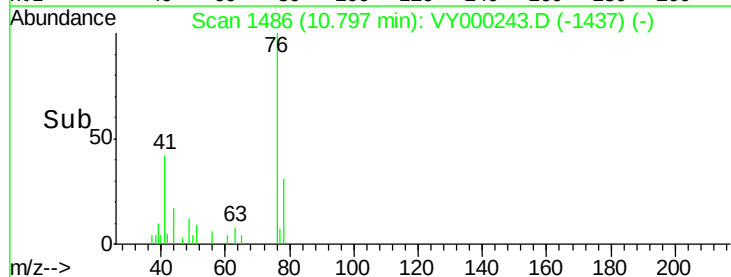
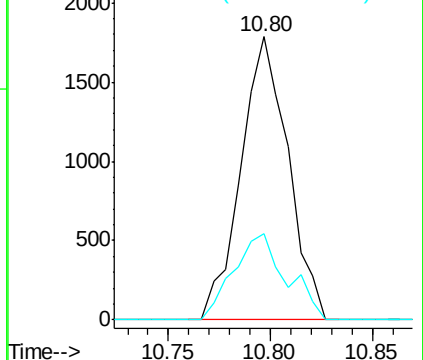
76 100

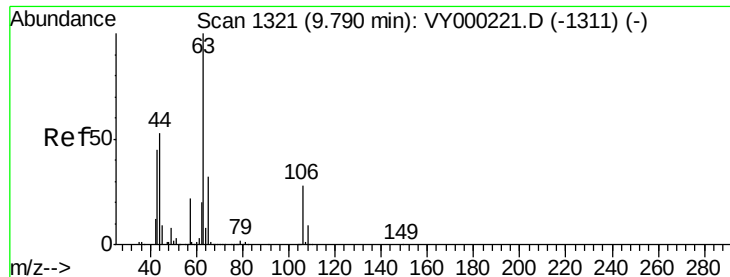
78 34.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

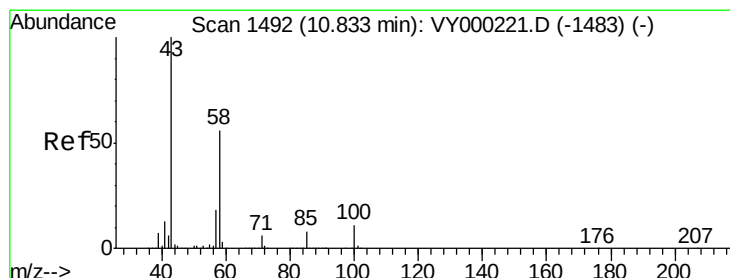
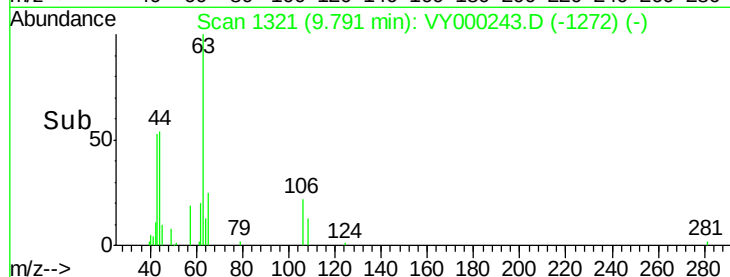
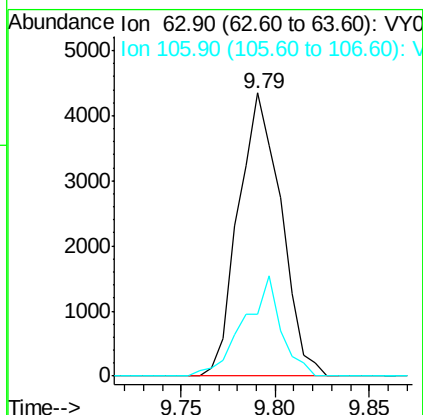
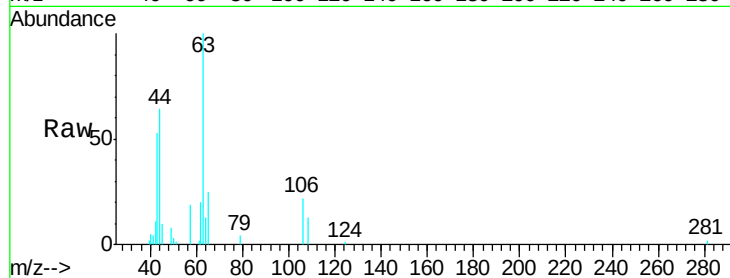




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.415 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

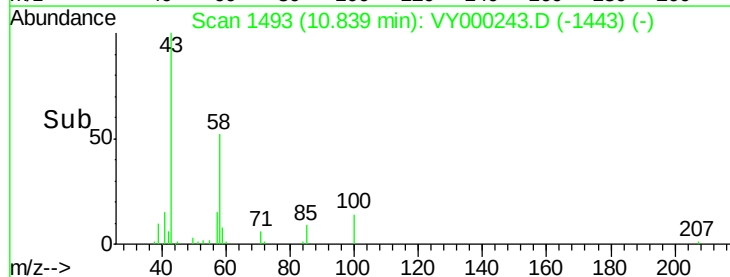
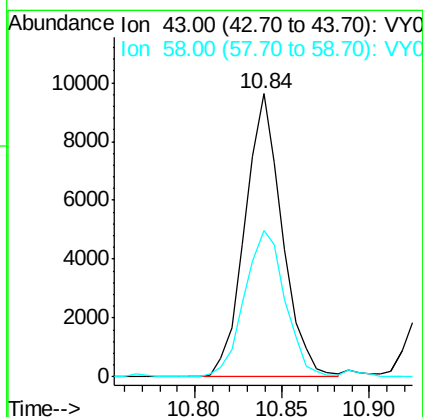
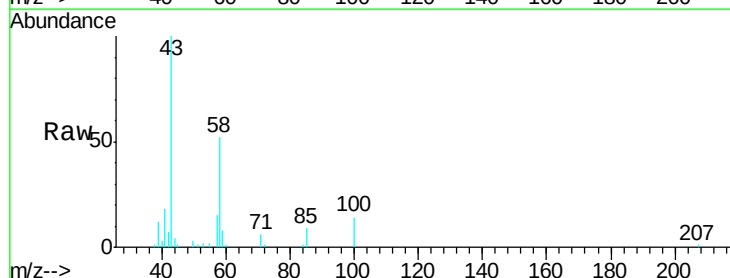
Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

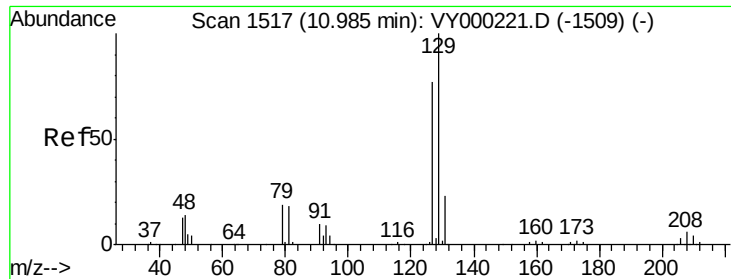
Tgt Ion: 63 Resp: 6834
 Ion Ratio Lower Upper
 63 100
 106 30.6 22.6 33.8



#59
 2-Hexanone
 Concen: Below Cal
 RT: 10.84 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion: 43 Resp: 14255
 Ion Ratio Lower Upper
 43 100
 58 56.4 28.2 84.6





#60

Dibromochloromethane

Concen: 0.390 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

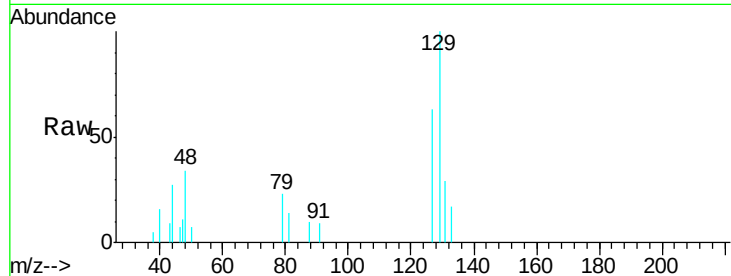
0.5PPBMDL

Tgt Ion:129 Resp: 1486

Ion Ratio Lower Upper

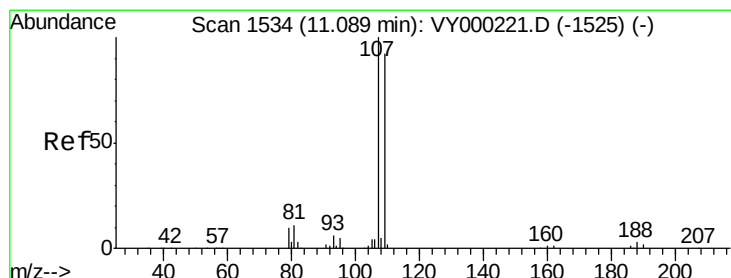
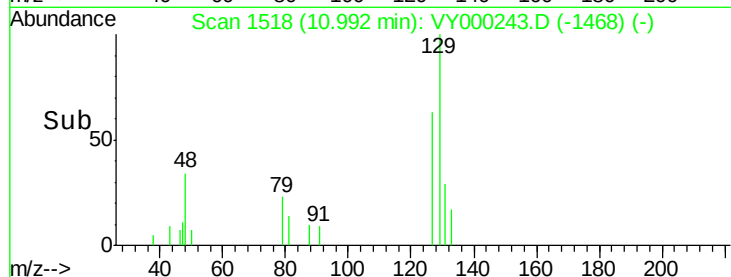
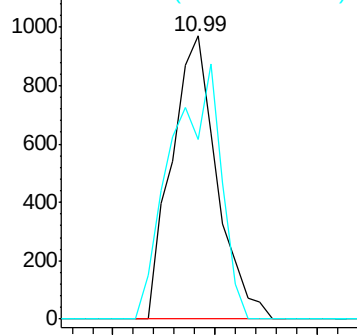
129 100

127 99.0 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.583 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000243.D

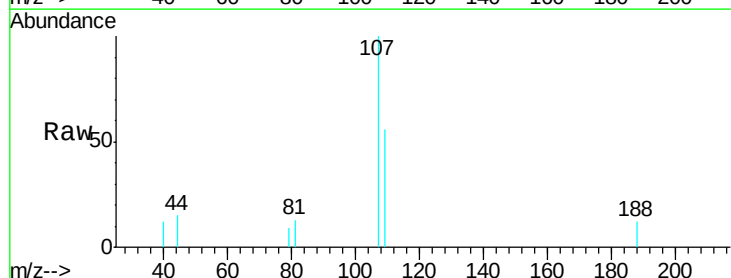
Acq: 09 Oct 2019 15:07

Tgt Ion:107 Resp: 2234

Ion Ratio Lower Upper

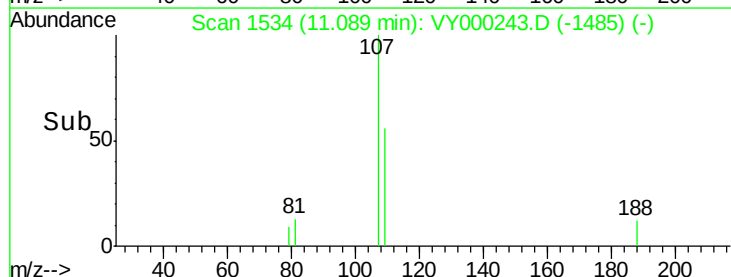
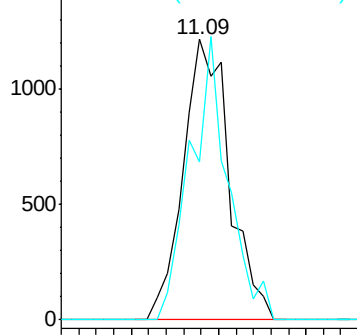
107 100

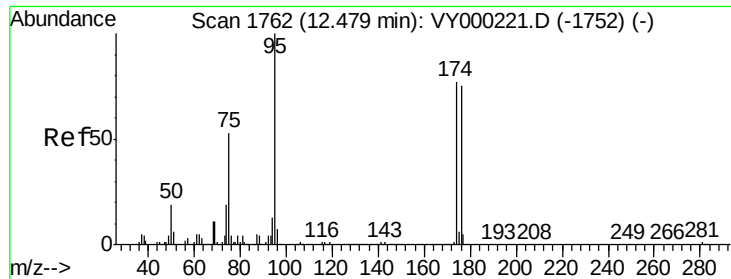
109 81.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.347 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

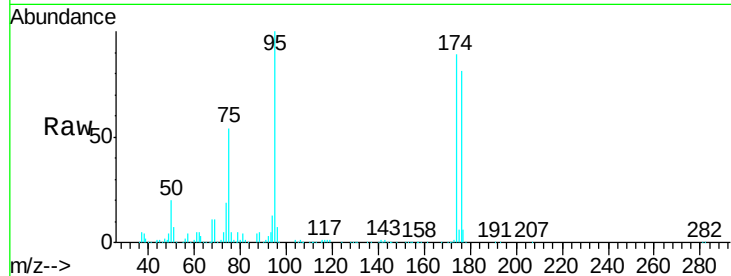
Tgt Ion: 95 Resp: 180968

Ion Ratio Lower Upper

95 100

174 84.1 0.0 157.0

176 79.9 0.0 153.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

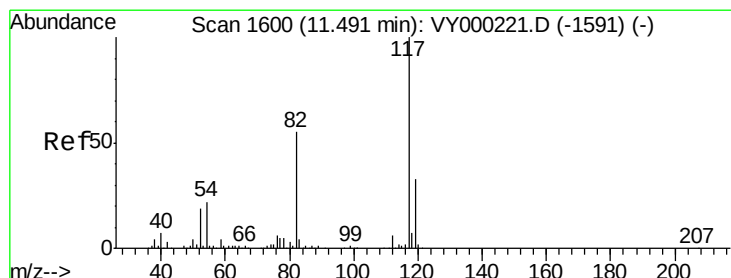
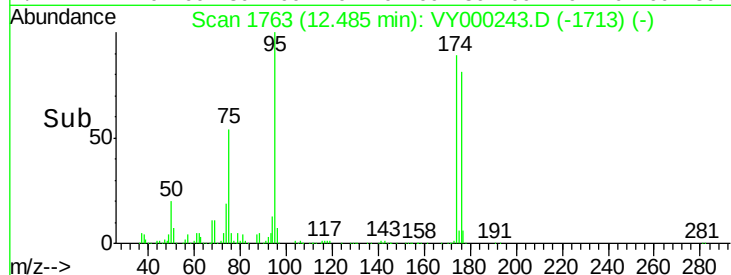
12.49

100000

50000

0

12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

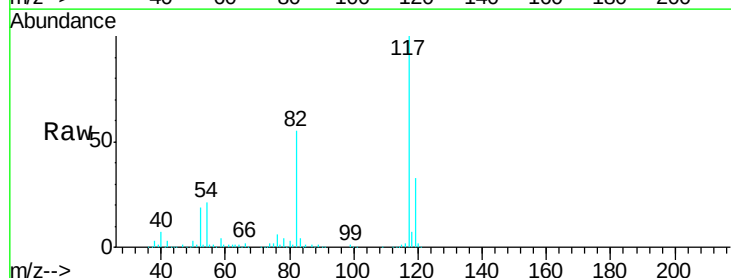
Tgt Ion: 117 Resp: 397783

Ion Ratio Lower Upper

117 100

82 55.0 44.4 66.6

119 33.0 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

11.49

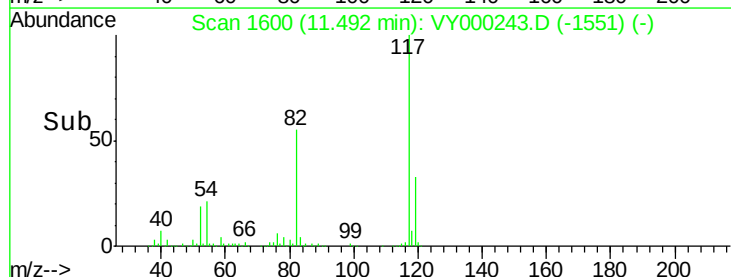
300000

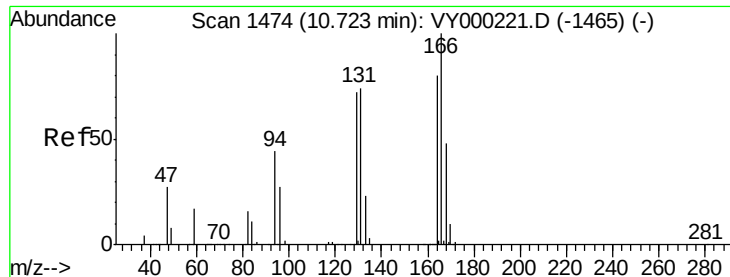
200000

100000

0

11.40 11.50 11.60

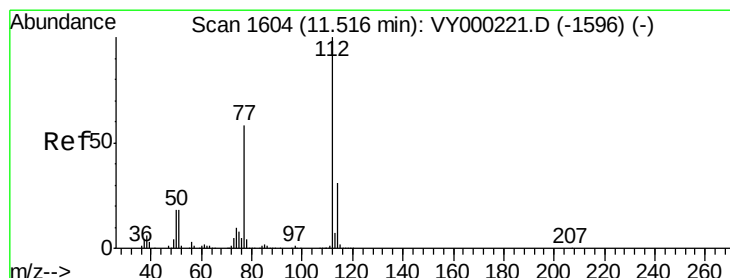
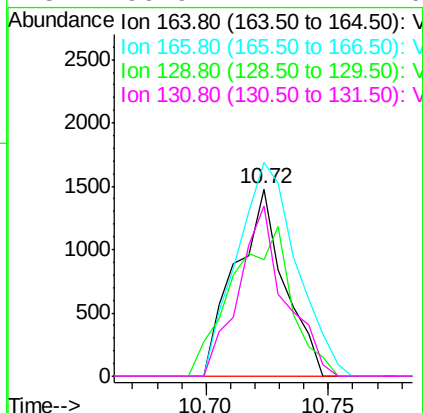
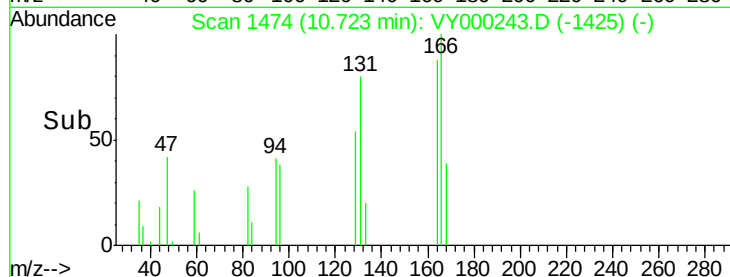
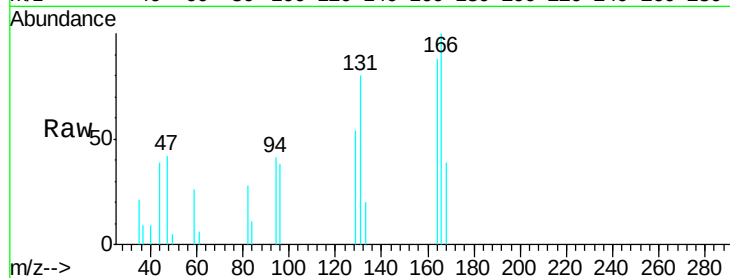




#64
Tetrachloroethene
Concen: 0.564 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

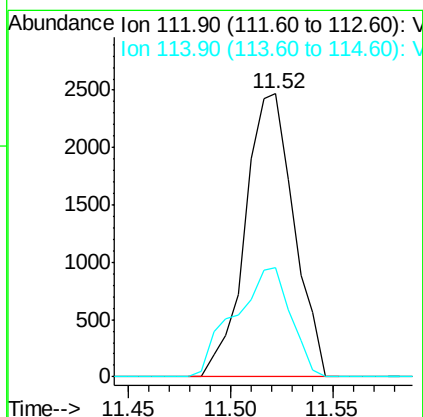
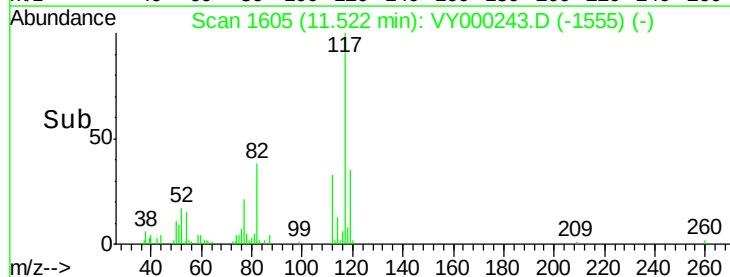
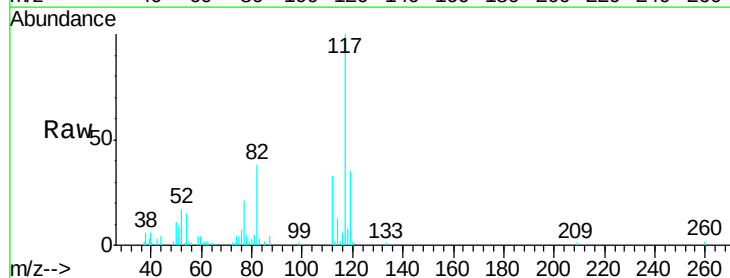
Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

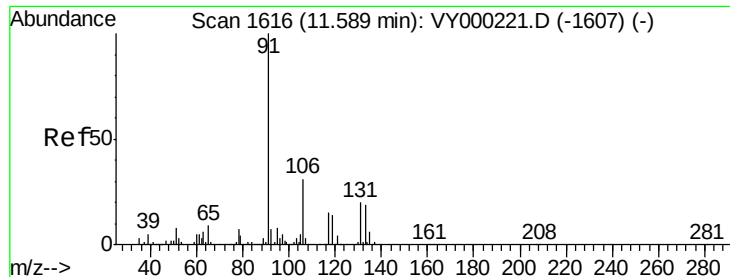
Tgt Ion:164 Resp: 2049
Ion Ratio Lower Upper
164 100
166 114.2 100.3 150.5
129 62.2 72.4 108.6#
131 90.9 74.4 111.6



#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion:112 Resp: 4110
Ion Ratio Lower Upper
112 100
114 38.5 25.0 37.4#

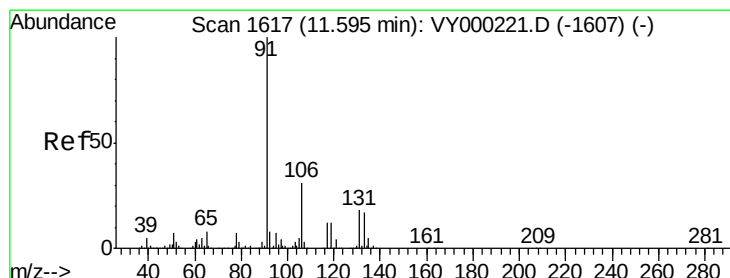
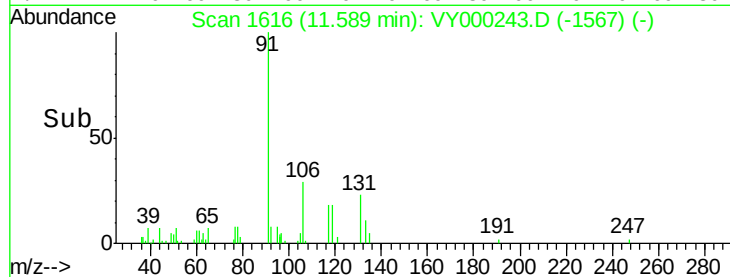
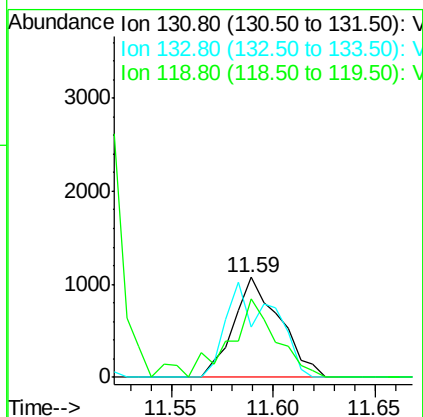
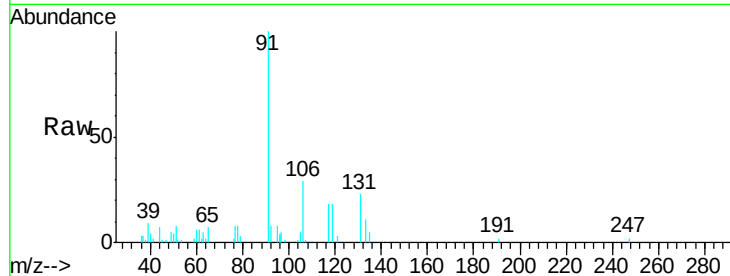




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.514 ug/l
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

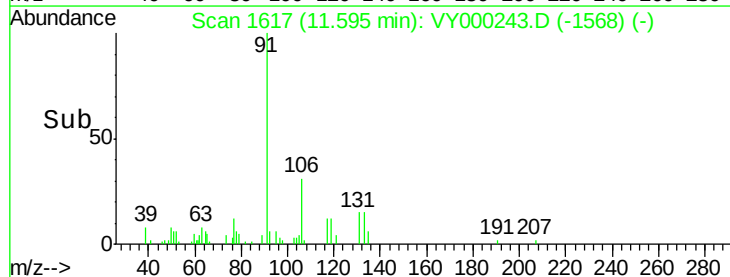
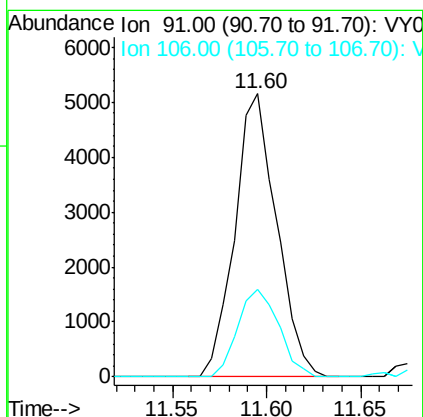
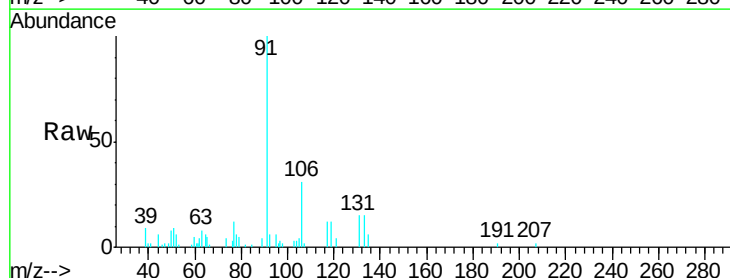
Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

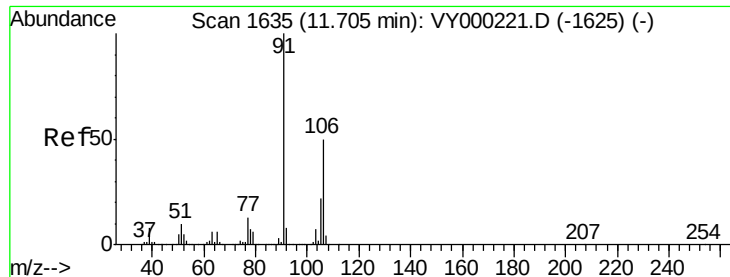
Tgt Ion: 131 Resp: 1695
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.0 141.2
 119 0.0 33.3 99.8#



#67
 Ethyl Benzene
 Concen: 0.481 ug/l
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion: 91 Resp: 7923
 Ion Ratio Lower Upper
 91 100
 106 31.1 25.2 37.8

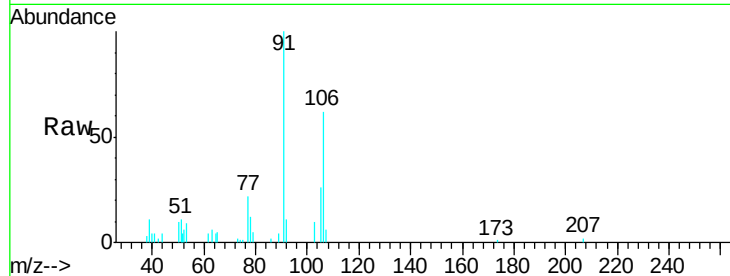




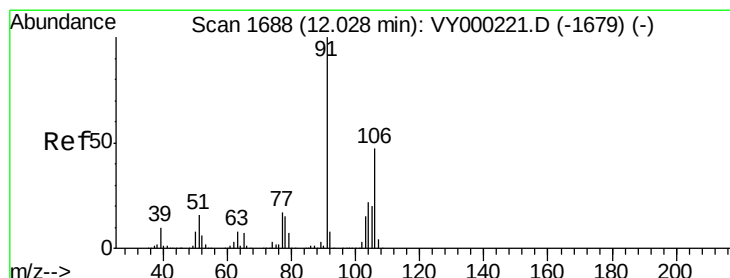
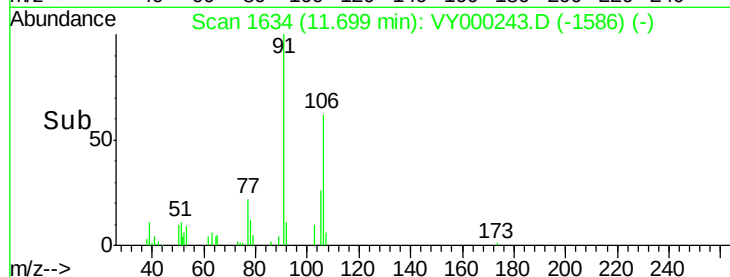
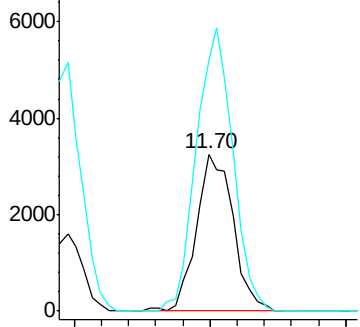
#68
m/p-Xylenes
Concen: 0.980 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Instrument :
MSVOA_Y
ClientSampled :
0.5PPBMDL

Tgt Ion:106 Resp: 6159
Ion Ratio Lower Upper
106 100
91 179.3 159.9 239.9

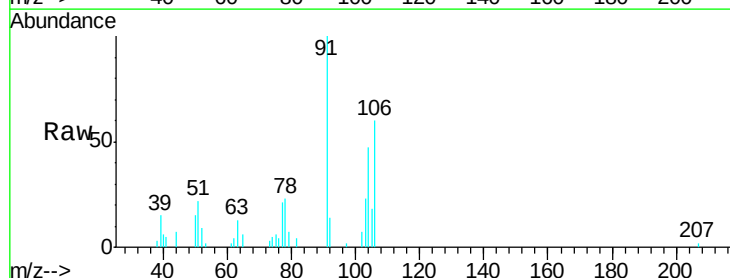


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

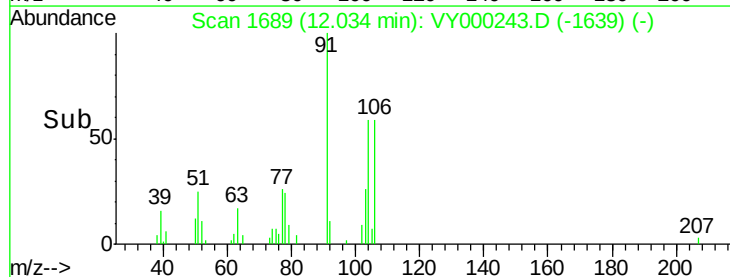
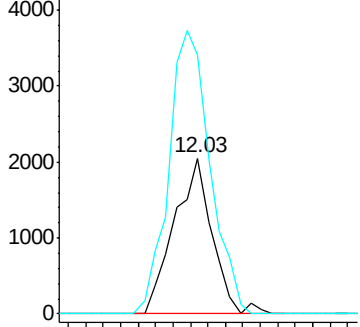


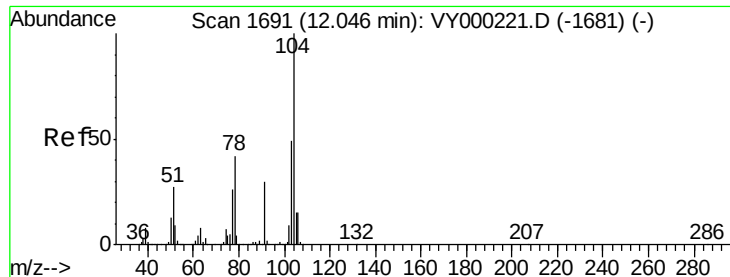
#69
o-Xylene
Concen: 0.509 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion:106 Resp: 3086
Ion Ratio Lower Upper
106 100
91 198.3 106.1 318.1



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

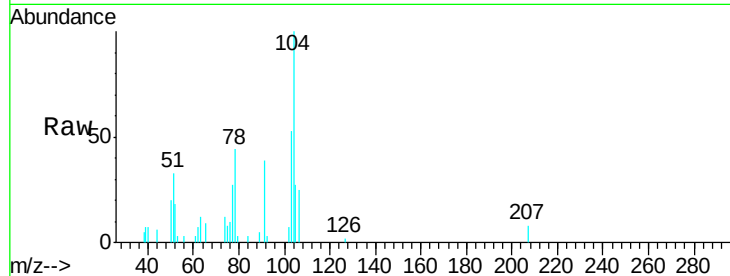




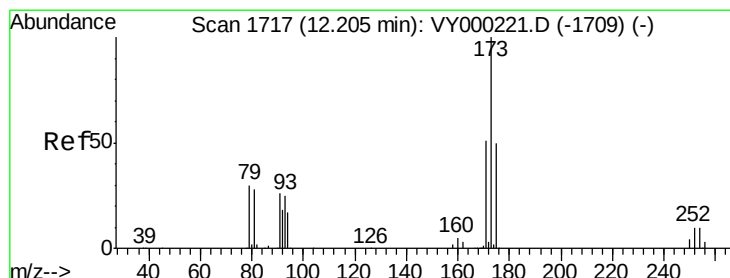
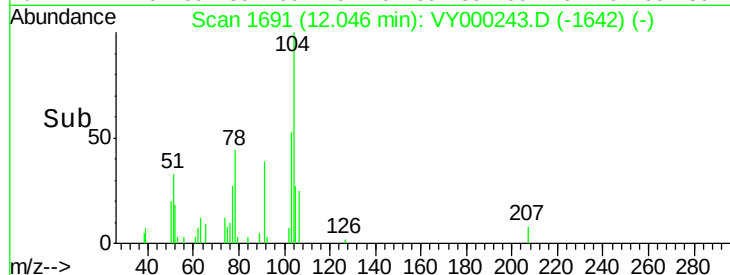
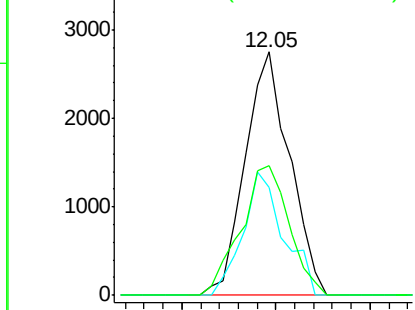
#70
Styrene
Concen: 0.432 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Instrument :
MSVOA_Y
ClientSampled :
0.5PPBMDL

Tgt Ion:104 Resp: 4503
Ion Ratio Lower Upper
104 100
78 46.4 39.0 58.4
103 57.7 43.1 64.7

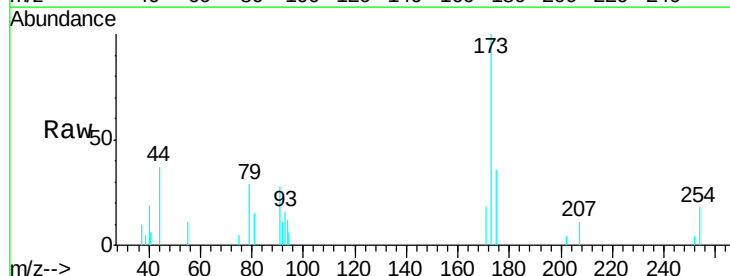


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

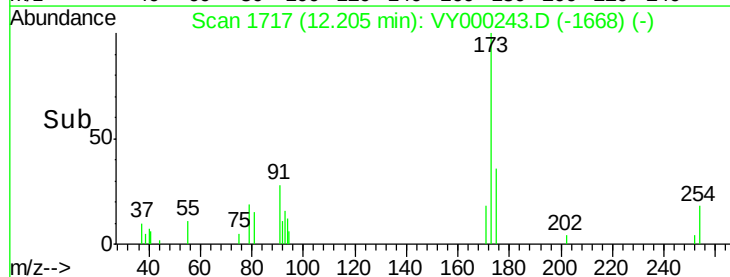
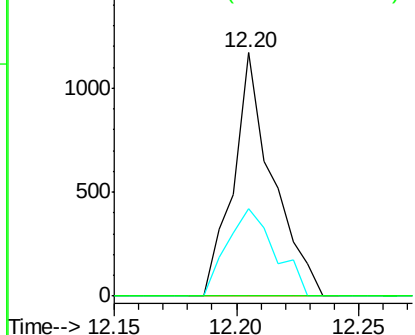


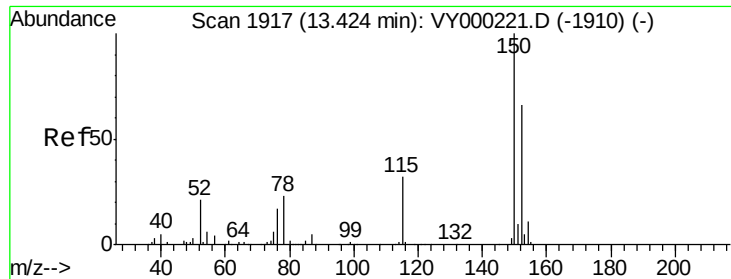
#71
Bromoform
Concen: 0.480 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion:173 Resp: 1304
Ion Ratio Lower Upper
173 100
175 43.9 24.8 74.3
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

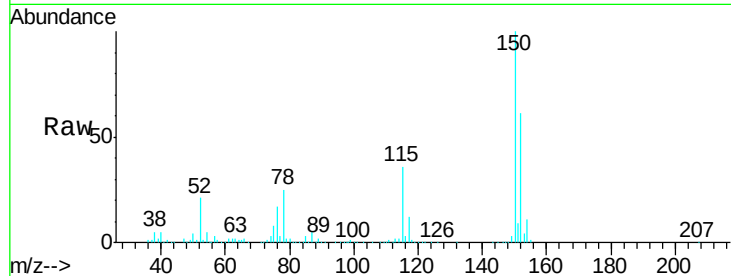
Tgt Ion:152 Resp: 187164

Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

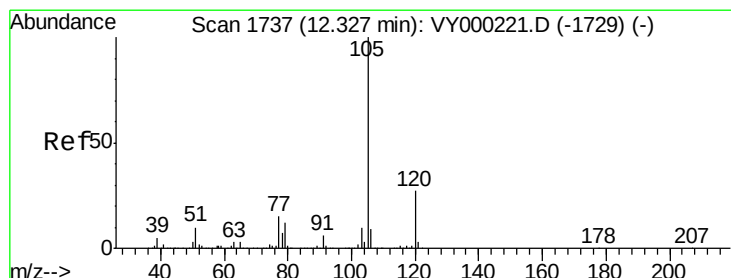
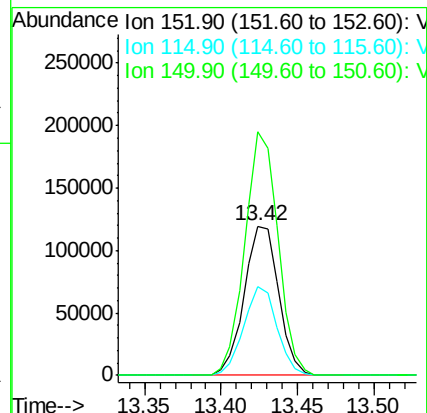
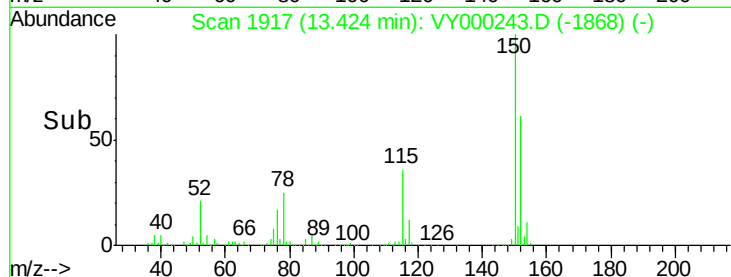
150 157.2 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.467 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000243.D

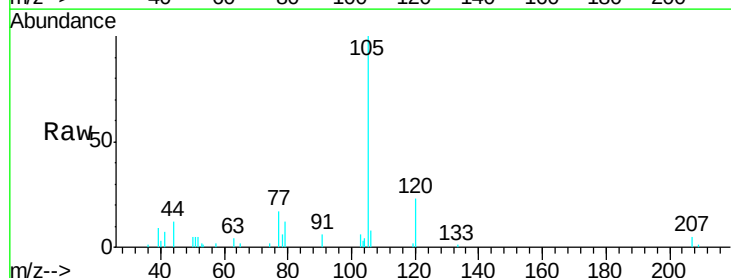
Acq: 09 Oct 2019 15:07

Tgt Ion:105 Resp: 7401

Ion Ratio Lower Upper

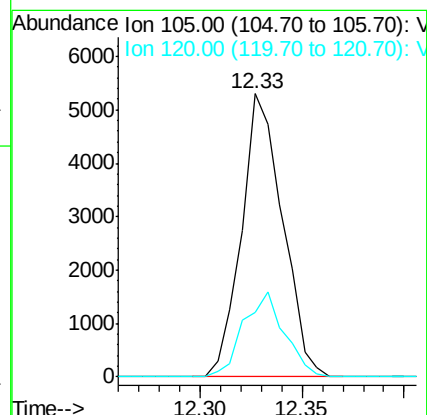
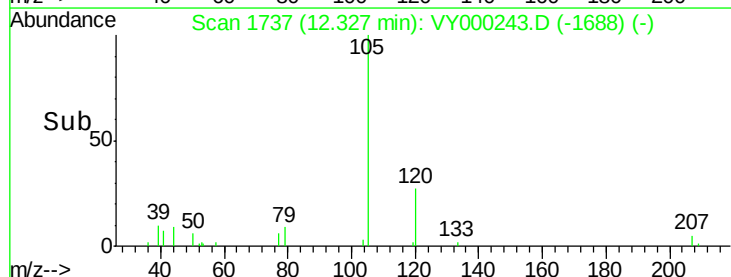
105 100

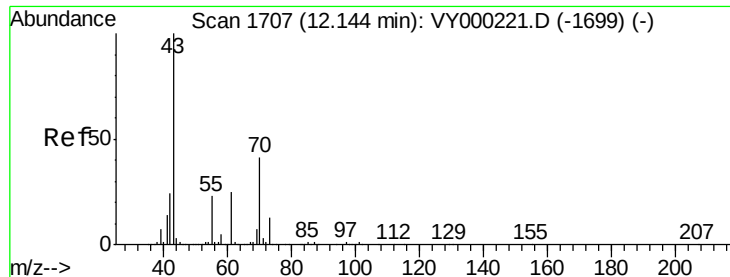
120 29.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.462 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

Tgt Ion: 43 Resp: 2819

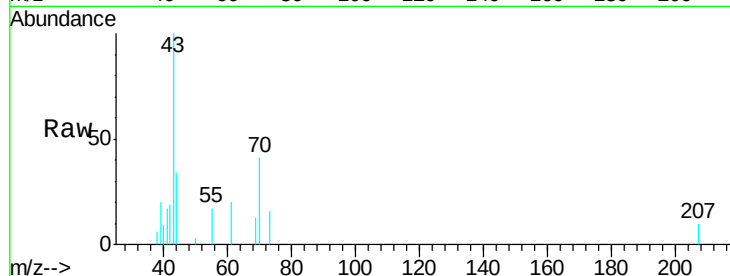
Ion Ratio Lower Upper

43 100

70 42.1 34.9 52.3

55 25.3 18.2 27.2

61 20.9 20.1 30.1

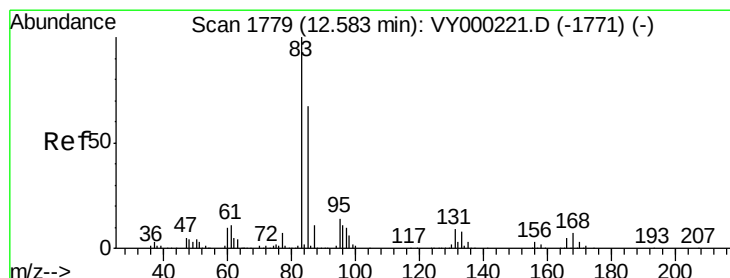
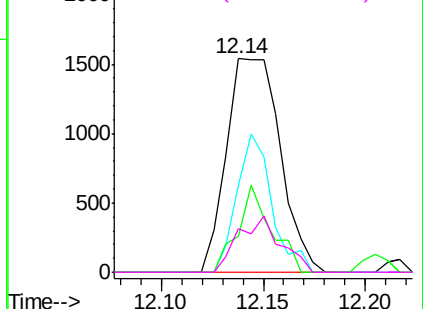
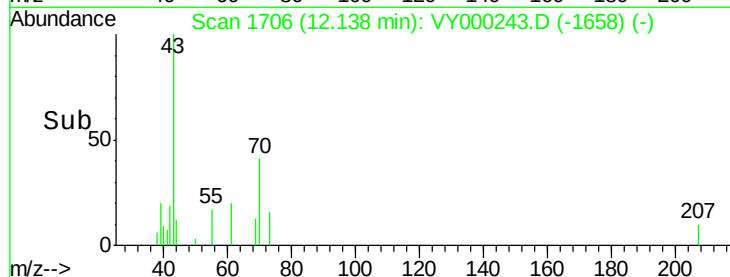


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 0.430 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

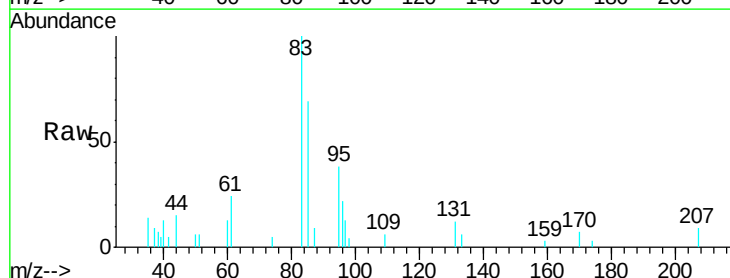
Tgt Ion: 83 Resp: 2326

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

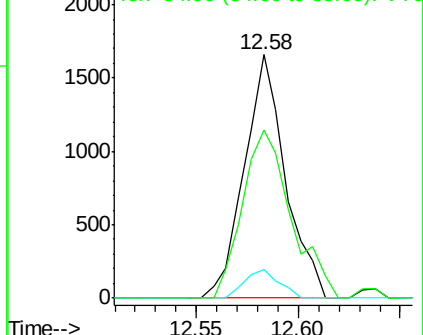
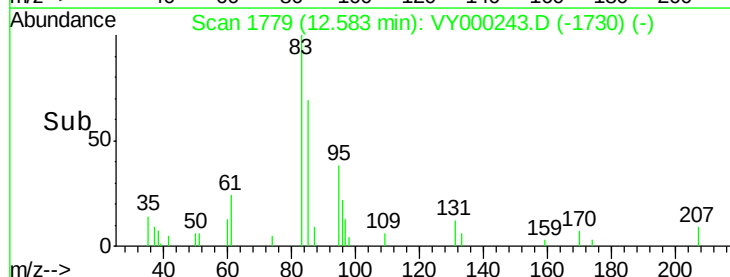
85 81.7 32.5 97.5

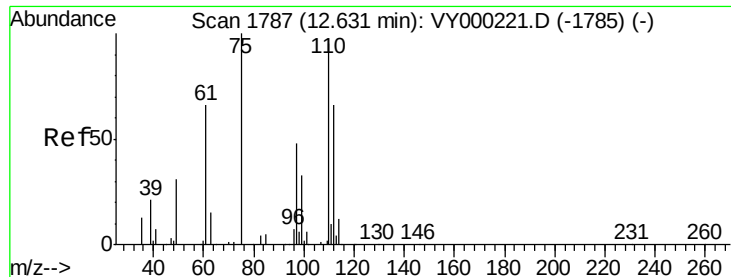


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 0.803 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

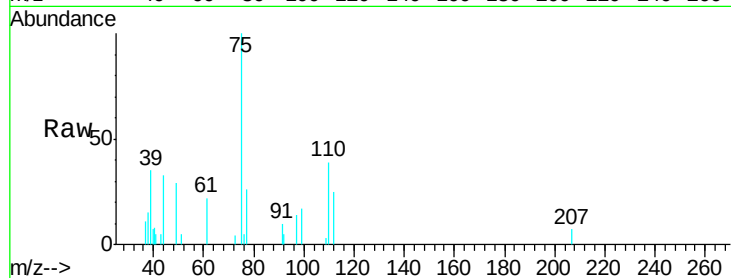
0.5PPBMDL

Tgt Ion: 75 Resp: 3969

Ion Ratio Lower Upper

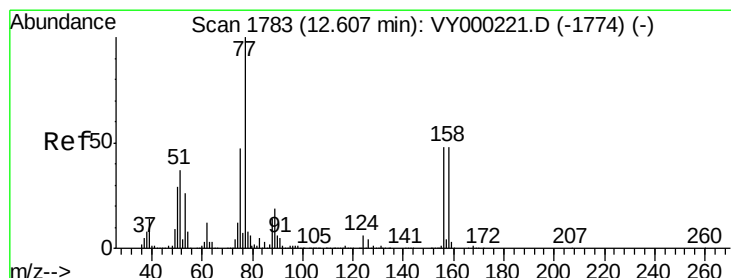
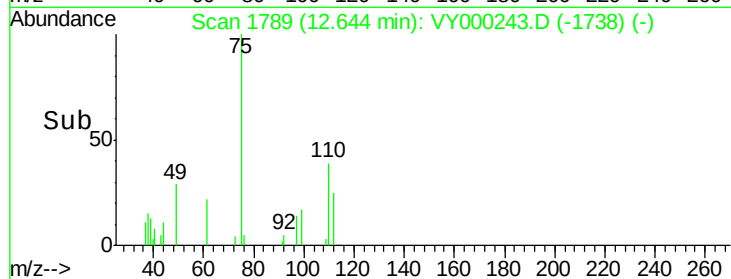
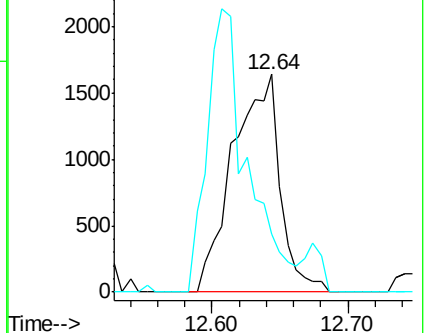
75 100

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: 0.498 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

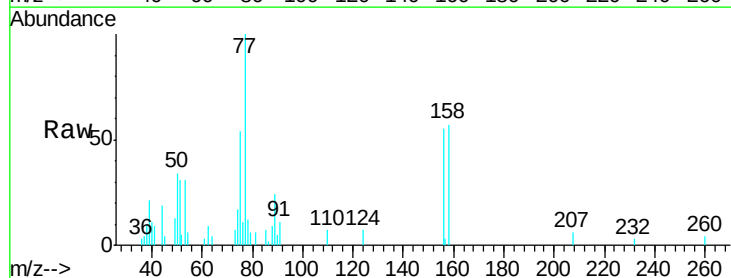
Tgt Ion: 156 Resp: 1851

Ion Ratio Lower Upper

156 100

77 236.6 118.1 354.3

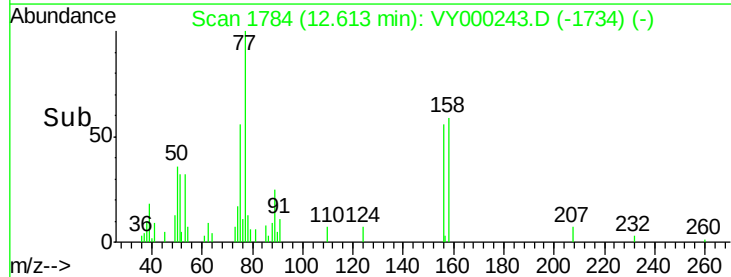
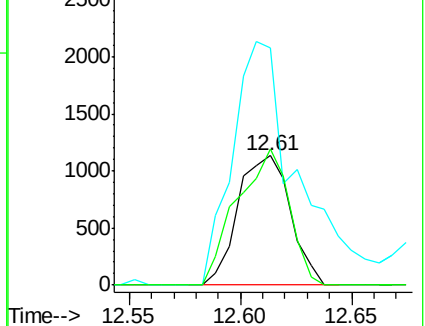
158 104.6 47.8 143.3

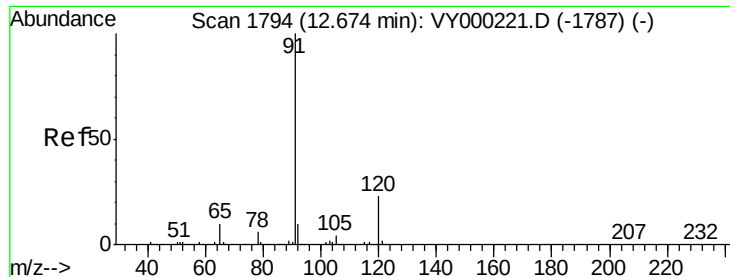


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

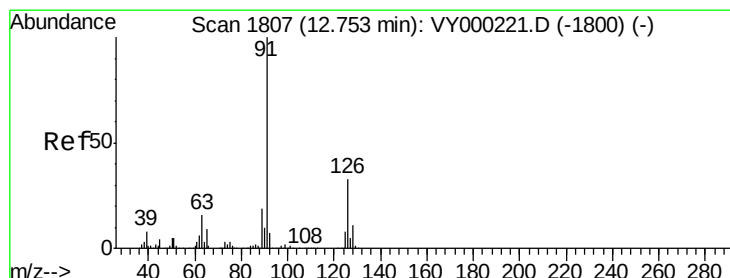
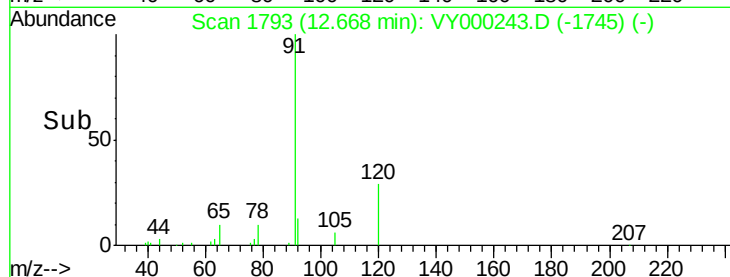
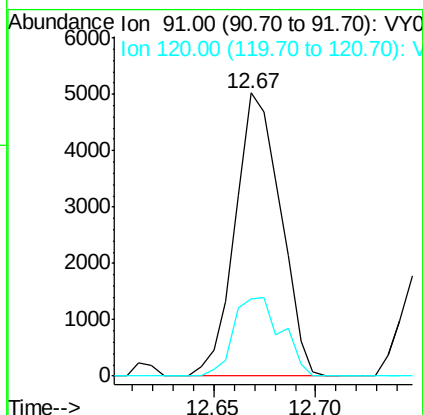
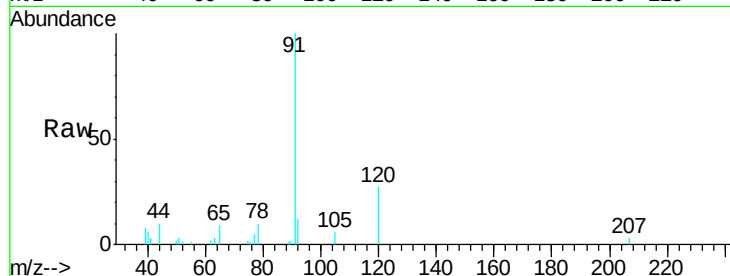




#78
n-propylbenzene
Concen: 0.418 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

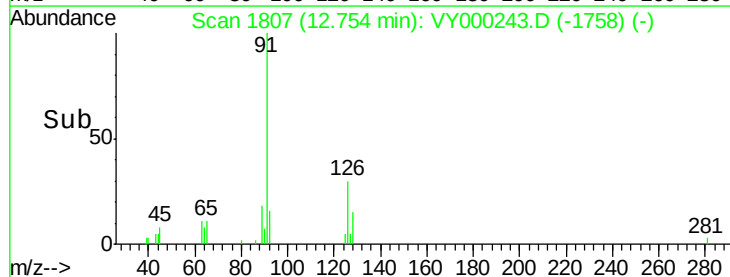
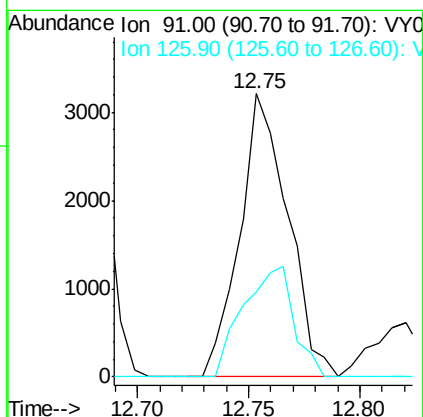
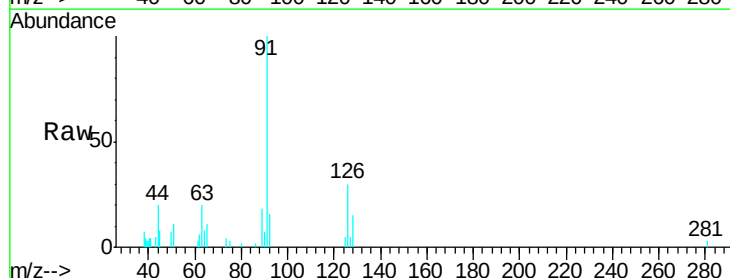
Instrument :
MSVOA_Y
ClientSampleId :
0.5PPBMDL

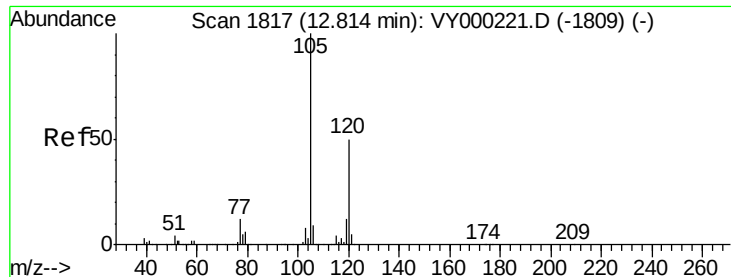
Tgt Ion: 91 Resp: 7751
Ion Ratio Lower Upper
91 100
120 29.2 11.3 33.8



#79
2-Chlorotoluene
Concen: 0.452 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000243.D
Acq: 09 Oct 2019 15:07

Tgt Ion: 91 Resp: 4820
Ion Ratio Lower Upper
91 100
126 41.1 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 0.444 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

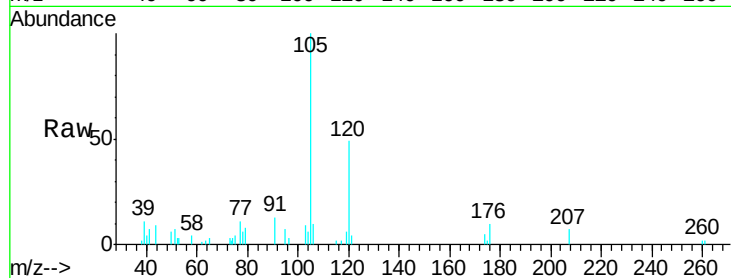
0.5PPBMDL

Tgt Ion:105 Resp: 5879

Ion Ratio Lower Upper

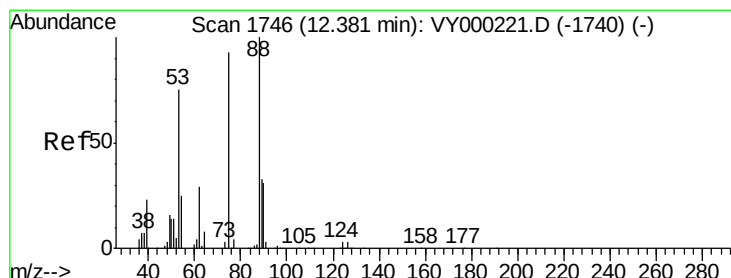
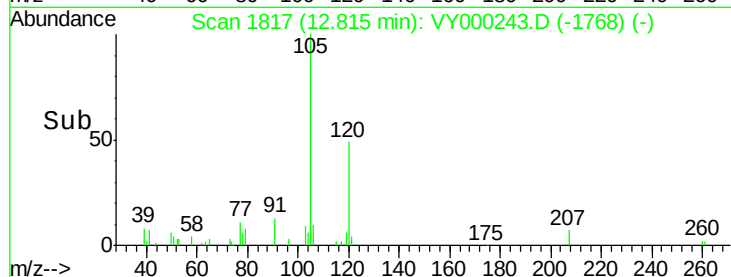
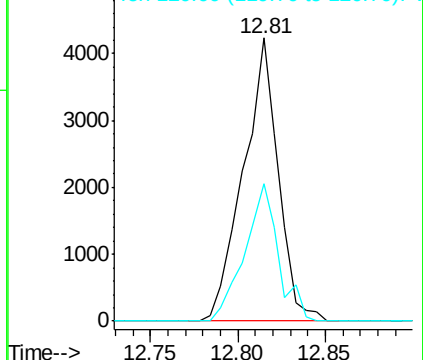
105 100

120 46.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 38.258 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

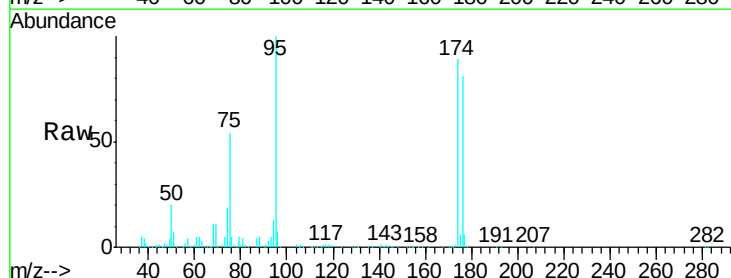
Tgt Ion: 75 Resp: 96907

Ion Ratio Lower Upper

75 100

53 0.0 66.5 99.7#

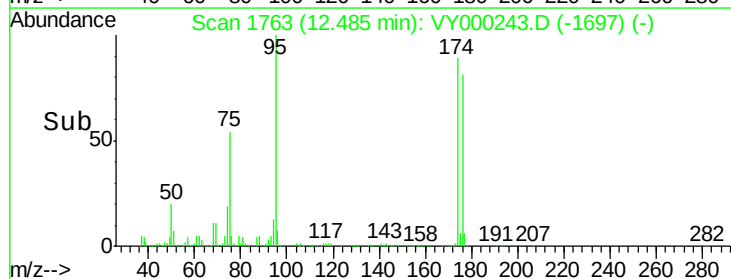
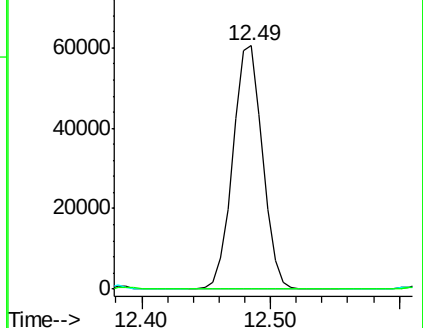
89 0.0 46.9 70.3#

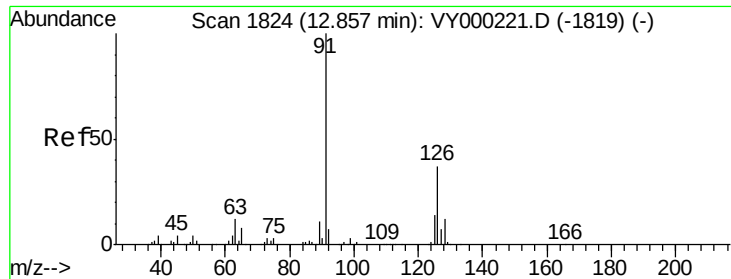


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 0.454 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

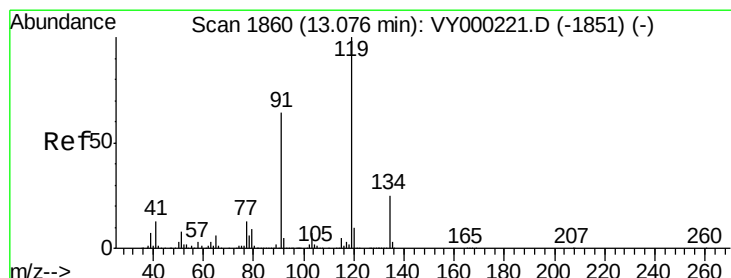
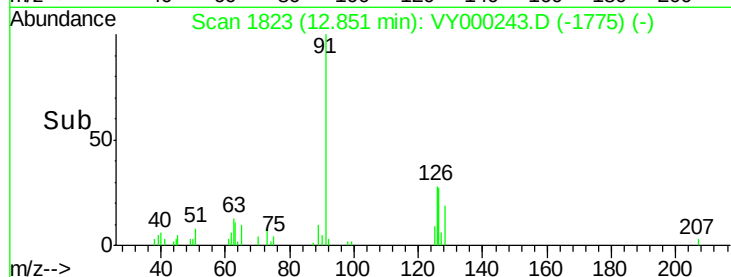
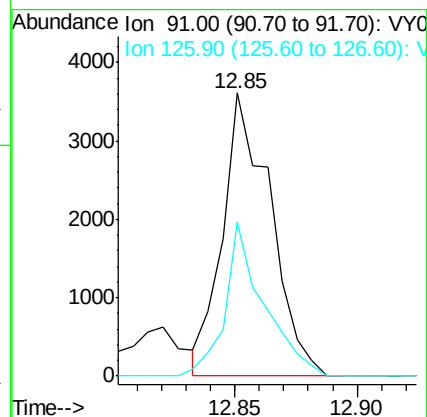
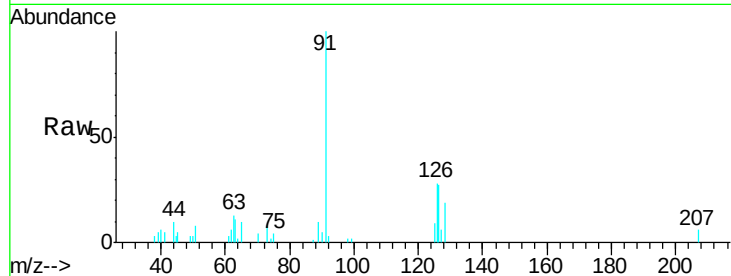
0.5PPBMDL

Tgt Ion: 91 Resp: 4909

Ion Ratio Lower Upper

91 100

126 44.2 17.3 52.0



#83

tert-Butylbenzene

Concen: 0.429 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

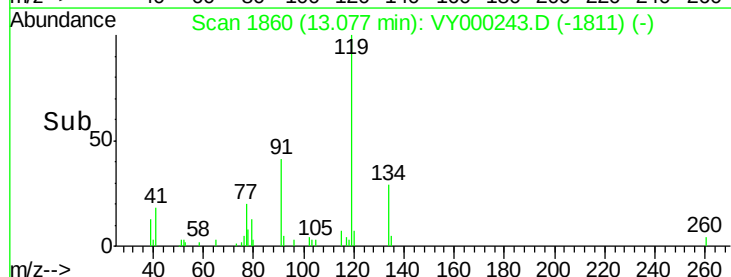
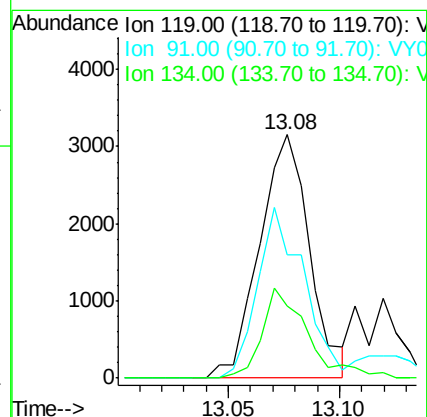
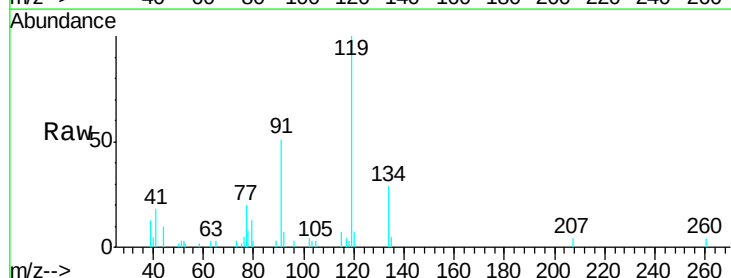
Tgt Ion: 119 Resp: 4935

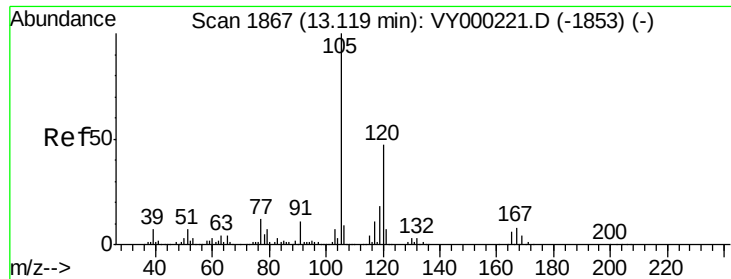
Ion Ratio Lower Upper

119 100

91 64.6 32.4 97.2

134 33.7 13.2 39.6

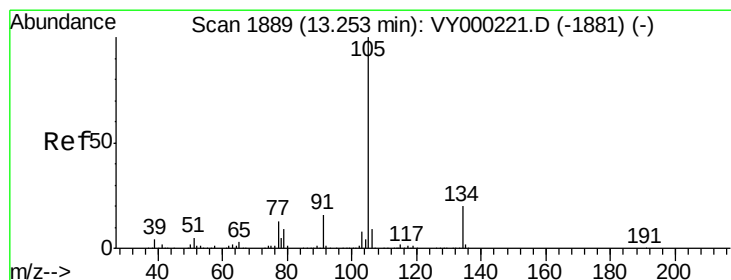
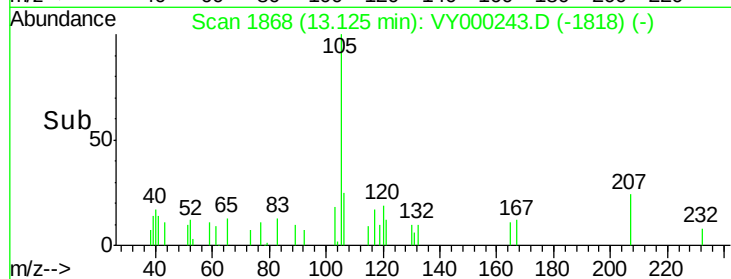
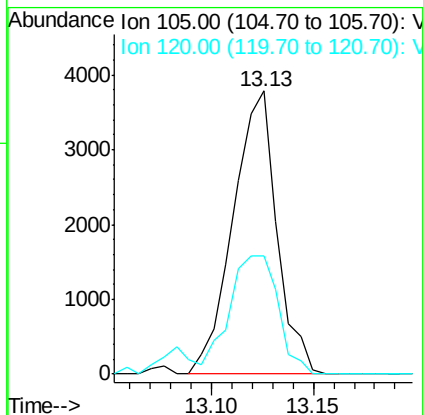
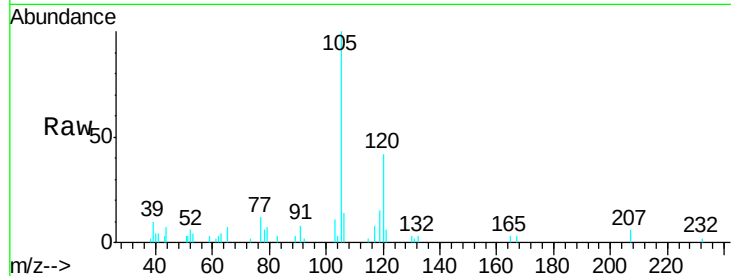




#84
 1,2,4-Trimethylbenzene
 Concen: 0.428 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

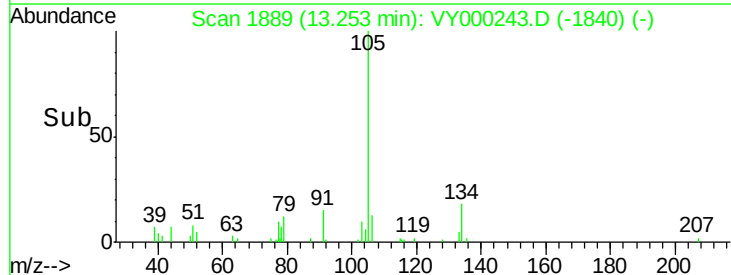
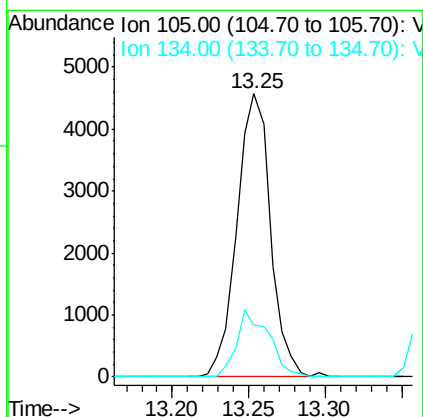
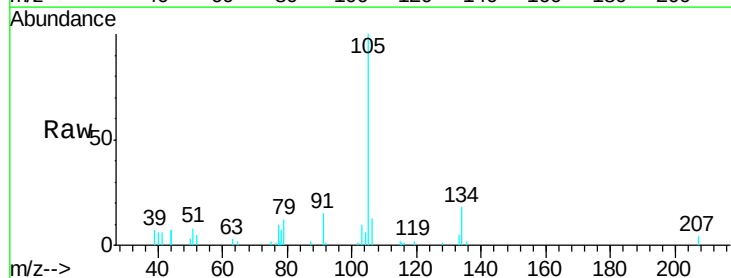
Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

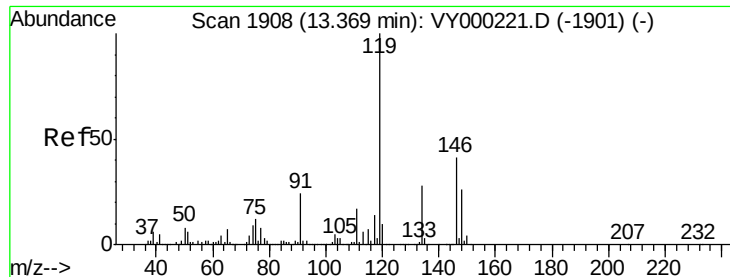
Tgt Ion:105 Resp: 5654
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 0.438 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion:105 Resp: 6945
 Ion Ratio Lower Upper
 105 100
 134 23.0 10.2 30.6

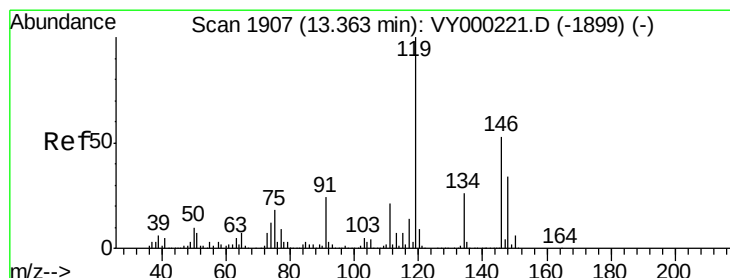
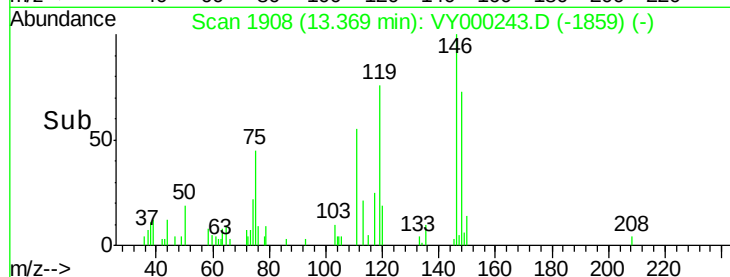
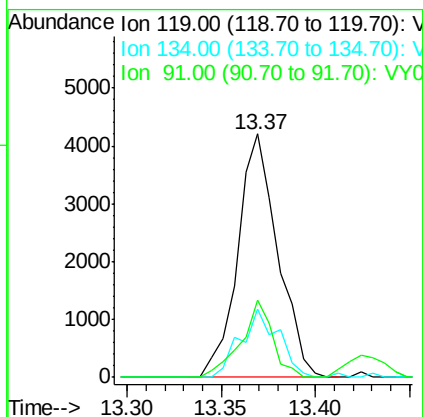
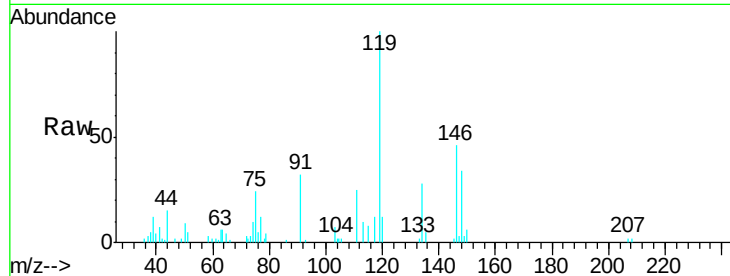




#86
 p-Isopropyltoluene
 Concen: 0.443 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

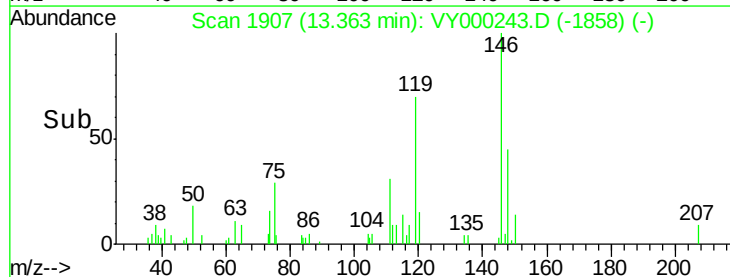
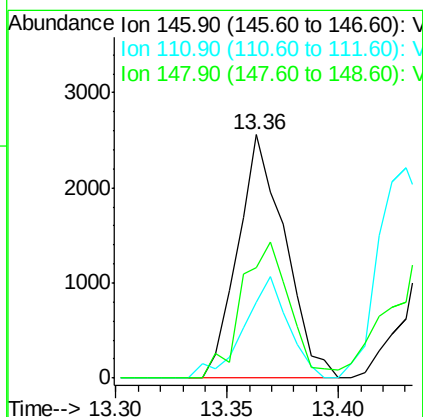
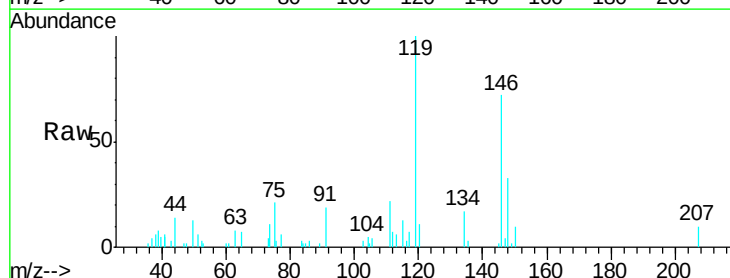
Instrument :
 MSVOA_Y
 ClientSampled :
 0.5PPBMDL

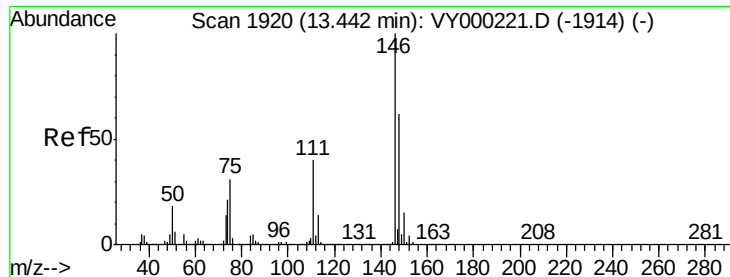
Tgt Ion:119 Resp: 6178
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 25.0 11.7 35.1



#87
 1,3-Dichlorobenzene
 Concen: 0.557 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion:146 Resp: 3757
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.8
 148 58.1 31.7 95.1

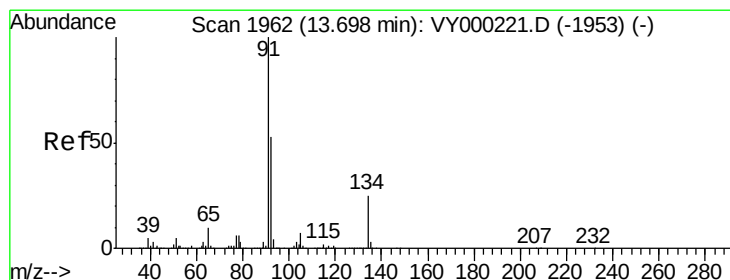
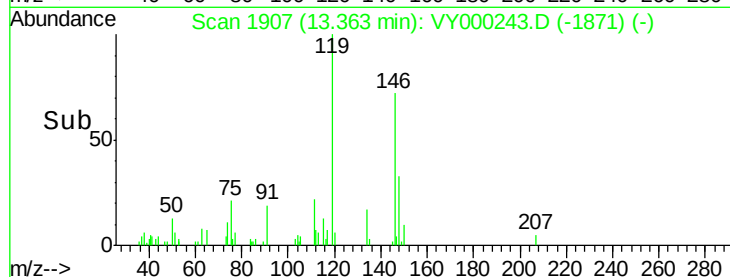
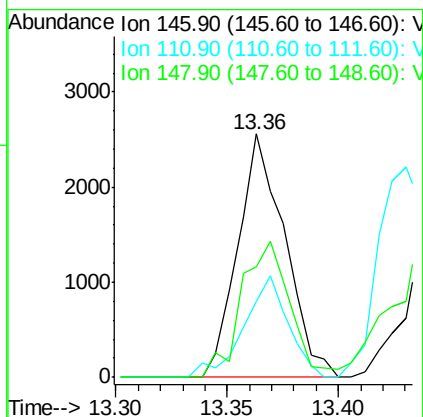
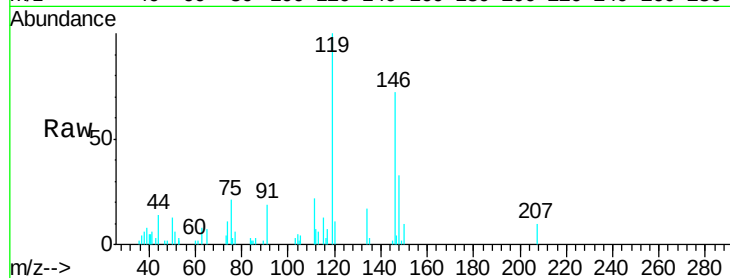




#88
 1,4-Dichlorobenzene
 Concen: 0.535 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.08 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

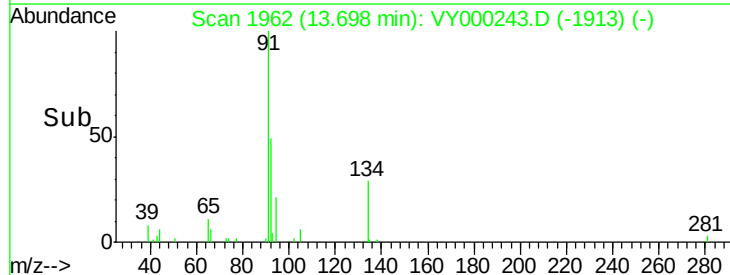
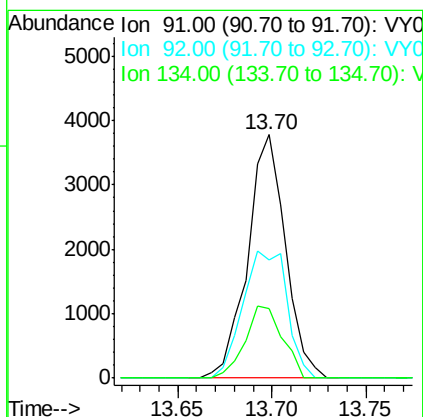
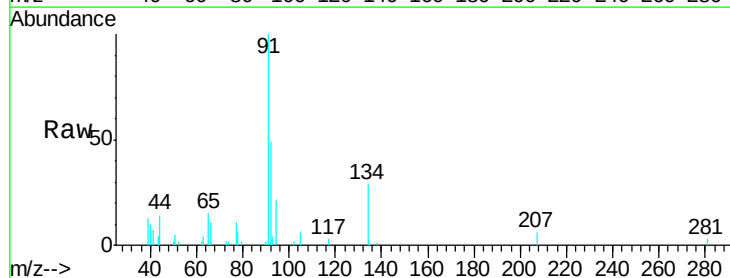
Instrument :
 MSVOA_Y
 ClientSampled :
 0.5PPBMDL

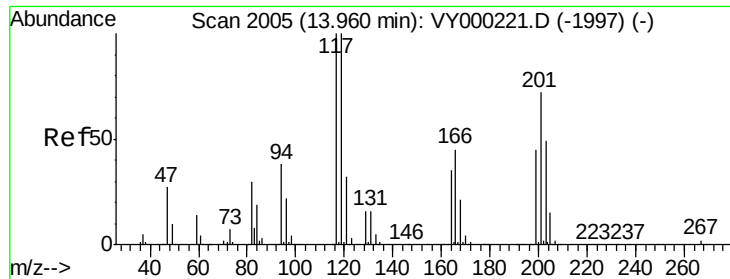
Tgt Ion: 146 Resp: 3757
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 58.1 31.6 94.8



#89
 n-Butylbenzene
 Concen: 0.400 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Tgt Ion: 91 Resp: 5251
 Ion Ratio Lower Upper
 91 100
 92 61.2 27.0 80.8
 134 29.3 12.8 38.4





#90

Hexachloroethane

Concen: 0.365 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

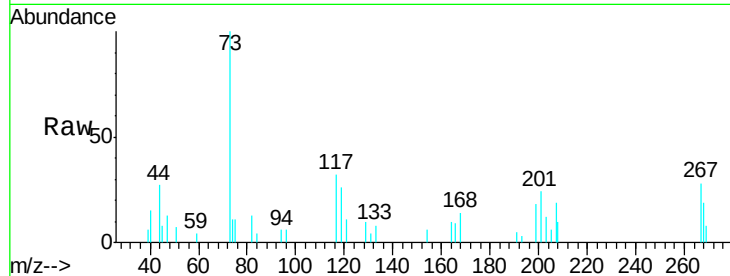
0.5PPBMDL

Tgt Ion:117 Resp: 963

Ion Ratio Lower Upper

117 100

201 106.5 35.5 106.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.97

600

400

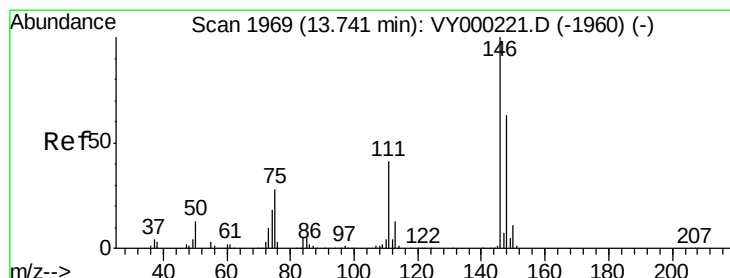
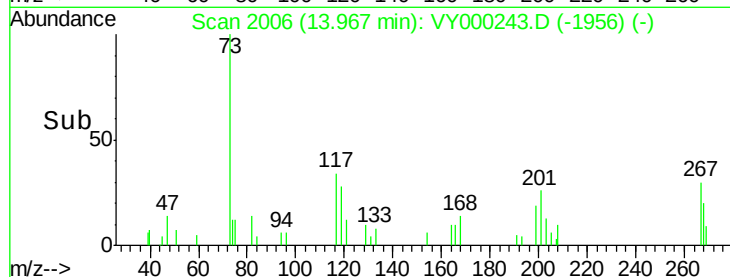
200

0

Time--> 13.90

13.95

14.00



#91

1,2-Dichlorobenzene

Concen: 0.443 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

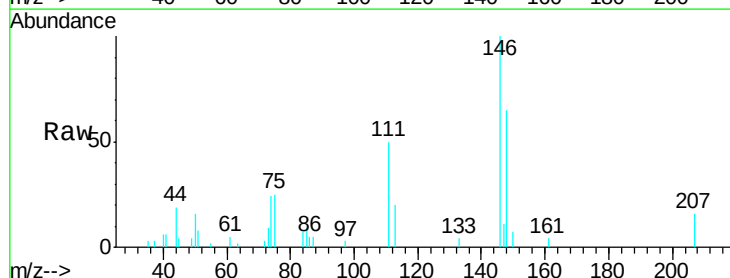
Tgt Ion:146 Resp: 3023

Ion Ratio Lower Upper

146 100

111 49.1 20.9 62.8

148 75.0 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

13.74

3000

2500

2000

1500

1000

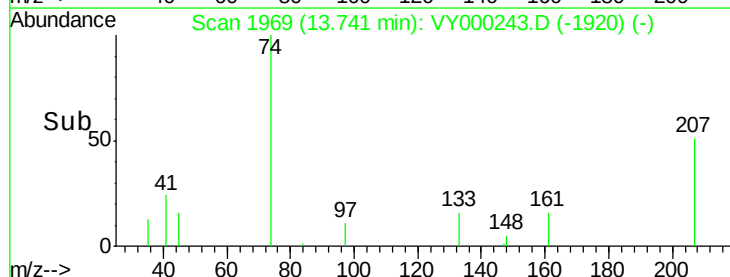
500

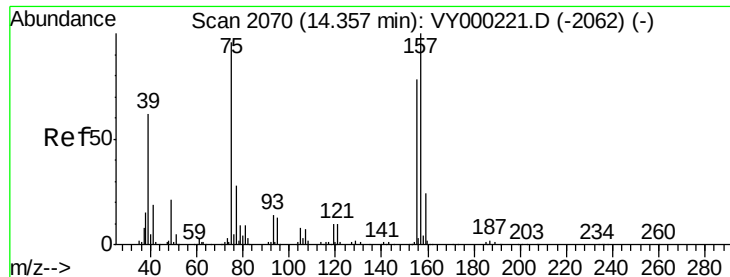
0

Time--> 13.70

13.75

13.80





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.443 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampleId :

0.5PPBMDL

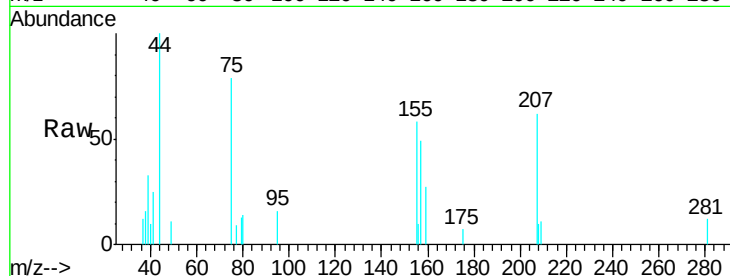
Tgt Ion: 75 Resp: 961

Ion Ratio Lower Upper

75 100

155 74.4 42.4 127.3

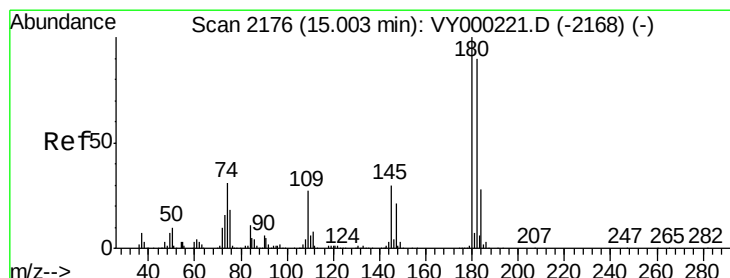
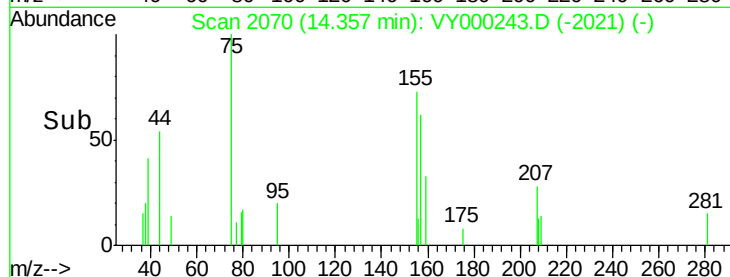
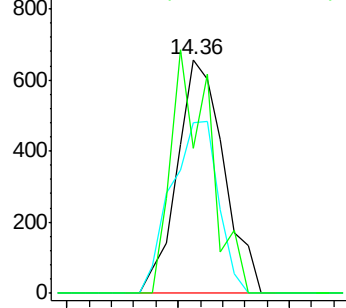
157 86.5 53.8 161.5



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: 0.454 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

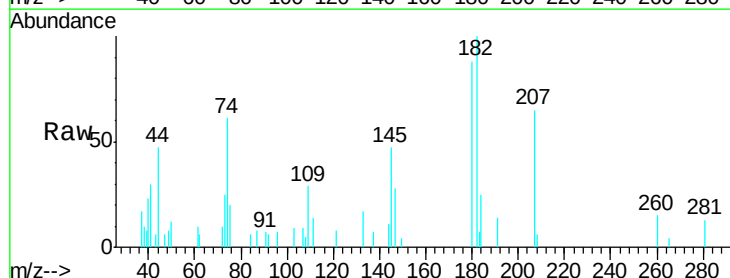
Tgt Ion: 180 Resp: 2103

Ion Ratio Lower Upper

180 100

182 103.7 47.2 141.6

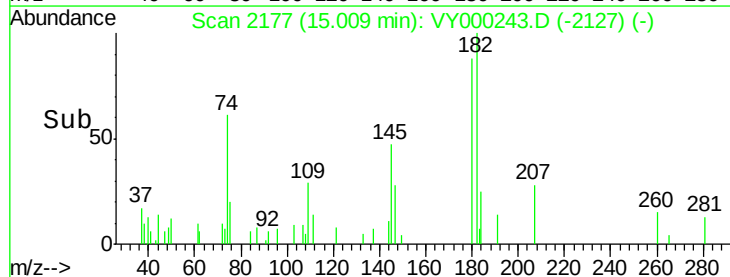
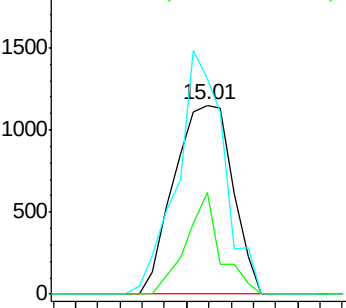
145 31.5 15.3 45.8

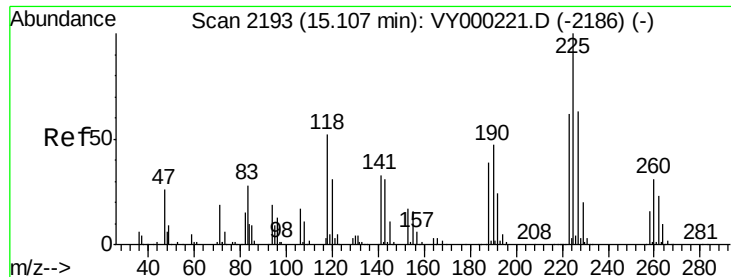


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.431 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. 0.01 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

Instrument :

MSVOA_Y

ClientSampled :

0.5PPBMDL

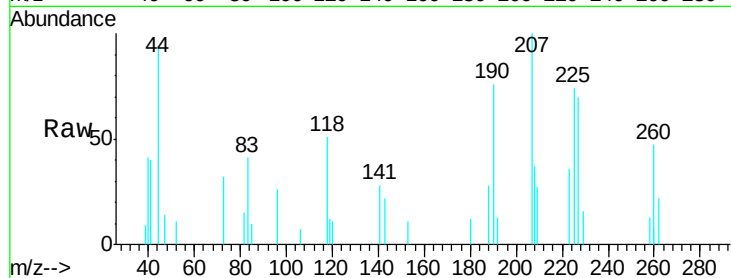
Tgt Ion:225 Resp: 955

Ion Ratio Lower Upper

225 100

223 57.0 31.9 95.5

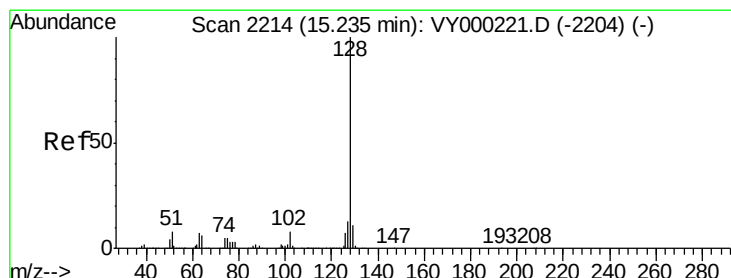
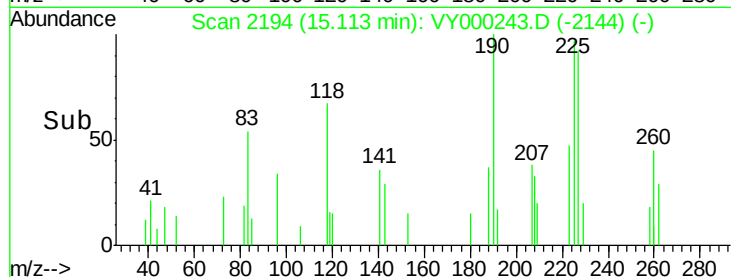
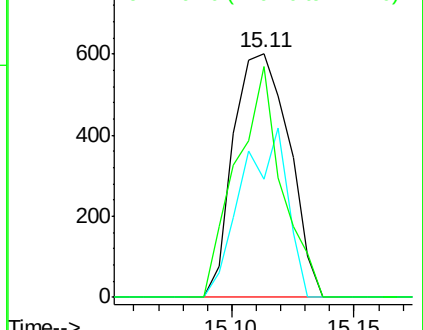
227 78.1 31.5 94.5



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: 0.444 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000243.D

Acq: 09 Oct 2019 15:07

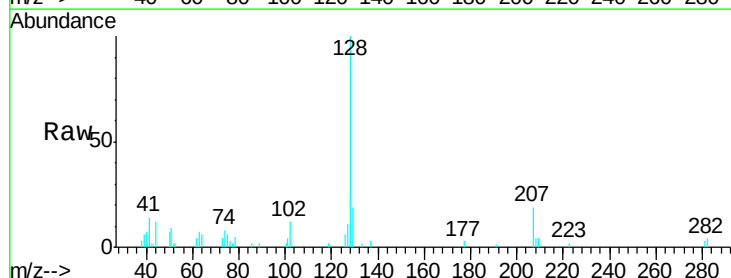
Tgt Ion:128 Resp: 7734

Ion Ratio Lower Upper

128 100

127 17.4 10.2 15.2#

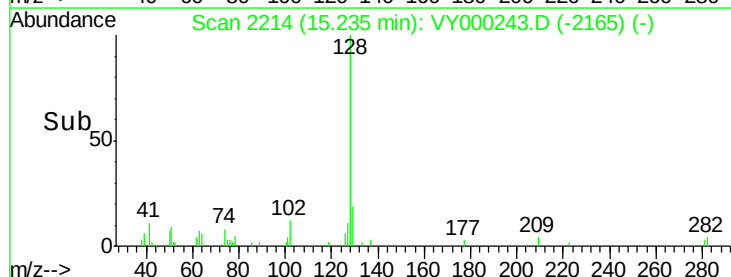
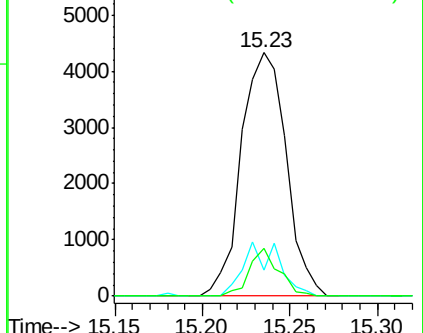
129 12.9 8.6 13.0

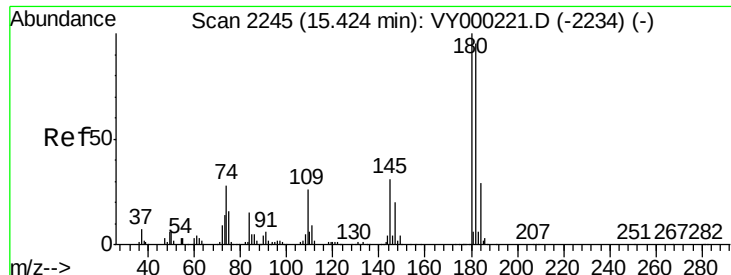


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

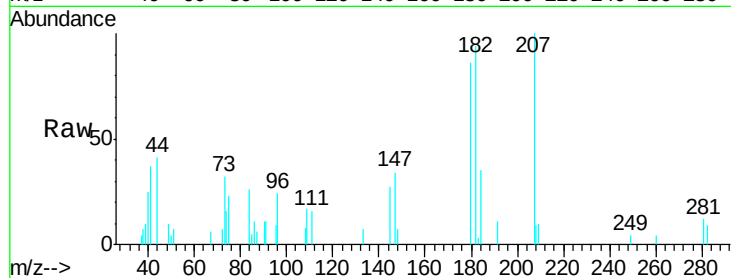




#96
 1,2,3-Trichlorobenzene
 Concen: 0.464 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VY000243.D
 Acq: 09 Oct 2019 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 0.5PPBMDL

Tgt Ion:	180	Resp:	2068
Ion	Ratio	Lower	Upper
180	100		
182	103.3	47.9	143.7
145	38.2	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

