

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
 Data File : VY000240.D
 Acq On : 09 Oct 2019 14:00
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Quant Time: Oct 10 01:44:19 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	286687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	465064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	166920	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
35) Dibromofluoromethane	7.73	113	135650	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	10.19	98	516770	45.40	ug/l	0.00
Spiked Amount			Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.48	95	179154	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	6513	2.276	ug/l	76
3) Chloromethane	2.12	50	8115	2.082	ug/l #	87
4) Vinyl Chloride	2.26	62	8572	2.130	ug/l #	84
5) Bromomethane	2.65	94	8167	3.217	ug/l	92
6) Chloroethane	2.79	64	5677	2.234	ug/l	95
7) Trichlorofluoromethane	3.13	101	12514	2.406	ug/l	96
8) Diethyl Ether	3.53	74	5377	2.261	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	7250	2.388	ug/l	95
10) Methyl Iodide	4.10	142	6241	1.824	ug/l #	94
11) Tert butyl alcohol	4.97	59	28002	13.979	ug/l #	95
12) 1,1-Dichloroethene	3.88	96	6891	2.186	ug/l	95
13) Acrolein	3.74	56	12609	11.991	ug/l	99
14) Allyl chloride	4.48	41	10408	1.960	ug/l #	86
15) Acrylonitrile	5.18	53	38968	11.020	ug/l	98
16) Acetone	3.96	43	34104	11.678	ug/l	90
17) Carbon Disulfide	4.20	76	19384	2.087	ug/l #	94
18) Methyl Acetate	4.49	43	19587	2.447	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	24742	2.146	ug/l #	85
20) Methylene Chloride	4.72	84	8684	2.264	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	7624	2.150	ug/l #	90
22) Diisopropyl ether	6.13	45	24479	1.989	ug/l #	92
23) Vinyl Acetate	6.07	43	115680	11.725	ug/l	98
24) 1,1-Dichloroethane	6.02	63	14420	2.297	ug/l	96
25) 2-Butanone	7.00	43	58880	10.899	ug/l	94
26) 2,2-Dichloropropane	7.00	77	13581	2.397	ug/l #	76
27) cis-1,2-Dichloroethene	7.00	96	9766	2.338	ug/l	92
28) Bromochloromethane	7.35	49	4676	2.263	ug/l #	80
29) Tetrahydrofuran	7.36	42	40454	10.603	ug/l	94
30) Chloroform	7.52	83	15337	2.355	ug/l	93
31) Cyclohexane	7.80	56	18838	2.971	ug/l #	66
32) 1,1,1-Trichloroethane	7.72	97	12559	2.268	ug/l	94
36) 1,1-Dichloropropene	7.92	75	11268	2.381	ug/l	97
37) Ethyl Acetate	7.08	43	18934	2.213	ug/l #	94
38) Carbon Tetrachloride	7.91	117	11170	2.422	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	12976	2.186	ug/l	93
40) Benzene	8.17	78	33089	2.305	ug/l	94
41) Methacrylonitrile	7.36	41	30455	4.523	ug/l #	56
42) 1,2-Dichloroethane	8.25	62	11967	2.567	ug/l	98
43) Isopropyl Acetate	8.28	43	25203	2.289	ug/l	98
44) Trichloroethene	8.95	130	9852	2.531	ug/l	88
45) 1,2-Dichloropropane	9.22	63	8391	2.334	ug/l	97
46) Dibromomethane	9.31	93	5575	2.212	ug/l	95
47) Bromodichloromethane	9.50	83	11062	2.244	ug/l	97
48) Methyl methacrylate	9.30	41	10451	2.103	ug/l	94
49) 1,4-Dioxane	9.31	88	5792	45.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	93479	11.296	ug/l	99
52) Toluene	10.25	92	19851	2.156	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	11619	2.077	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	12965	2.142	ug/l #	84
55) 1,1,2-Trichloroethane	10.65	97	8107	2.233	ug/l #	85
56) Ethyl methacrylate	10.52	69	13663	2.138	ug/l	95
57) 1,3-Dichloropropane	10.80	76	13510	2.180	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	31934	11.209	ug/l	96
59) 2-Hexanone	10.84	43	75170	3.476	ug/l	97
60) Dibromochloromethane	10.99	129	8421	2.194	ug/l	98
61) 1,2-Dibromoethane	11.10	107	8760	2.272	ug/l	99
64) Tetrachloroethene	10.72	164	10205	2.738	ug/l	84
65) Chlorobenzene	11.52	112	22433	2.374	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.60	131	8116	2.403	ug/l	97
67) Ethyl Benzene	11.60	91	39132	2.317	ug/l	93
68) m/p-Xylenes	11.70	106	30840	4.785	ug/l	95
69) o-Xylene	12.03	106	15345	2.471	ug/l	88
70) Styrene	12.05	104	23187	2.168	ug/l	97
71) Bromoform	12.21	173	6554	2.351	ug/l #	98
73) Isopropylbenzene	12.33	105	38268	2.357	ug/l	99
74) N-amyl acetate	12.14	43	14194	1.778	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	13273	2.396	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	19190	3.794	ug/l #	100
77) Bromobenzene	12.61	156	9334	2.452	ug/l	88
78) n-propylbenzene	12.67	91	42437	2.238	ug/l	98
79) 2-Chlorotoluene	12.76	91	24641	2.257	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	30822	2.275	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	4488	2.517	ug/l #	84
82) 4-Chlorotoluene	12.86	91	25908	2.343	ug/l	99
83) tert-Butylbenzene	13.08	119	26891	2.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	30501	2.254	ug/l	100
85) sec-Butylbenzene	13.25	105	37443	2.307	ug/l	100
86) p-Isopropyltoluene	13.37	119	31803	2.228	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	16833	2.440	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	17992	2.503	ug/l	90
89) n-Butylbenzene	13.69	91	29922	2.225	ug/l	94
90) Hexachloroethane	13.96	117	6480	2.400	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	16809	2.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4031	2.075	ug/l	98

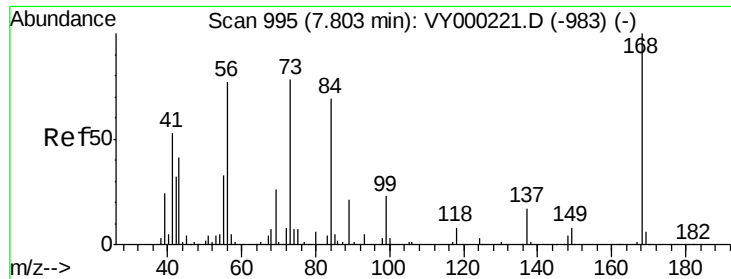
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100919\
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 09:24:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	11530	2.432	ug/l	94
94) Hexachlorobutadiene	15.11	225	5458	2.409	ug/l	91
95) Naphthalene	15.23	128	39349	2.206	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	11073	2.428	ug/l	95

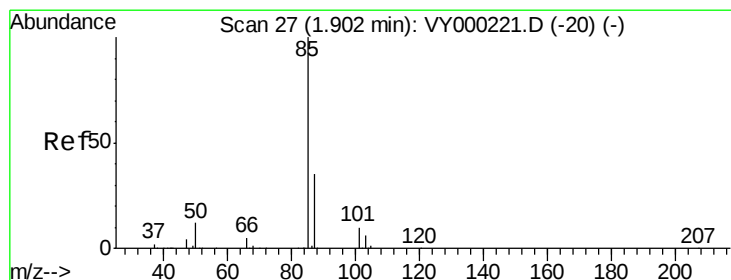
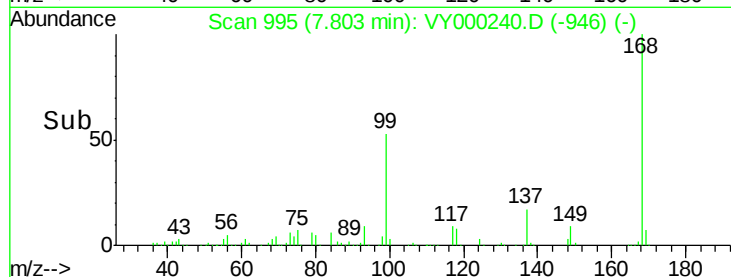
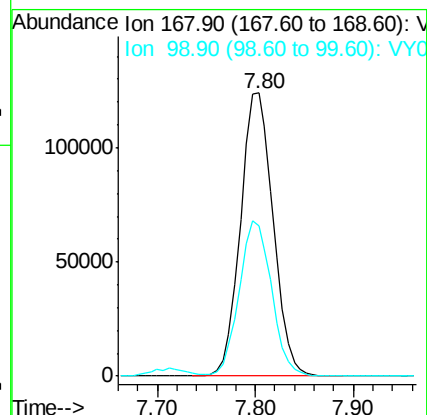
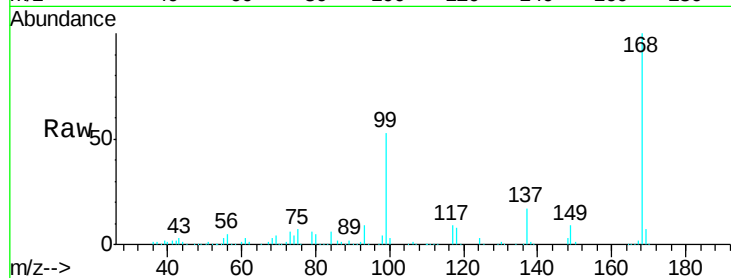
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

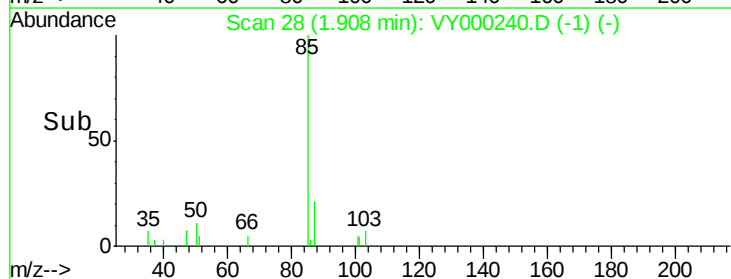
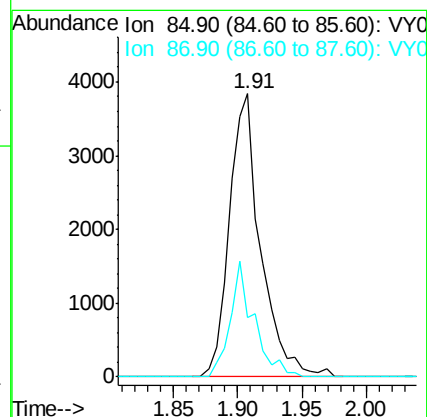
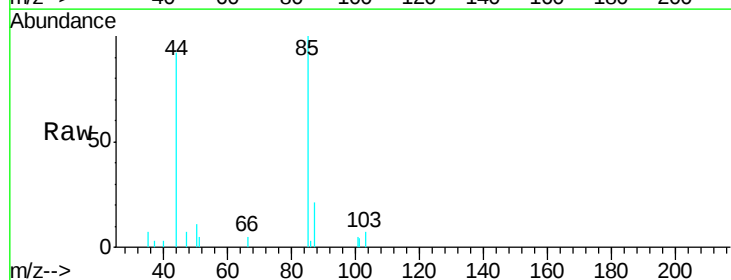
Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

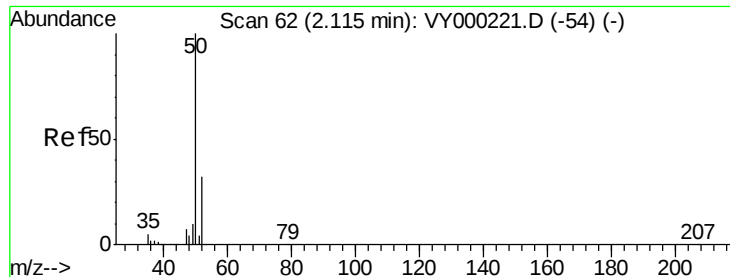
Tgt Ion:168 Resp: 286687
Ion Ratio Lower Upper
168 100
99 53.1 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 2.276 ug/l
RT: 1.91 min Scan# 28
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 85 Resp: 6513
Ion Ratio Lower Upper
85 100
87 20.8 17.4 52.2





#3

Chloromethane

Concen: 2.082 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

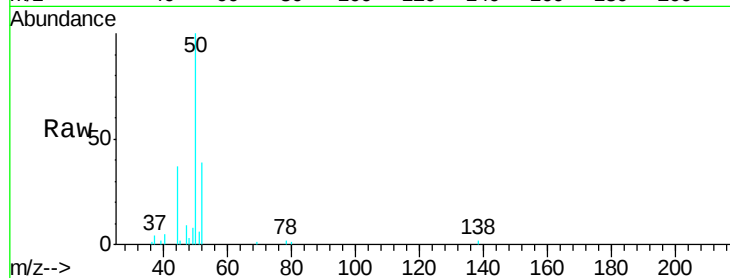
2.5PPBMDL

Tgt Ion: 50 Resp: 8115

Ion Ratio Lower Upper

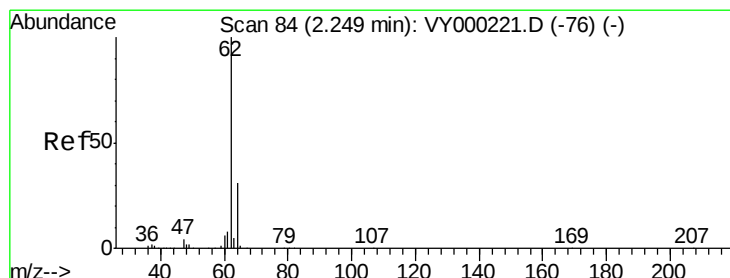
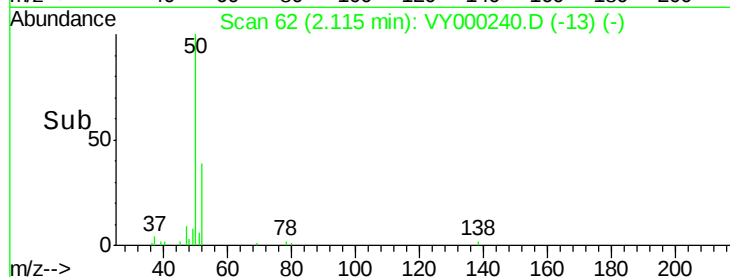
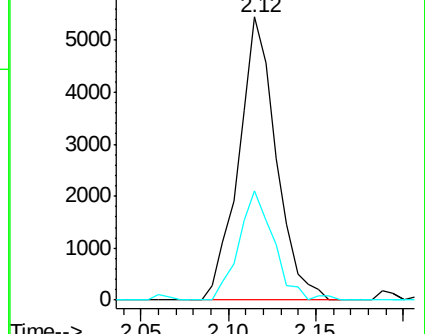
50 100

52 38.6 25.4 38.0#



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 2.130 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000240.D

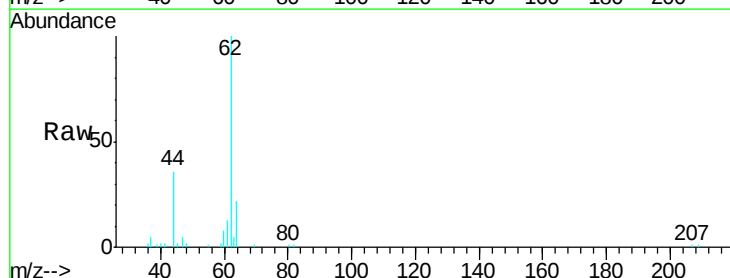
Acq: 09 Oct 2019 14:00

Tgt Ion: 62 Resp: 8572

Ion Ratio Lower Upper

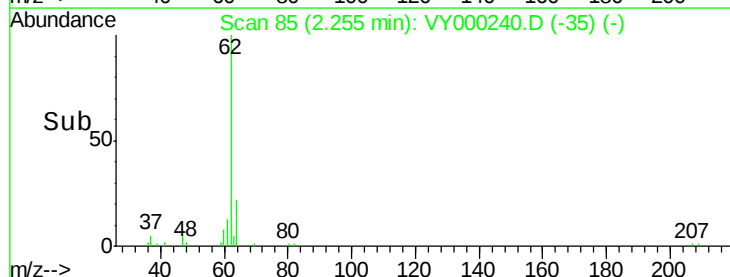
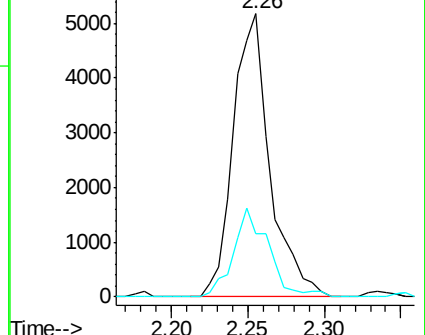
62 100

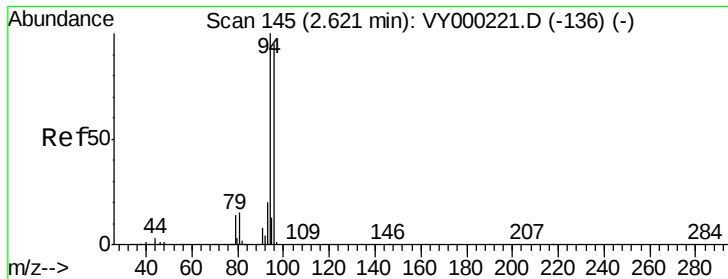
64 22.3 25.0 37.6#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 3.217 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.02 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

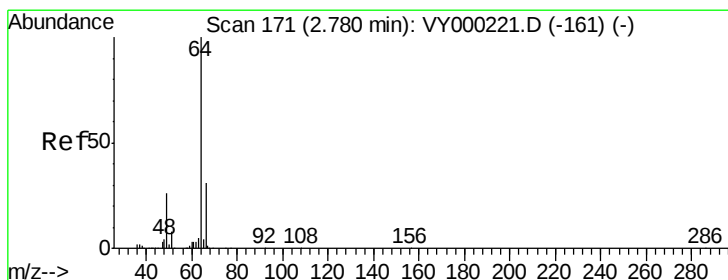
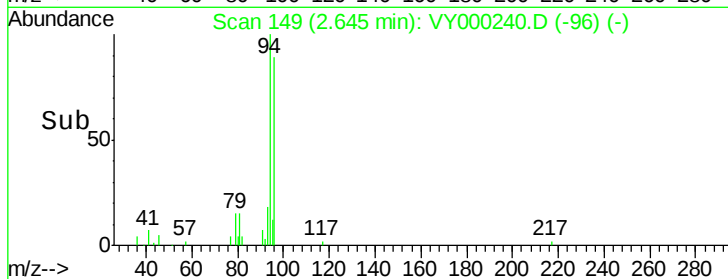
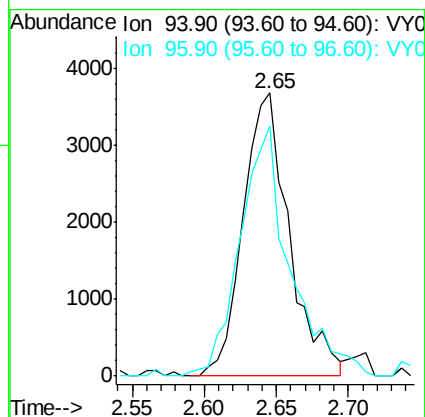
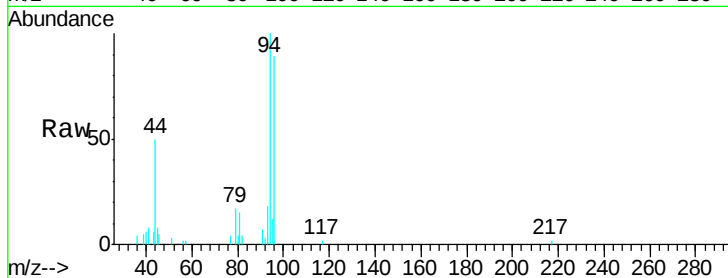
2.5PPBMDL

Tgt Ion: 94 Resp: 8167

Ion Ratio Lower Upper

94 100

96 86.9 75.7 113.5



#6

Chloroethane

Concen: 2.234 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000240.D

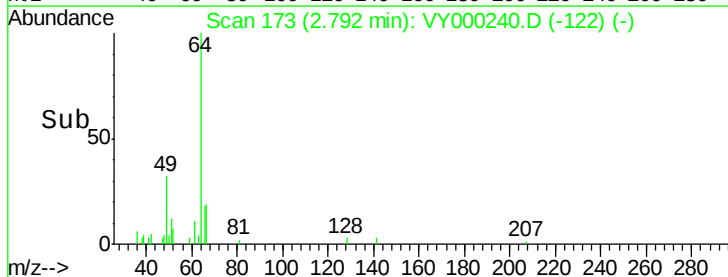
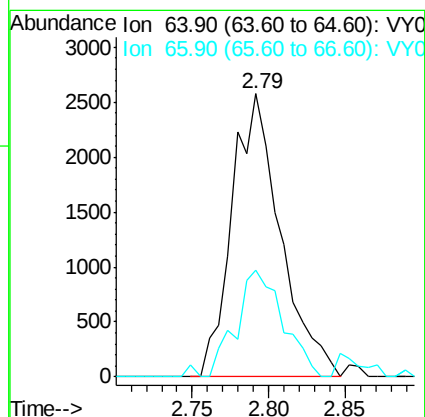
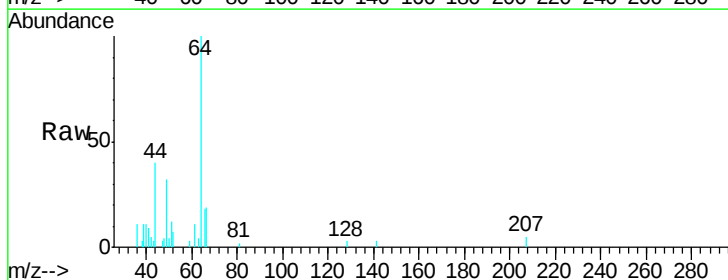
Acq: 09 Oct 2019 14:00

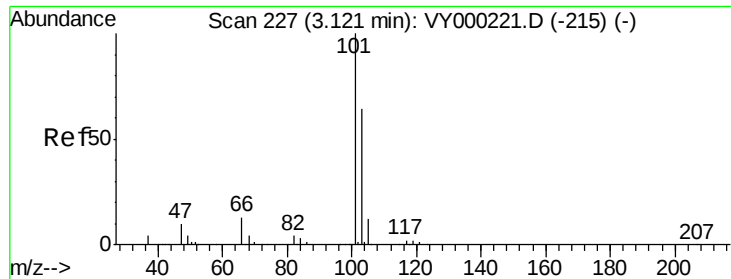
Tgt Ion: 64 Resp: 5677

Ion Ratio Lower Upper

64 100

66 33.3 24.5 36.7



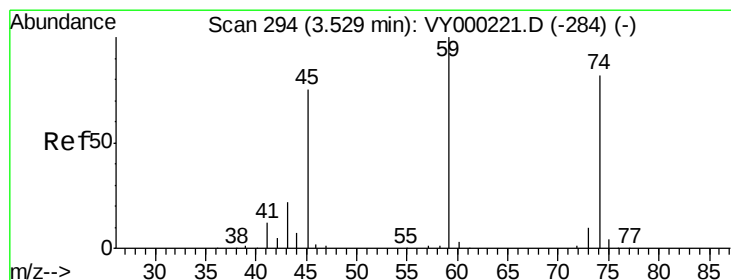
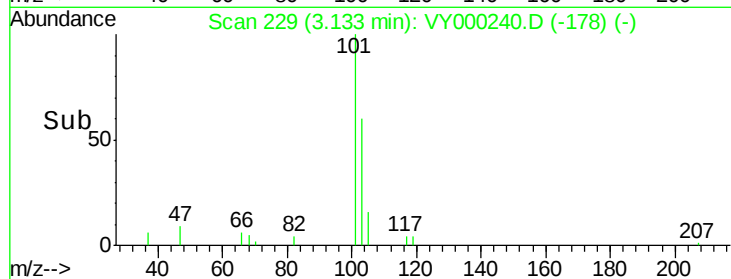
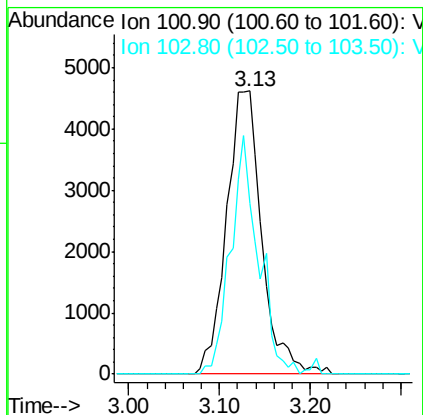
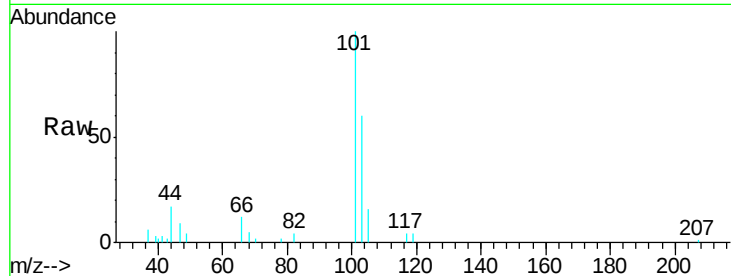


#7

Trichlorofluoromethane
 Concen: 2.406 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

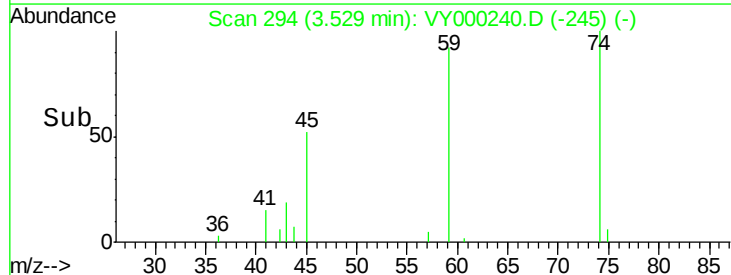
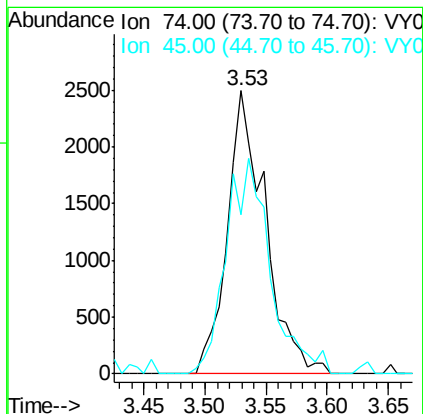
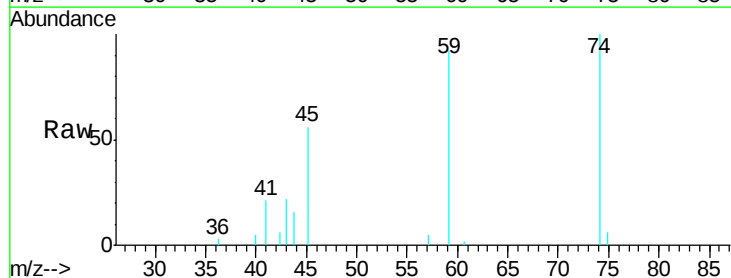
Tgt Ion:101 Resp: 12514
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.0 76.6

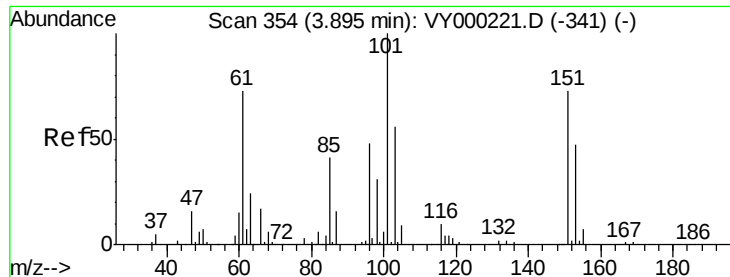


#8

Diethyl Ether
 Concen: 2.261 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 74 Resp: 5377
 Ion Ratio Lower Upper
 74 100
 45 88.5 45.8 137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.388 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

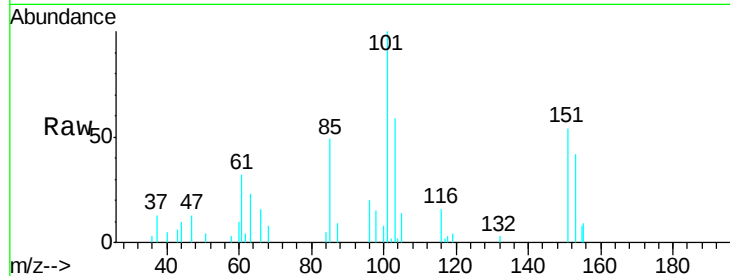
Tgt Ion:101 Resp: 7250

Ion Ratio Lower Upper

101 100

85 46.7 37.0 55.6

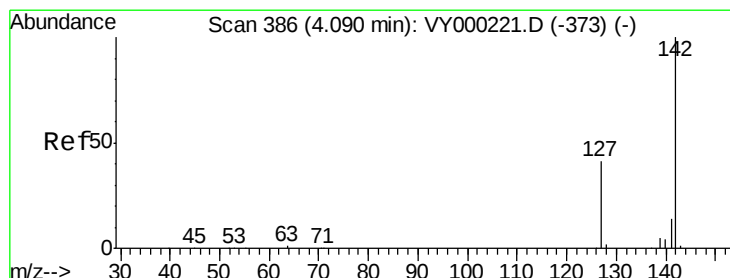
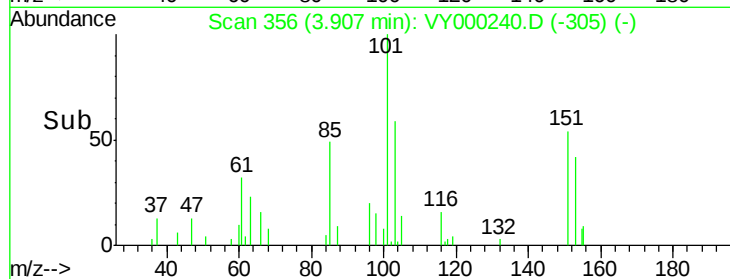
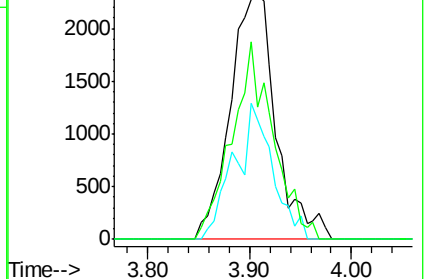
151 72.4 63.0 94.4



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: 1.824 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

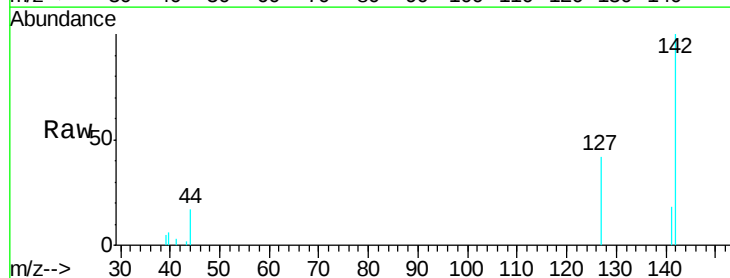
Tgt Ion:142 Resp: 6241

Ion Ratio Lower Upper

142 100

127 44.0 33.0 49.6

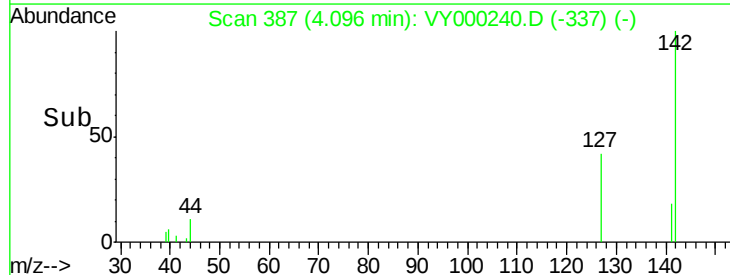
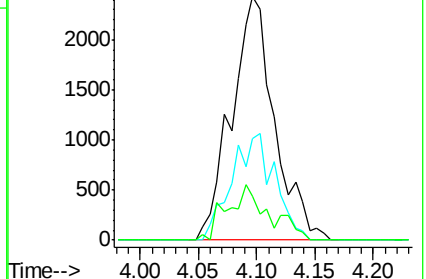
141 17.8 11.0 16.4#

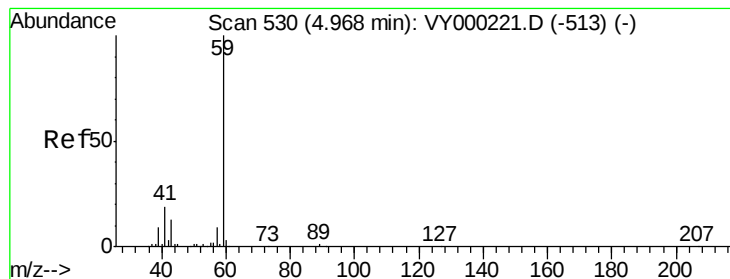


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 13.979 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

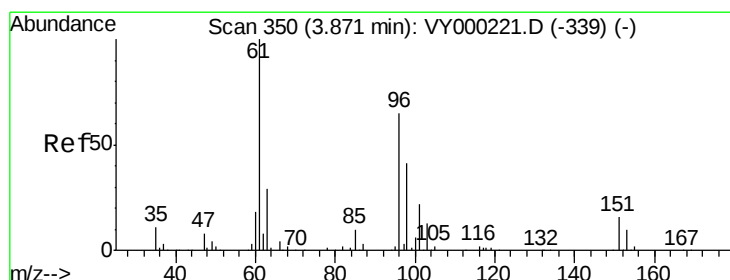
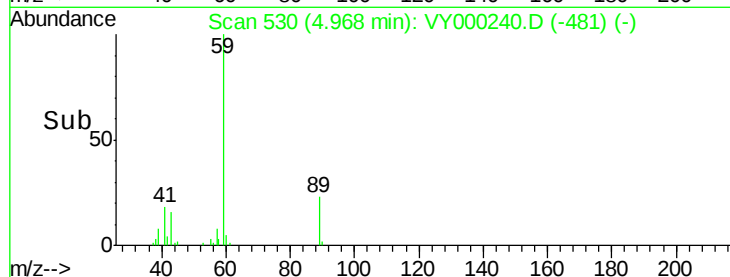
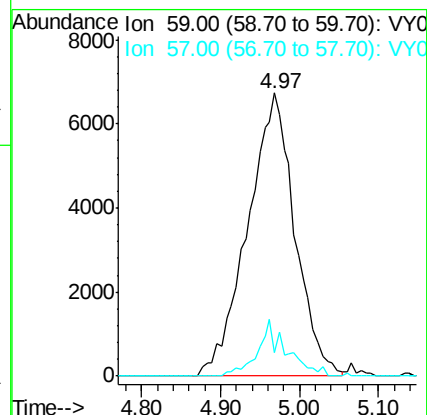
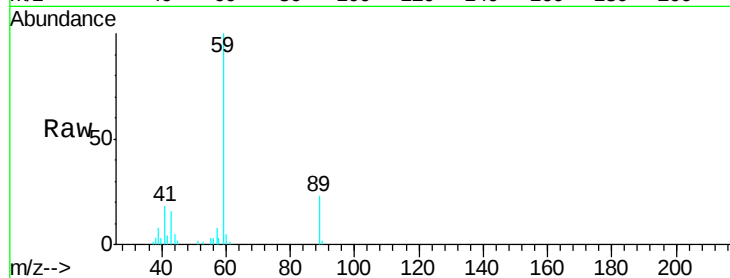
2.5PPBMDL

Tgt Ion: 59 Resp: 28002

Ion Ratio Lower Upper

59 100

57 12.0 8.0 12.0#



#12

1,1-Dichloroethene

Concen: 2.186 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

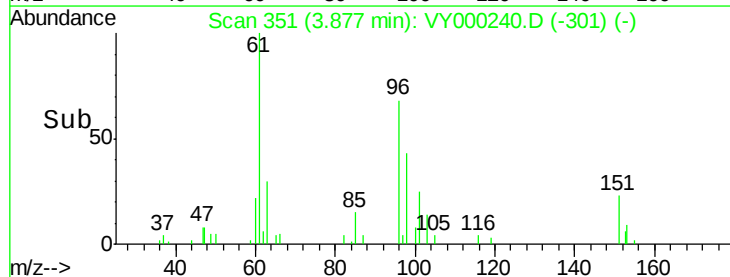
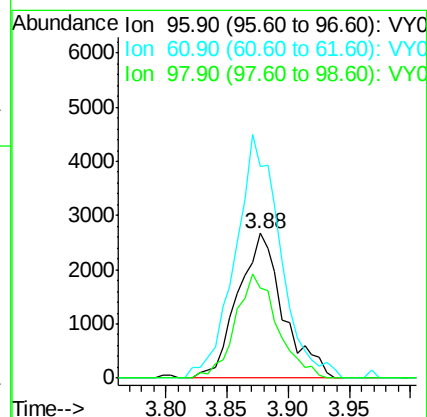
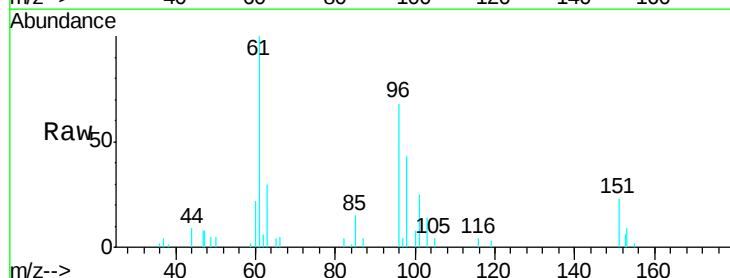
Tgt Ion: 96 Resp: 6891

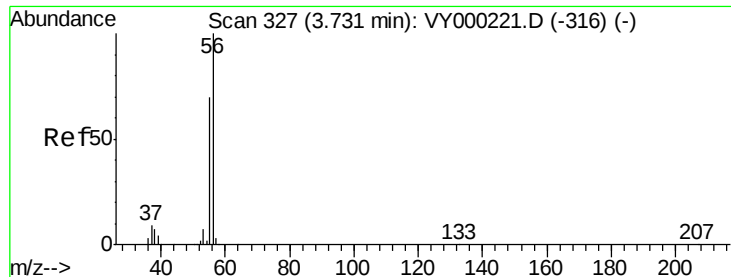
Ion Ratio Lower Upper

96 100

61 146.0 123.8 185.8

98 62.3 50.9 76.3





#13

Acrolein

Concen: 11.991 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

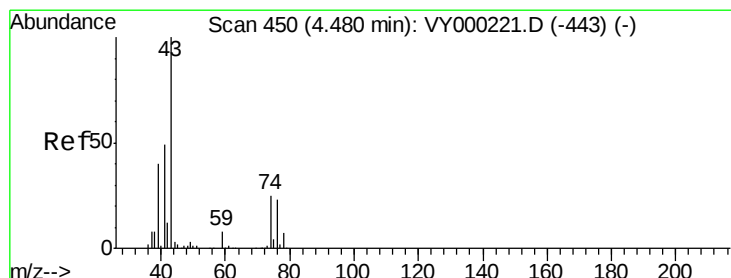
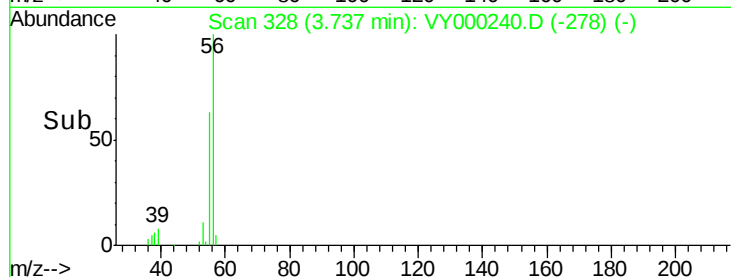
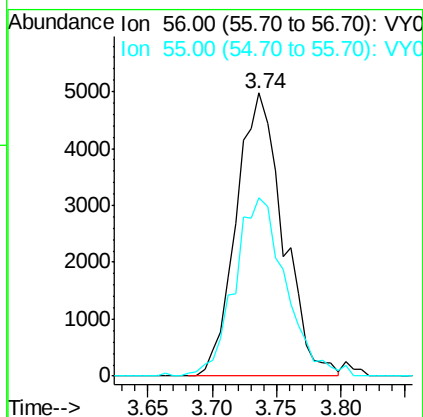
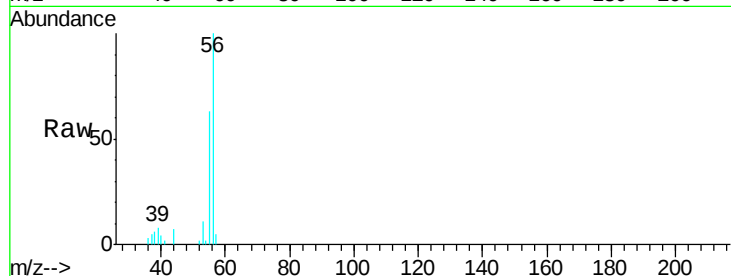
2.5PPBMDL

Tgt Ion: 56 Resp: 12609

Ion Ratio Lower Upper

56 100

55 68.4 55.2 82.8



#14

Allyl chloride

Concen: 1.960 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

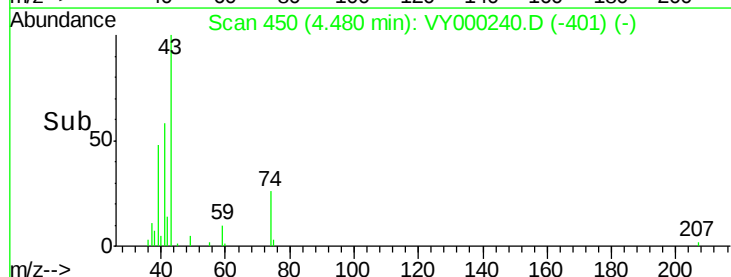
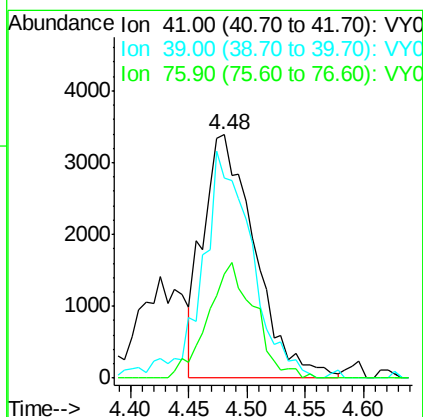
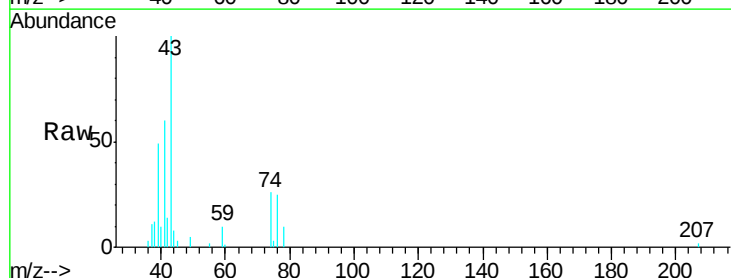
Tgt Ion: 41 Resp: 10408

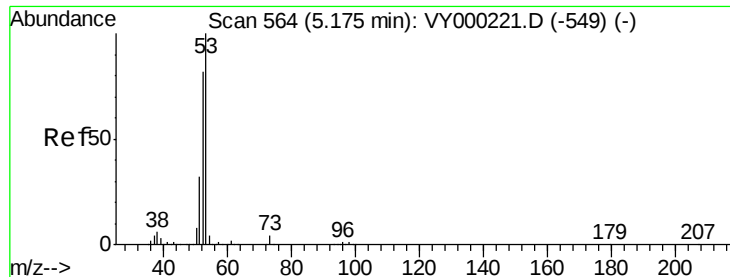
Ion Ratio Lower Upper

41 100

39 85.2 56.4 84.6#

76 42.9 30.8 46.2





#15

Acrylonitrile

Concen: 11.020 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

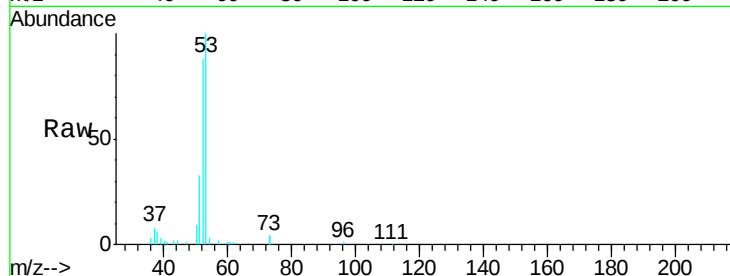
Tgt Ion: 53 Resp: 38968

Ion Ratio Lower Upper

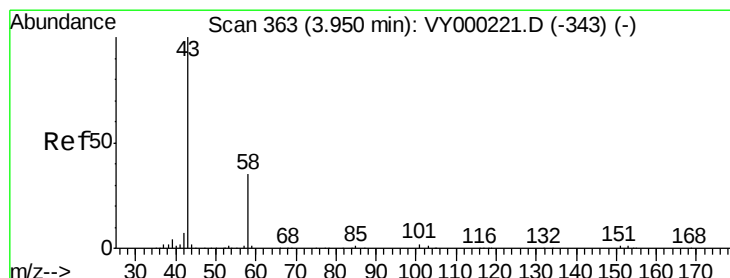
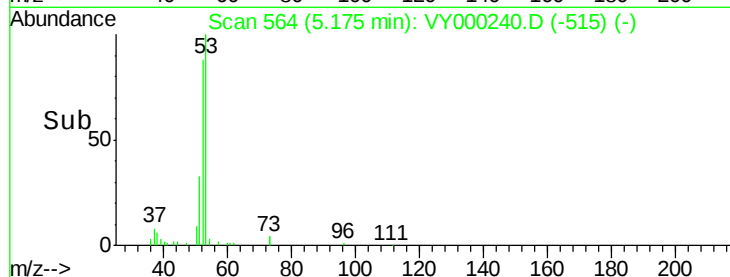
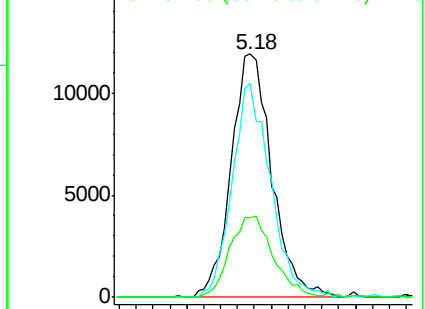
53 100

52 83.6 65.4 98.2

51 35.5 27.2 40.8



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



#16

Acetone

Concen: 11.678 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000240.D

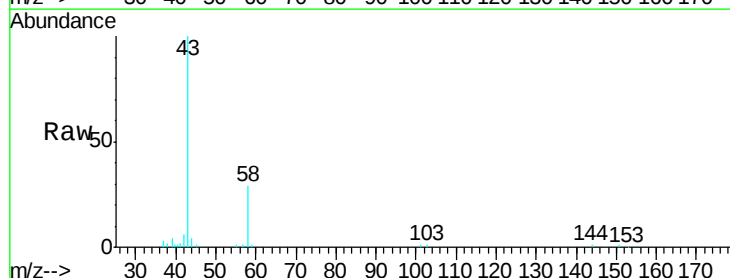
Acq: 09 Oct 2019 14:00

Tgt Ion: 43 Resp: 34104

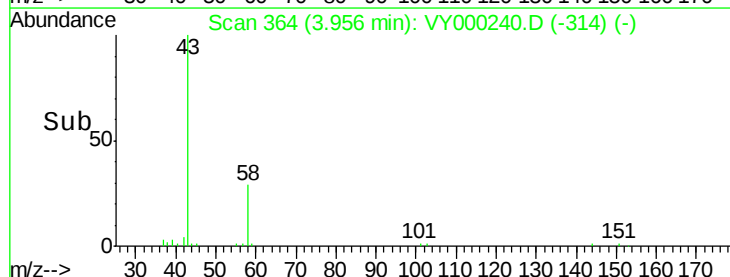
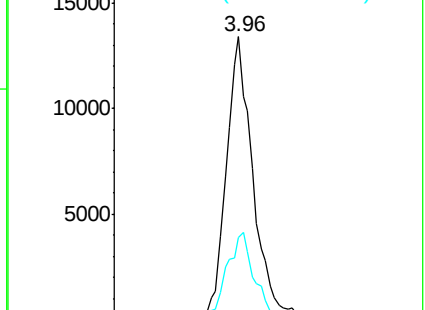
Ion Ratio Lower Upper

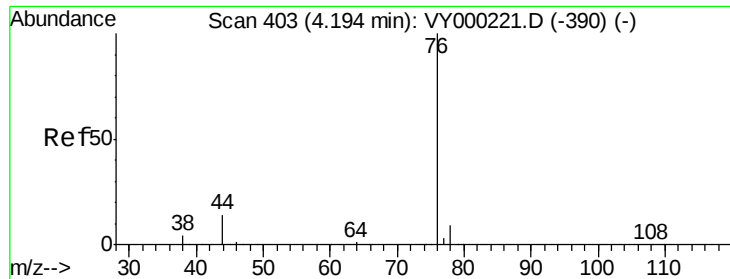
43 100

58 29.2 28.2 42.4



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





#17

Carbon Disulfide

Concen: 2.087 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

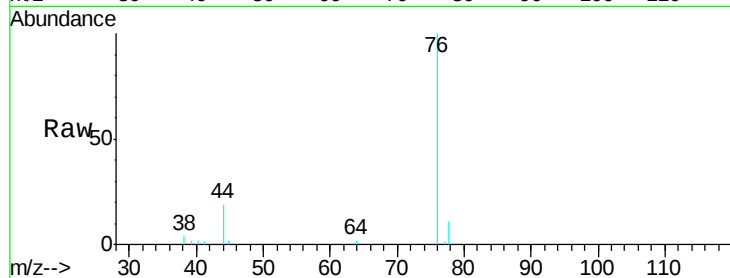
2.5PPBMDL

Tgt Ion: 76 Resp: 19384

Ion Ratio Lower Upper

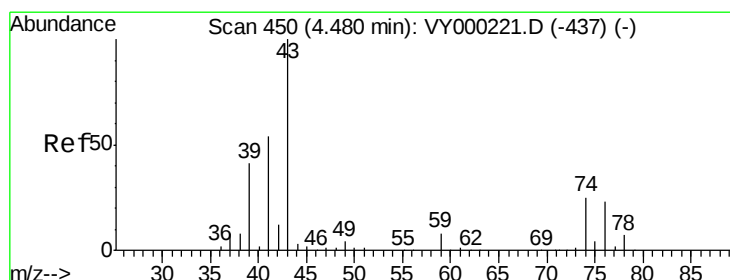
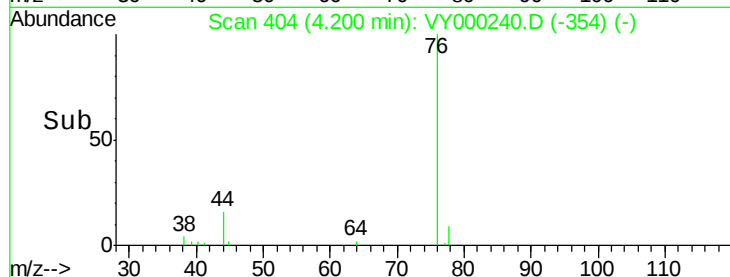
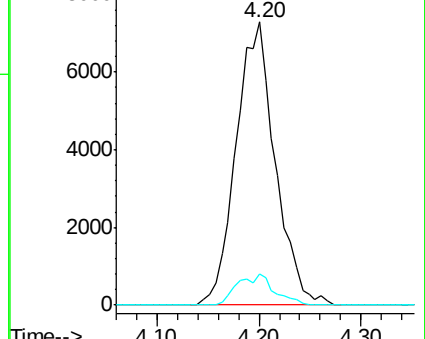
76 100

78 10.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 2.447 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000240.D

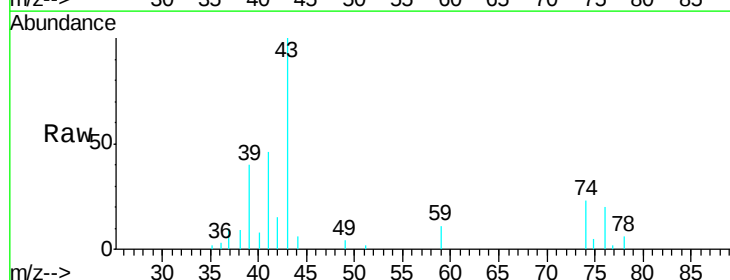
Acq: 09 Oct 2019 14:00

Tgt Ion: 43 Resp: 19587

Ion Ratio Lower Upper

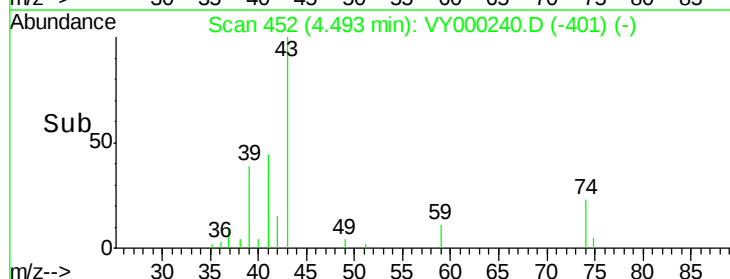
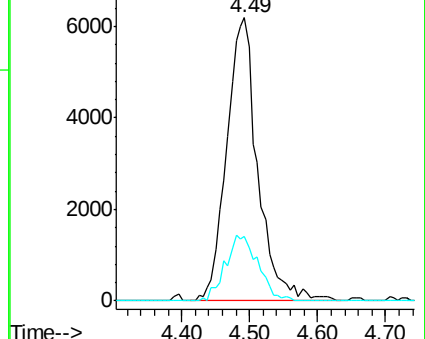
43 100

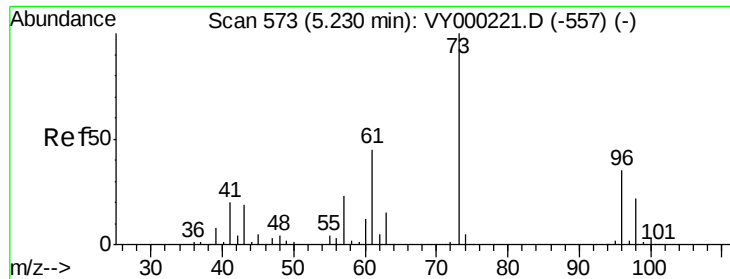
74 24.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

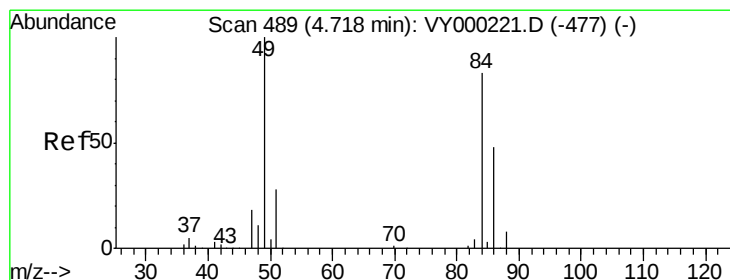
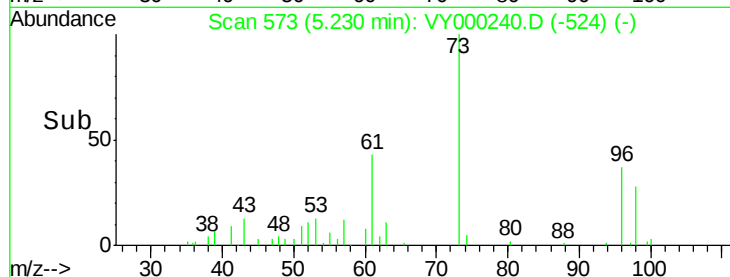
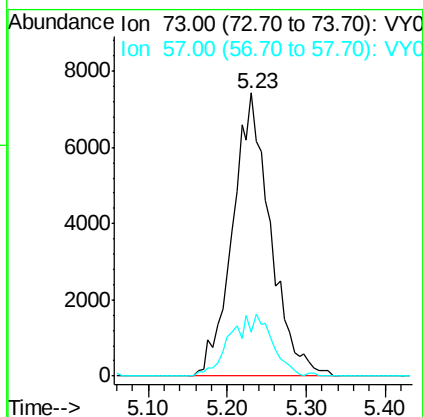
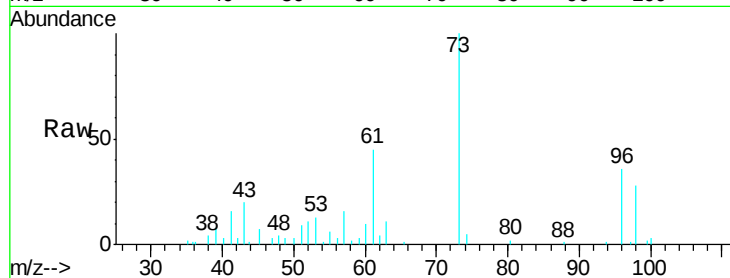




#19
Methyl tert-butyl Ether
Concen: 2.146 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

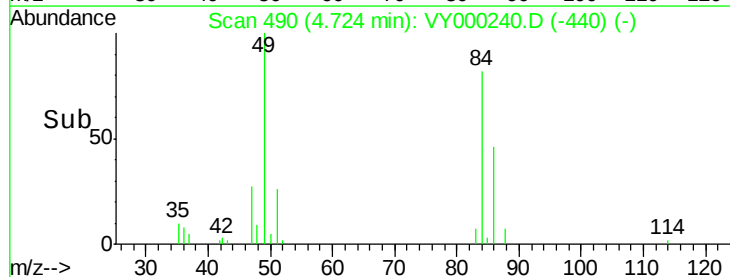
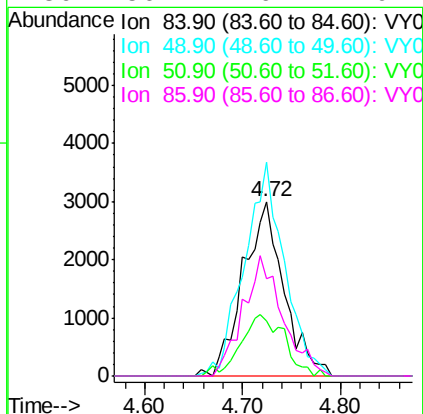
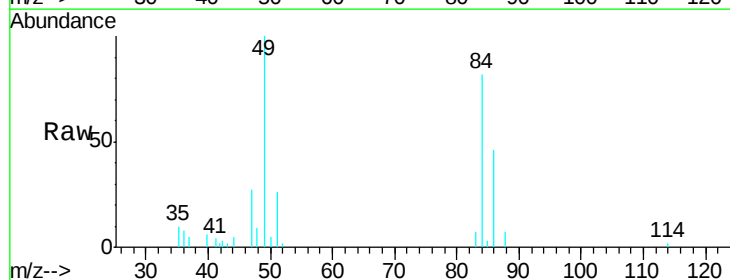
Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

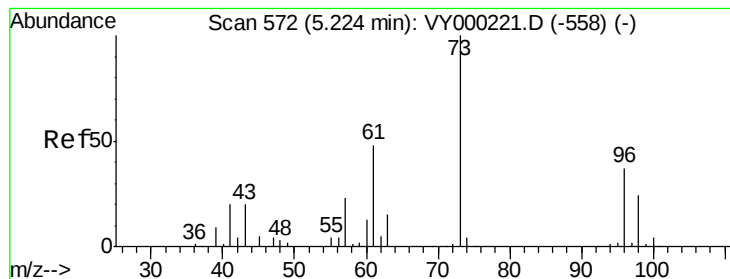
Tgt Ion: 73 Resp: 24742
Ion Ratio Lower Upper
73 100
57 15.6 18.4 27.6#



#20
Methylene Chloride
Concen: 2.264 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 84 Resp: 8684
Ion Ratio Lower Upper
84 100
49 122.7 96.2 144.2
51 31.7 26.6 39.8
86 56.2 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 2.150 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

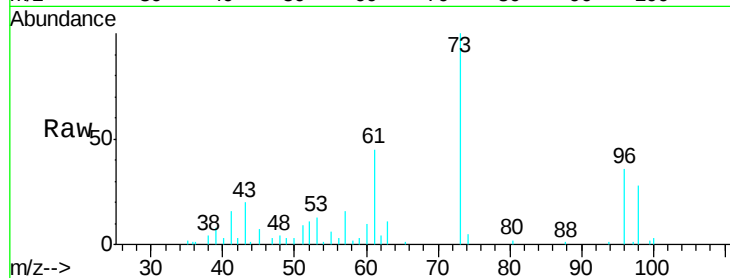
Tgt Ion: 96 Resp: 7624

Ion Ratio Lower Upper

96 100

61 123.1 104.2 156.2

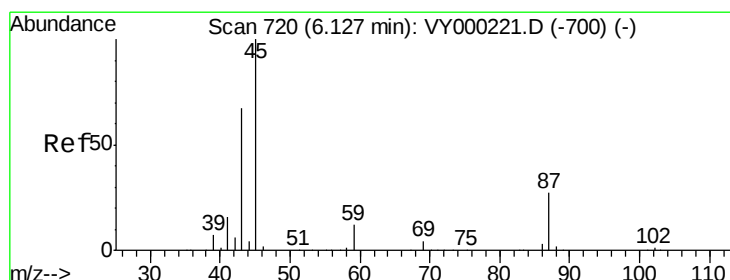
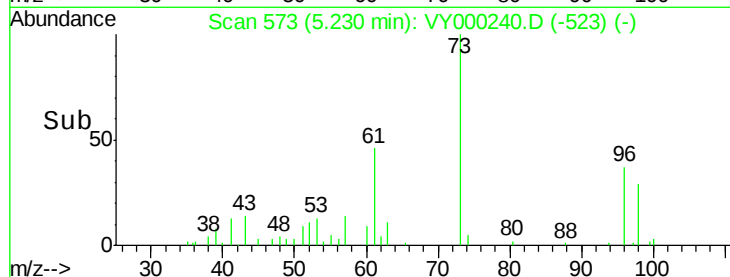
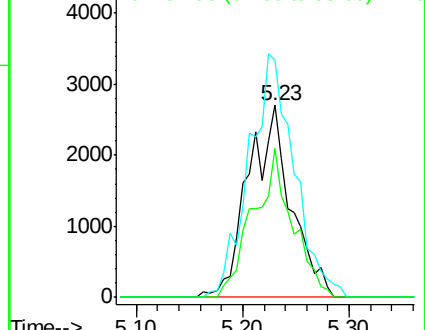
98 77.3 51.0 76.6#



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 1.989 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Tgt Ion: 45 Resp: 24479

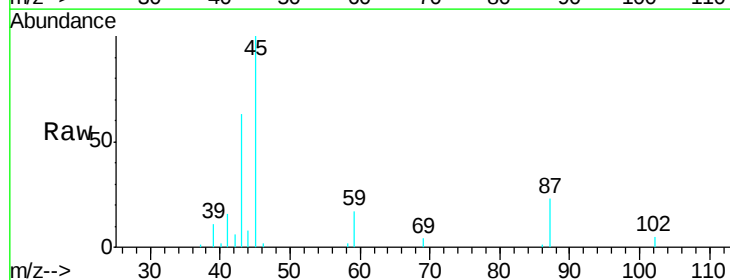
Ion Ratio Lower Upper

45 100

43 60.6 53.4 80.2

87 22.9 21.7 32.5

59 17.3 9.6 14.4#

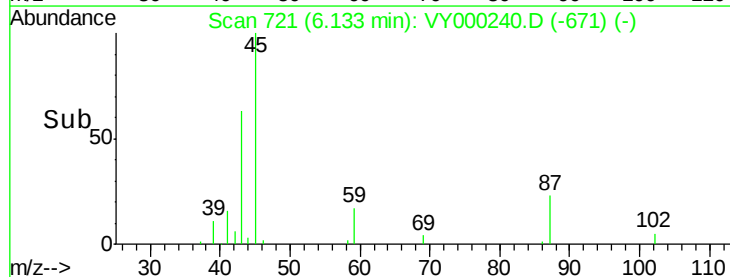
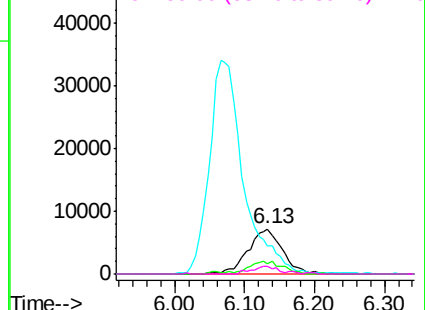


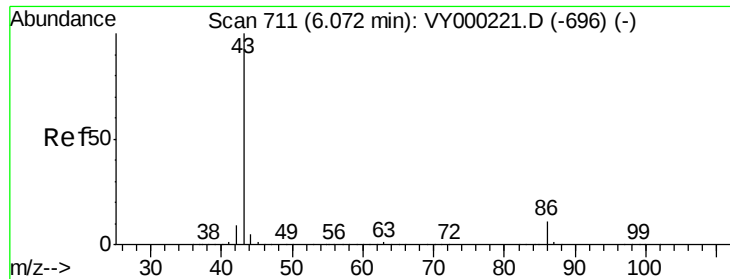
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 11.725 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

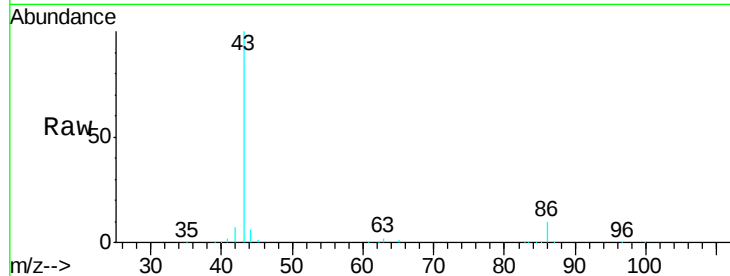
2.5PPBMDL

Tgt Ion: 43 Resp: 115680

Ion Ratio Lower Upper

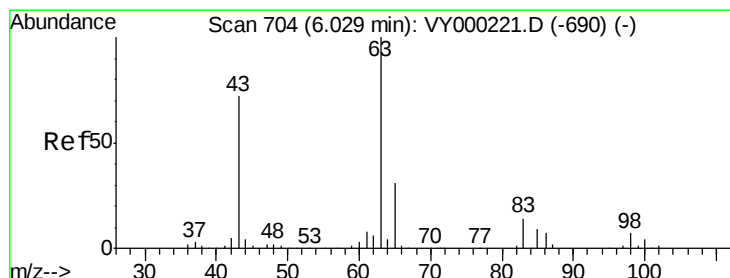
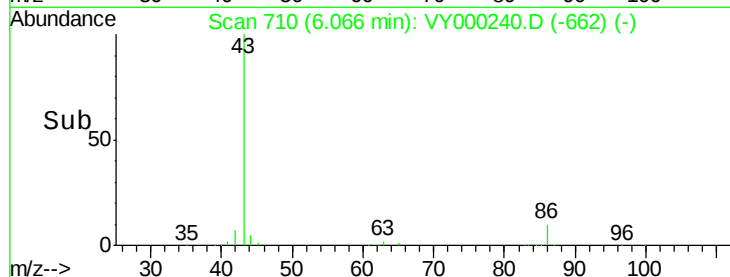
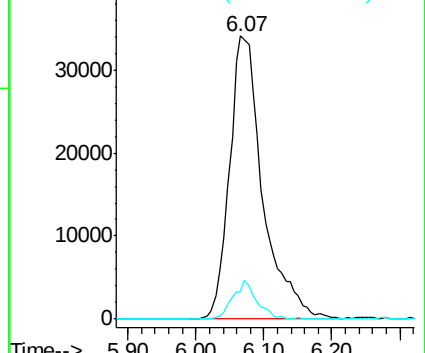
43 100

86 9.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 2.297 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

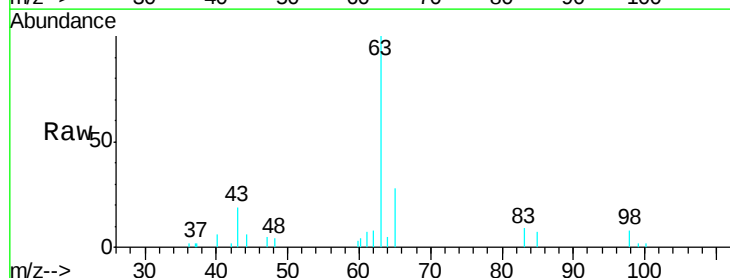
Tgt Ion: 63 Resp: 14420

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

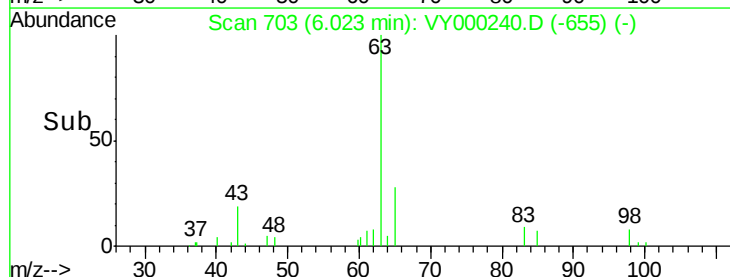
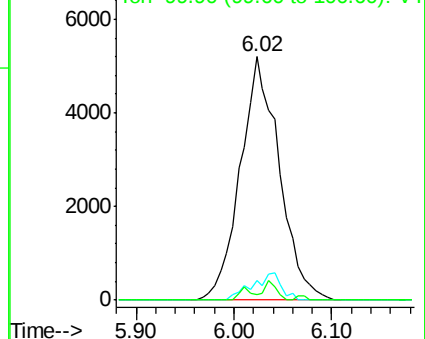
100 2.4 2.1 6.5

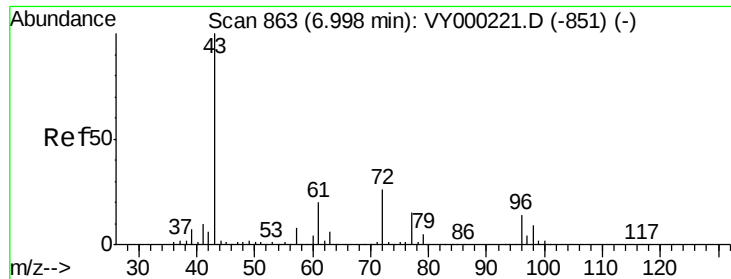


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 10.899 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

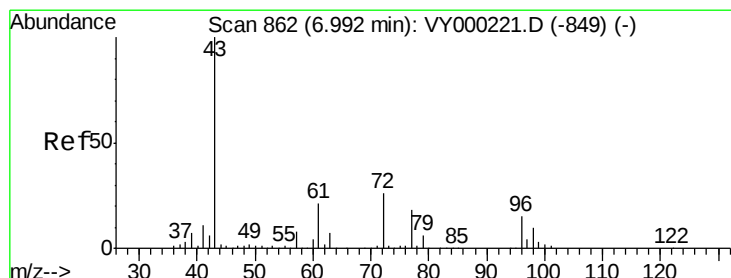
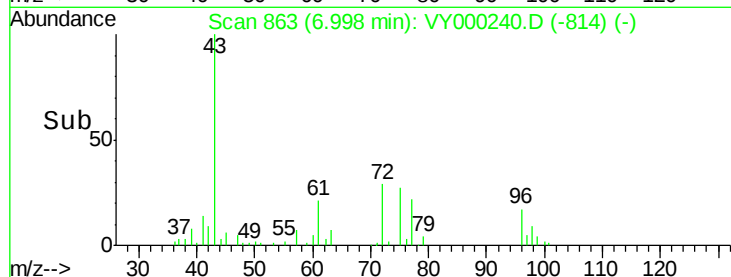
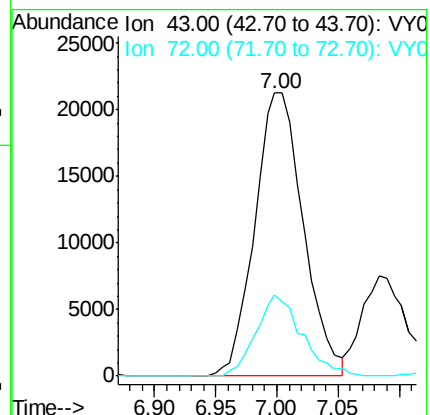
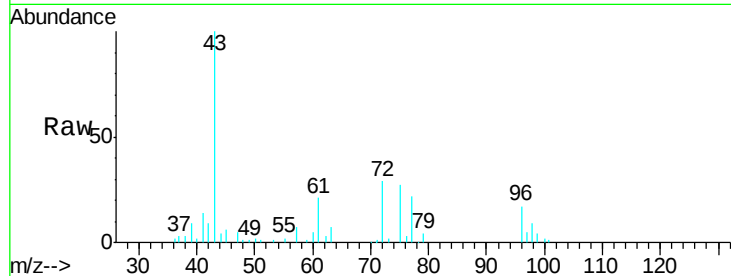
2.5PPBMDL

Tgt Ion: 43 Resp: 58880

Ion Ratio Lower Upper

43 100

72 28.6 20.6 31.0



#26

2,2-Dichloropropane

Concen: 2.397 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000240.D

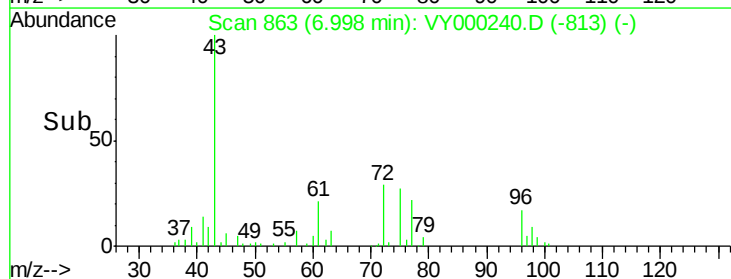
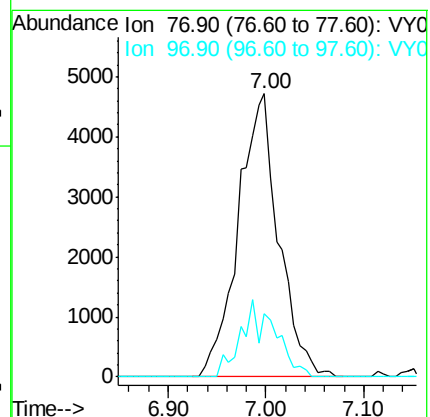
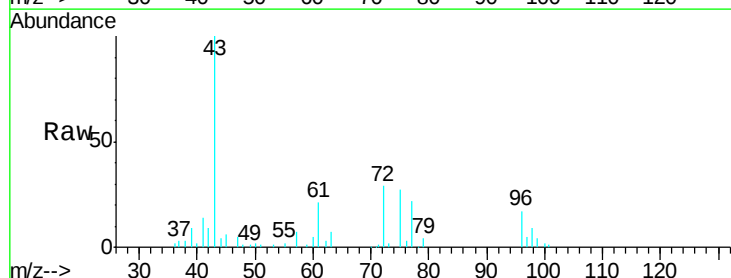
Acq: 09 Oct 2019 14:00

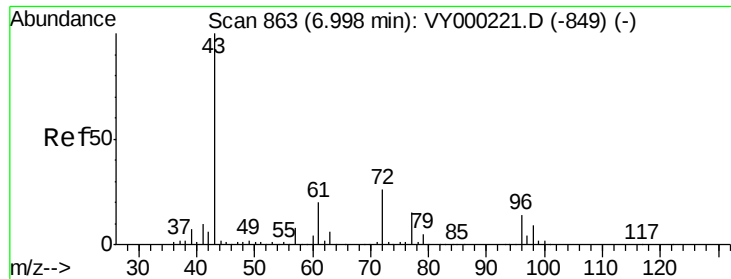
Tgt Ion: 77 Resp: 13581

Ion Ratio Lower Upper

77 100

97 11.6 11.7 35.0#



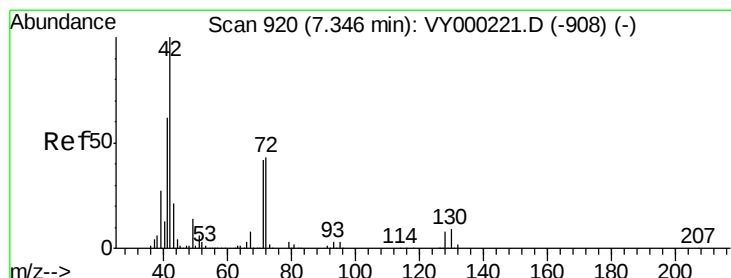
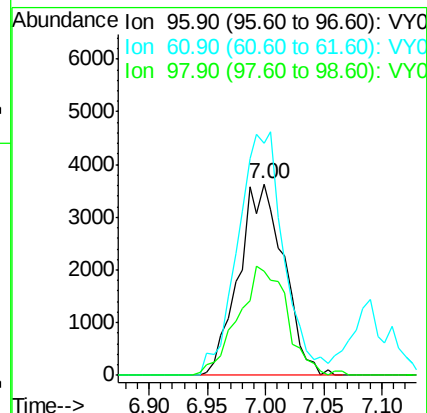
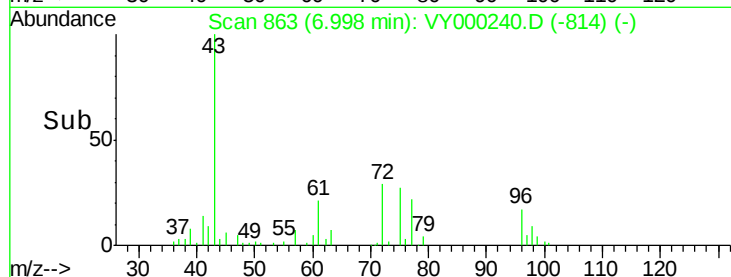
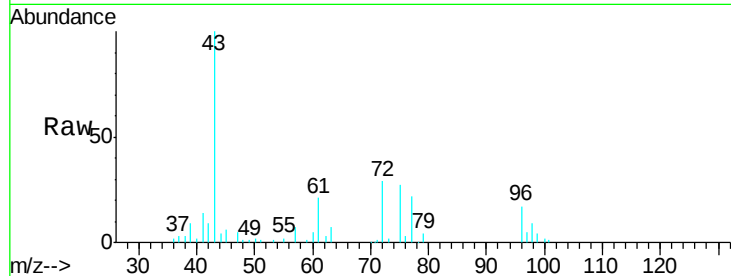


#27

cis-1,2-Dichloroethene
 Concen: 2.338 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

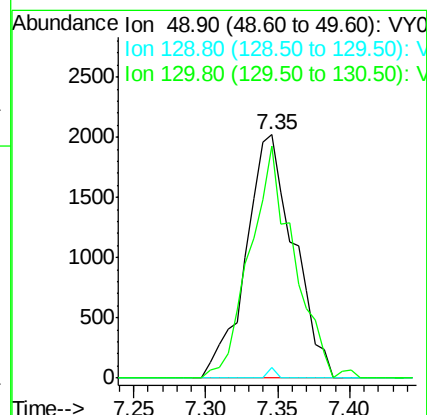
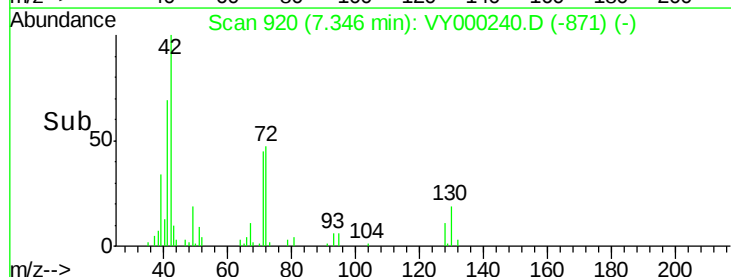
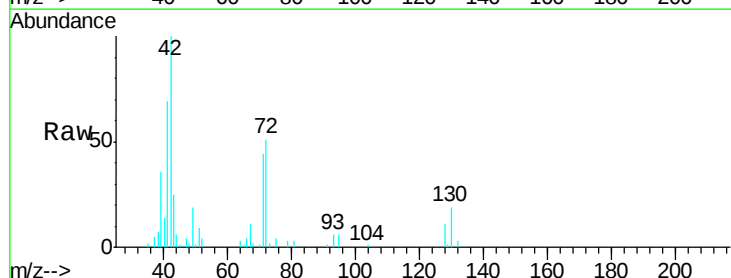
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	282.6
98	61.2	0.0	129.8

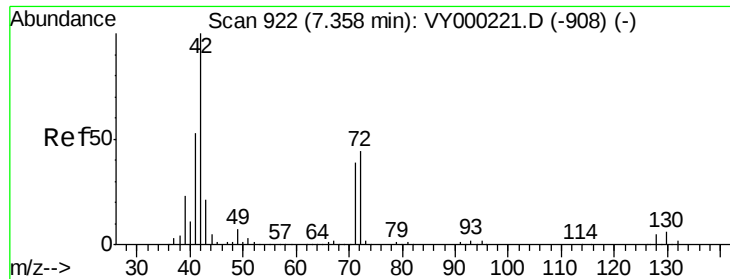


#28

Bromochloromethane
 Concen: 2.263 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.2
130	87.6	56.5	84.7#

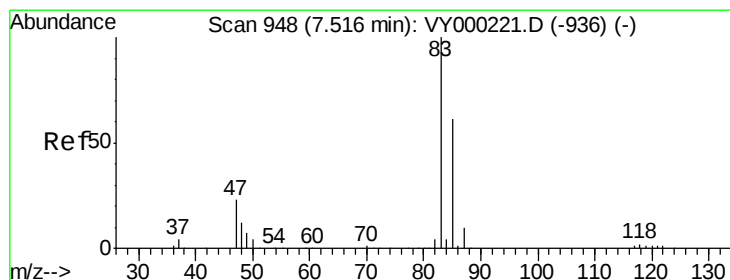
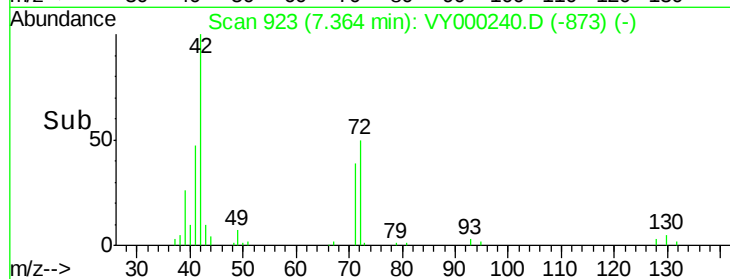
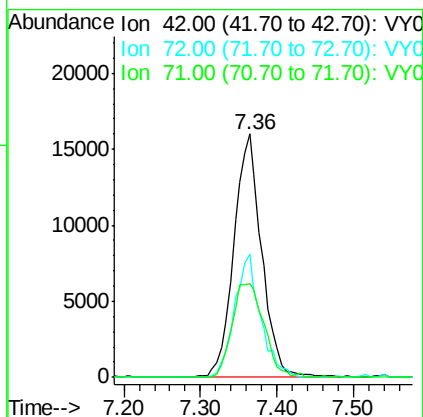
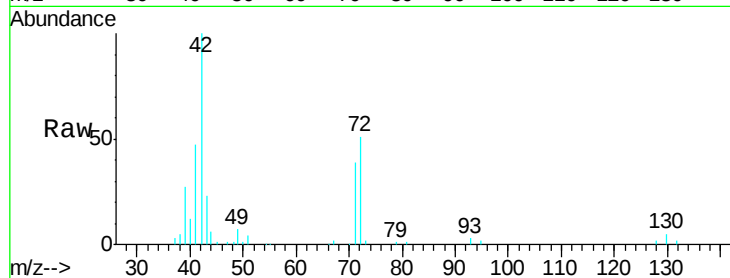




#29
Tetrahydrofuran
Concen: 10.603 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

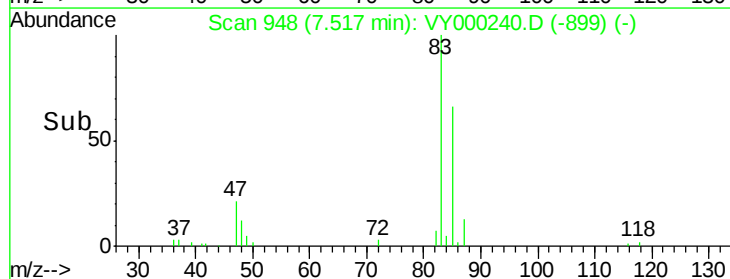
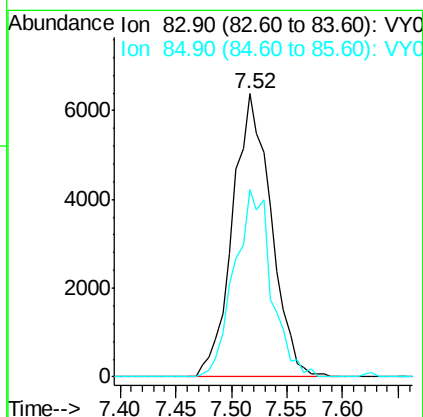
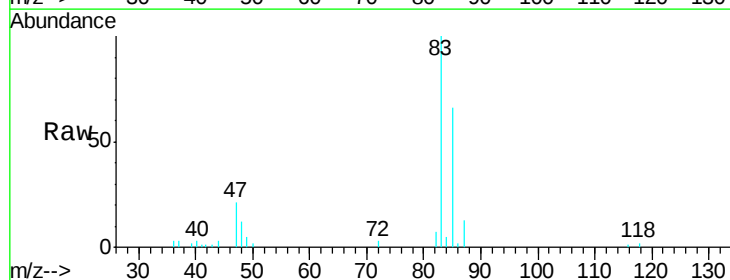
Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

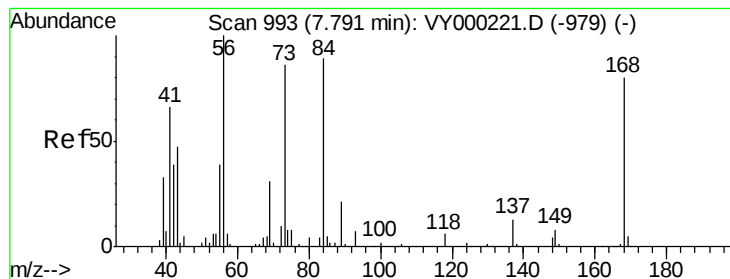
Tgt Ion: 42 Resp: 40454
Ion Ratio Lower Upper
42 100
72 47.0 34.6 51.8
71 43.9 31.9 47.9



#30
Chloroform
Concen: 2.355 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 83 Resp: 15337
Ion Ratio Lower Upper
83 100
85 66.2 48.9 73.3





#31

Cyclohexane

Concen: 2.971 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

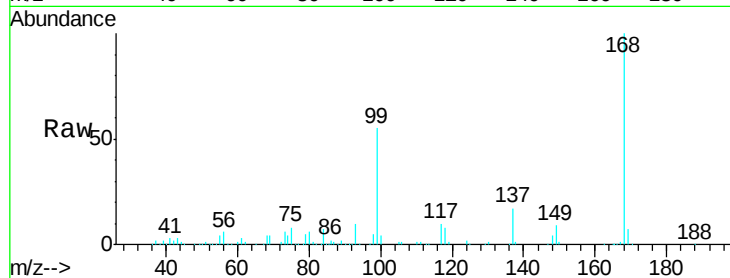
Tgt Ion: 56 Resp: 18838

Ion Ratio Lower Upper

56 100

69 67.0 24.7 37.1#

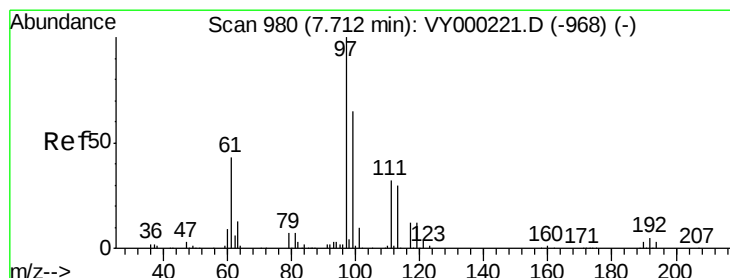
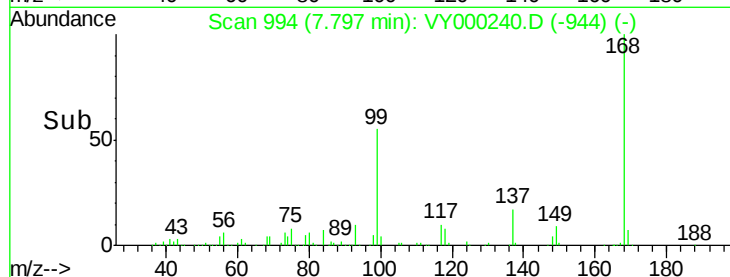
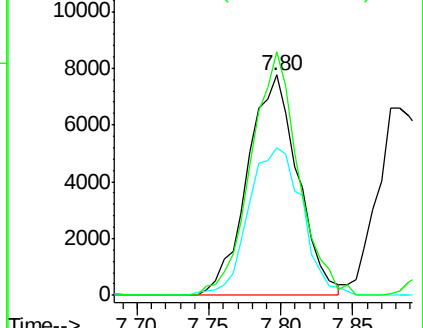
84 110.4 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 2.268 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

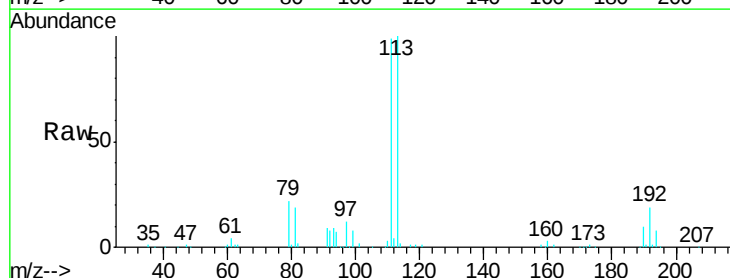
Tgt Ion: 97 Resp: 12559

Ion Ratio Lower Upper

97 100

99 69.0 51.4 77.2

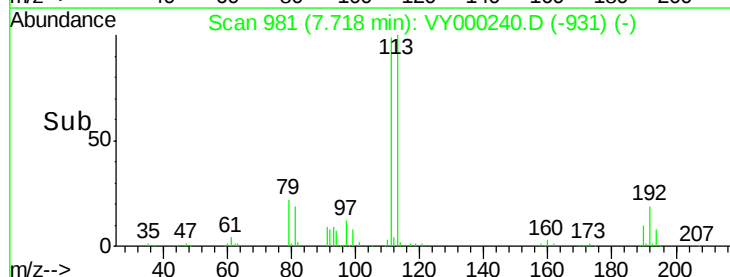
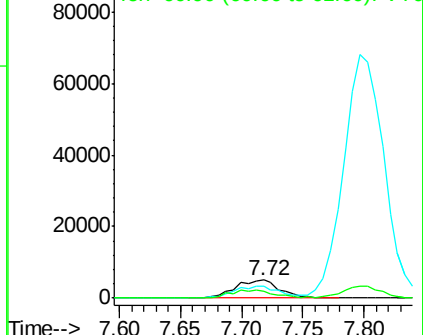
61 46.4 34.2 51.4

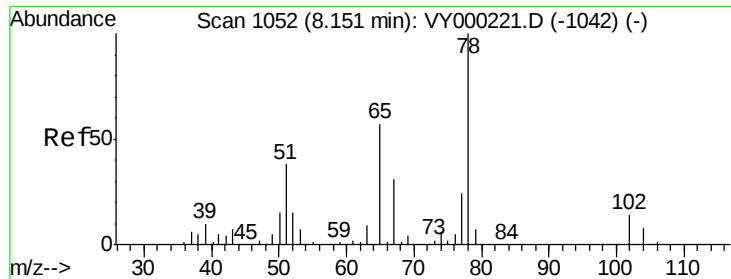


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

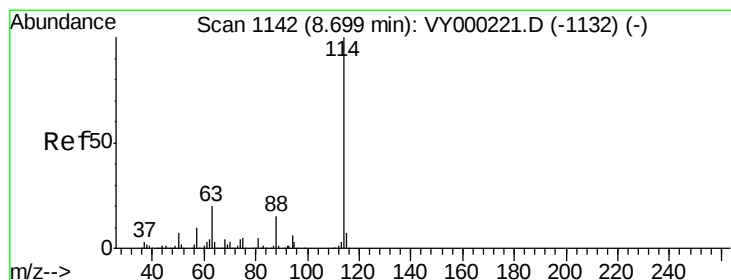
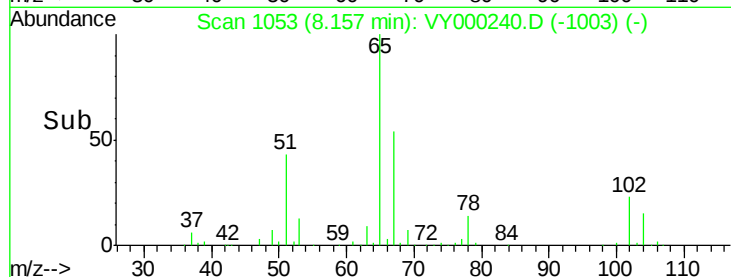
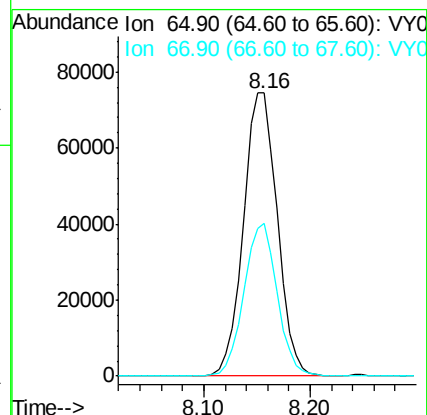
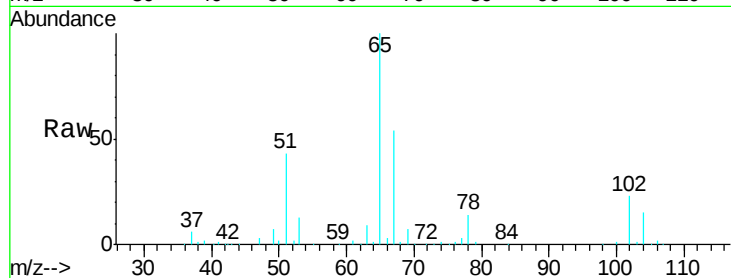




#33
 1,2-Dichloroethane-d4
 Concen: 45.270 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

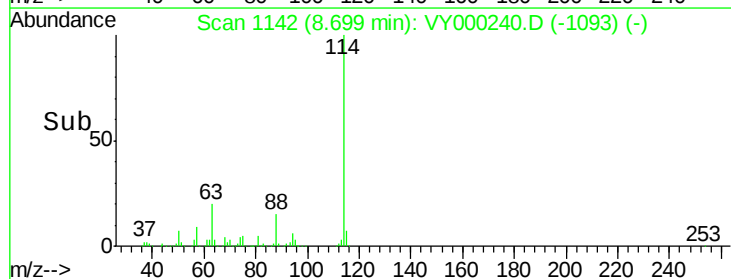
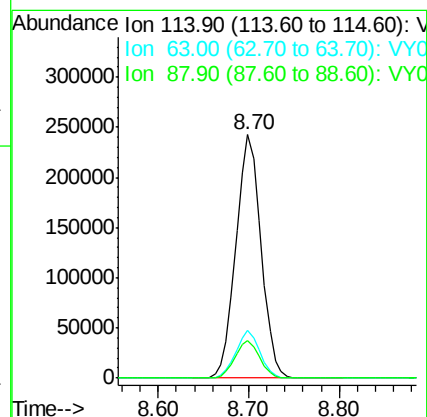
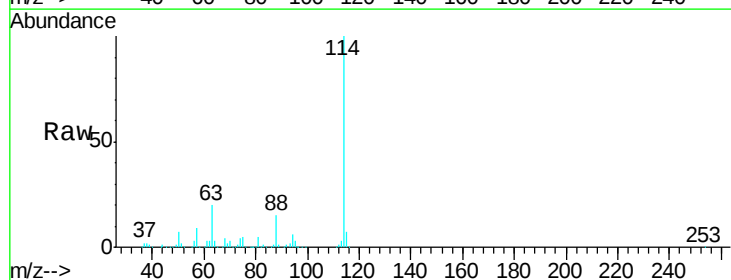
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

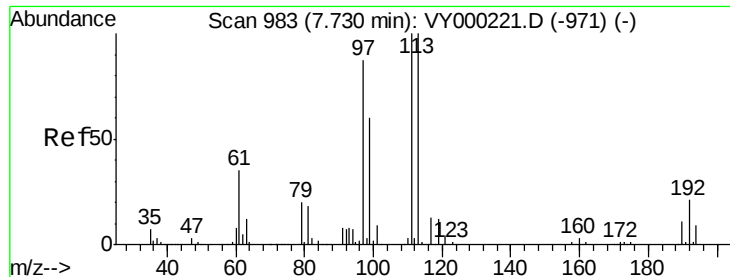
Tgt Ion: 65 Resp: 166920
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 114 Resp: 465064
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.3 0.0 30.6

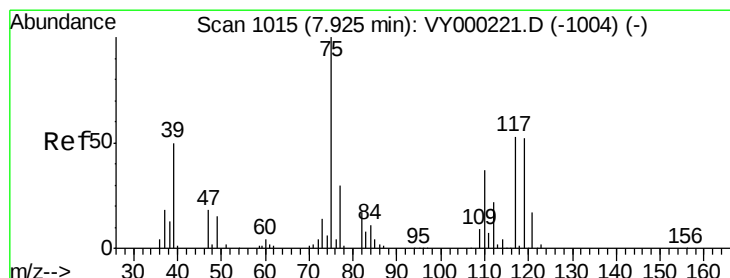
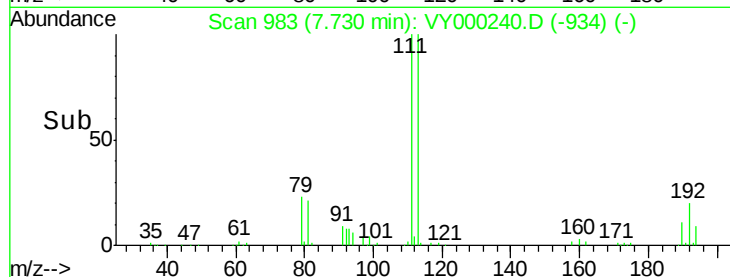
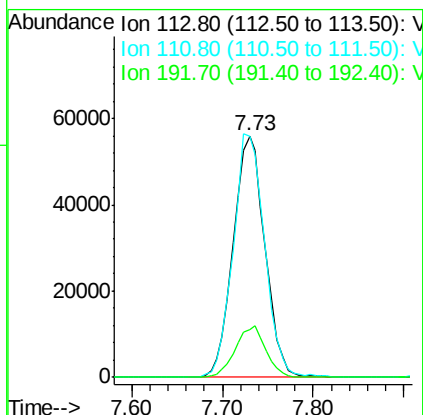
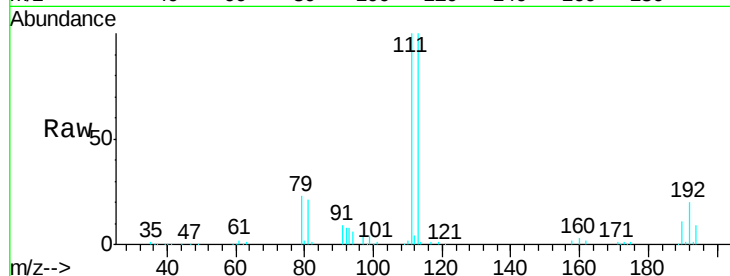




#35
 Dibromofluoromethane
 Concen: 46.813 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

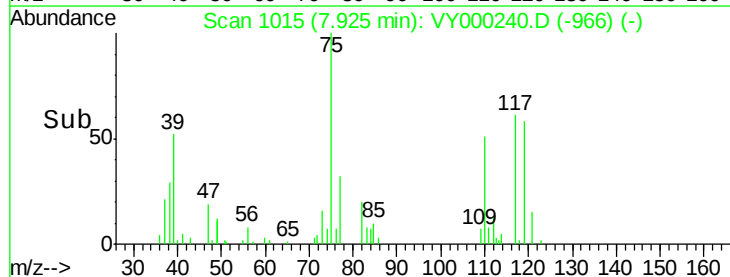
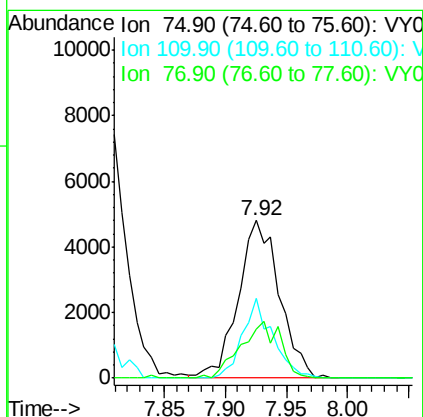
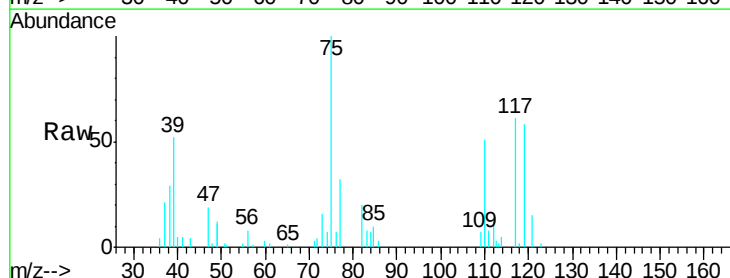
Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

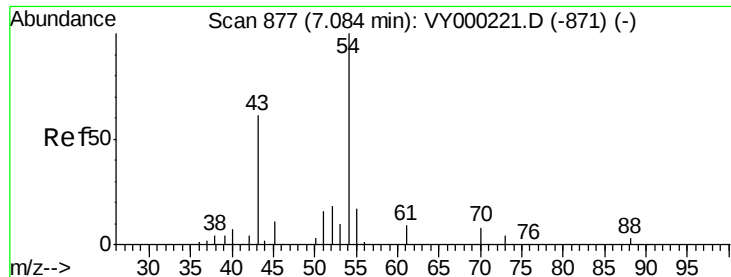
Tgt Ion: 113 Resp: 135650
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.6 124.0
 192 20.5 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 2.381 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 75 Resp: 11268
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.4 55.2
 77 34.7 24.7 37.1





#37

Ethyl Acetate

Concen: 2.213 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

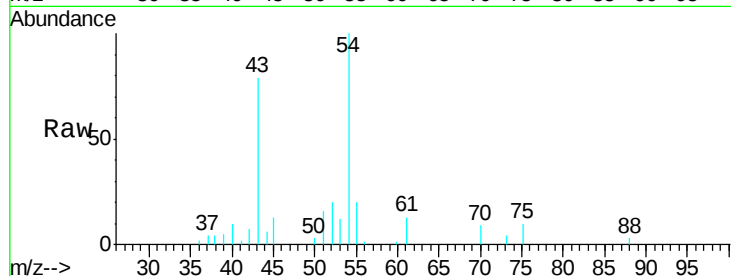
Tgt Ion: 43 Resp: 18934

Ion Ratio Lower Upper

43 100

61 16.4 11.1 16.7

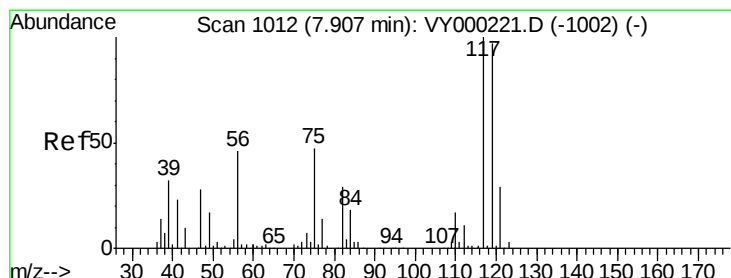
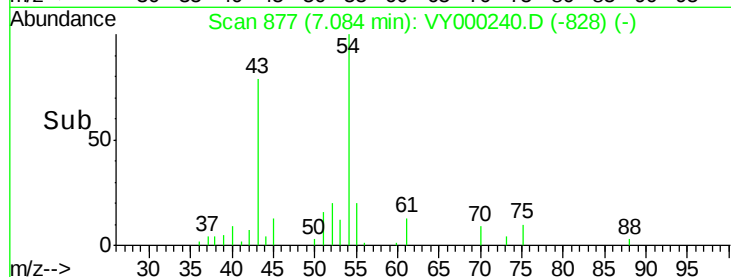
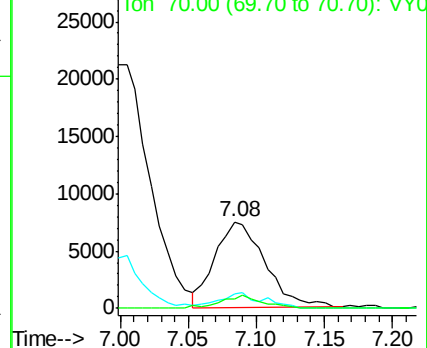
70 12.8 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VY000221.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY000221.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY000221.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 2.422 ug/l

RT: 7.91 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

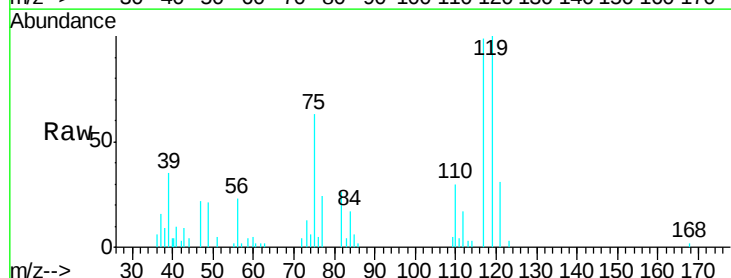
Tgt Ion: 117 Resp: 11170

Ion Ratio Lower Upper

117 100

119 101.2 77.2 115.8

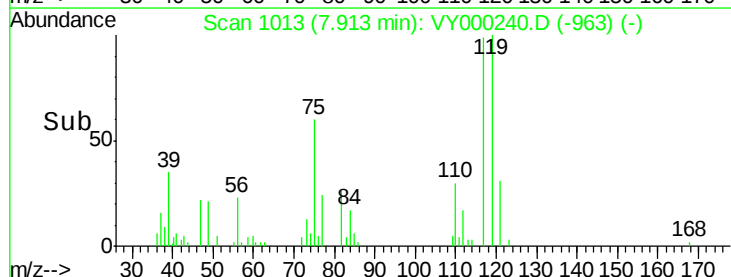
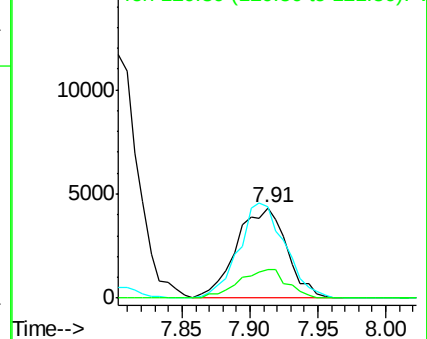
121 31.5 23.1 34.7

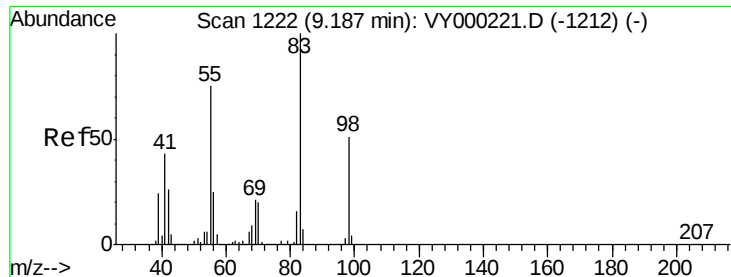


Abundance Ion 116.80 (116.50 to 117.50): VY000221.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000221.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000221.D (-1002) (-)

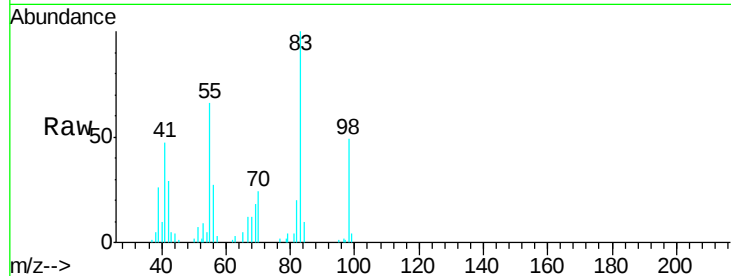




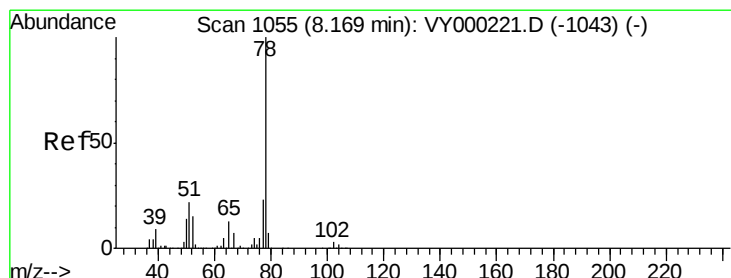
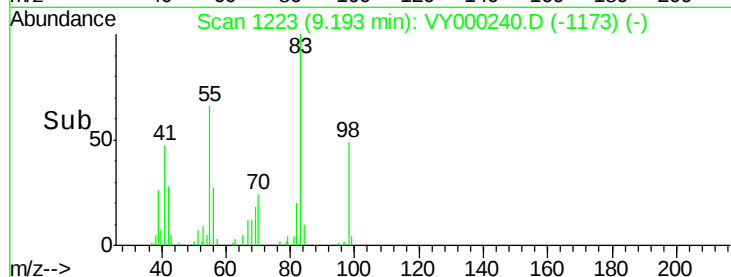
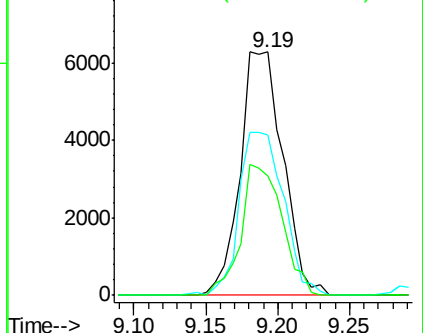
#39
Methylcyclohexane
Concen: 2.186 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

Tgt Ion: 83 Resp: 12976
Ion Ratio Lower Upper
83 100
55 66.1 60.2 90.4
98 49.1 40.5 60.7

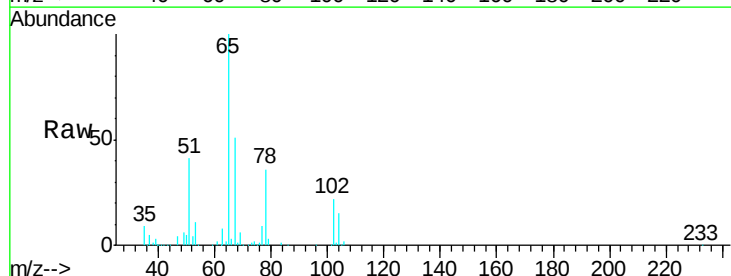


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

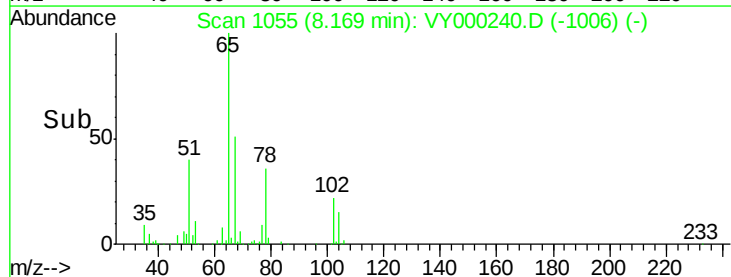
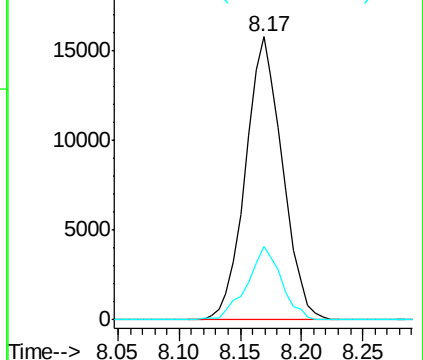


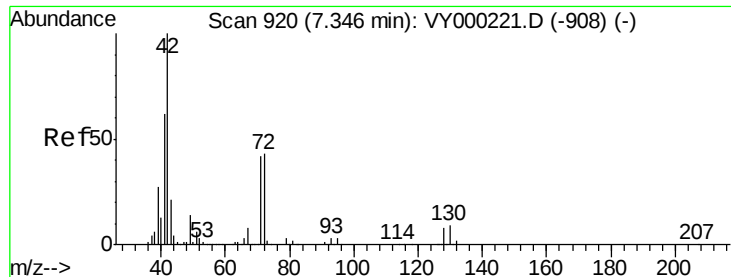
#40
Benzene
Concen: 2.305 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 78 Resp: 33089
Ion Ratio Lower Upper
78 100
77 26.1 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: 4.523 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

Tgt Ion: 41 Resp: 30455

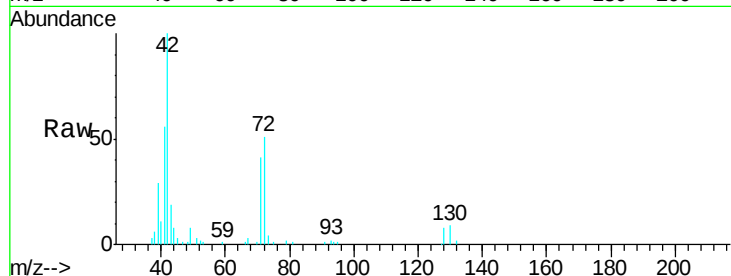
Ion Ratio Lower Upper

41 100

39 50.7 74.7 112.1#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

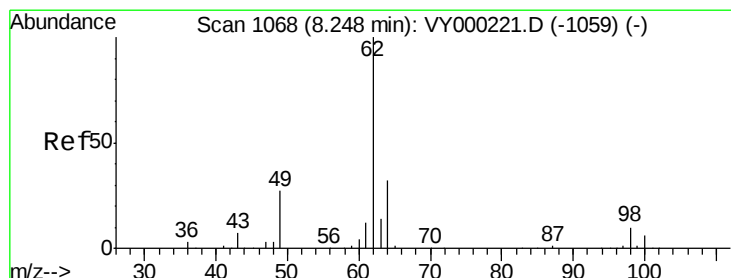
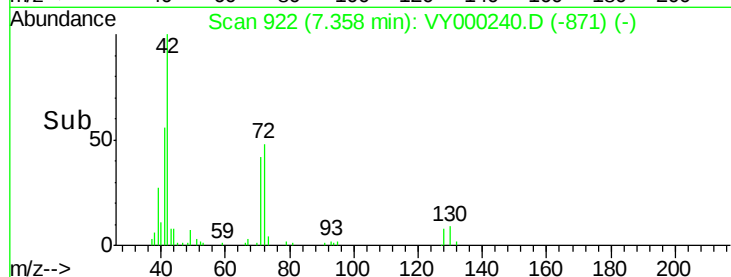
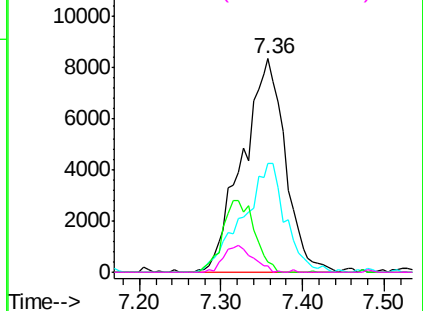


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 2.567 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000240.D

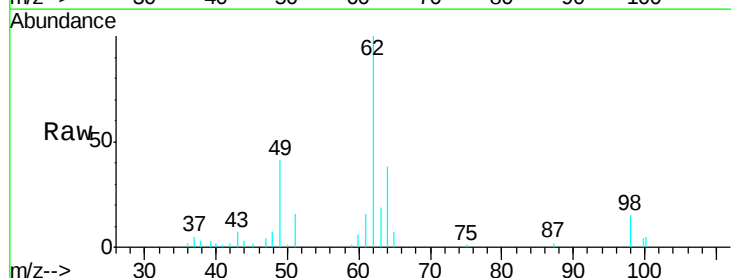
Acq: 09 Oct 2019 14:00

Tgt Ion: 62 Resp: 11967

Ion Ratio Lower Upper

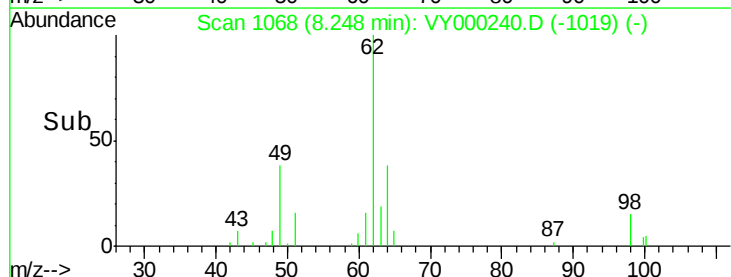
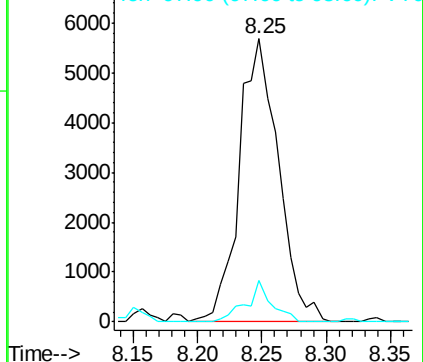
62 100

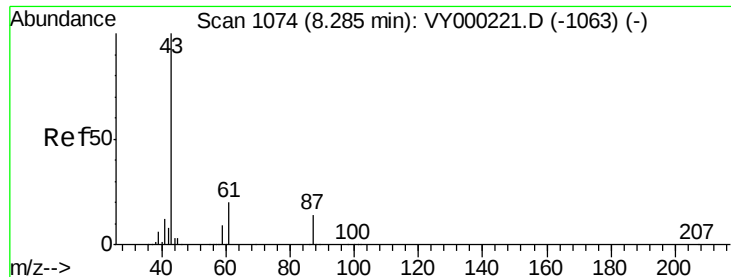
98 9.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 2.289 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

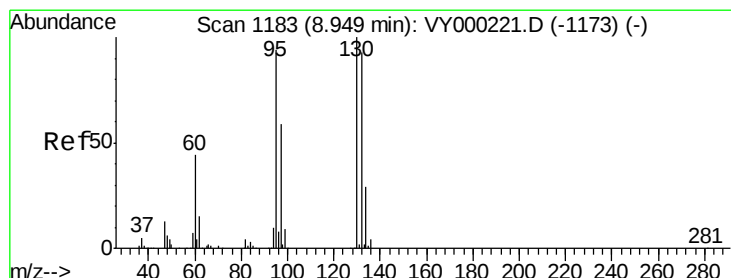
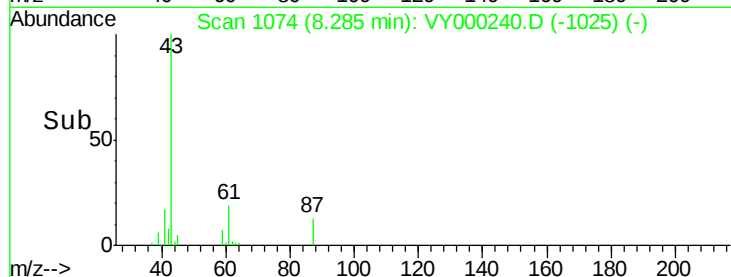
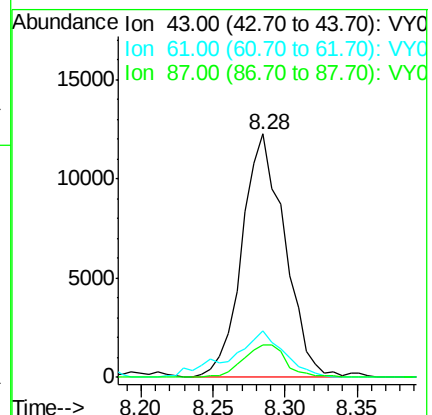
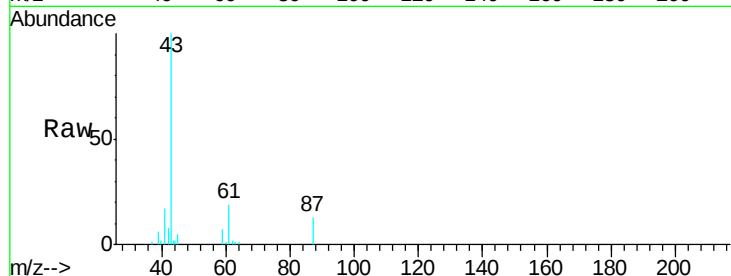
Tgt Ion: 43 Resp: 25203

Ion Ratio Lower Upper

43 100

61 23.9 20.1 30.1

87 13.5 10.6 15.8



#44

Trichloroethene

Concen: 2.531 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000240.D

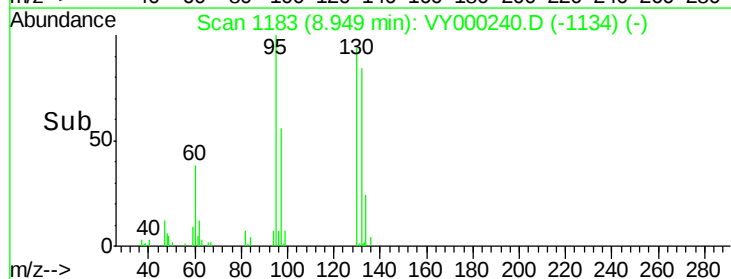
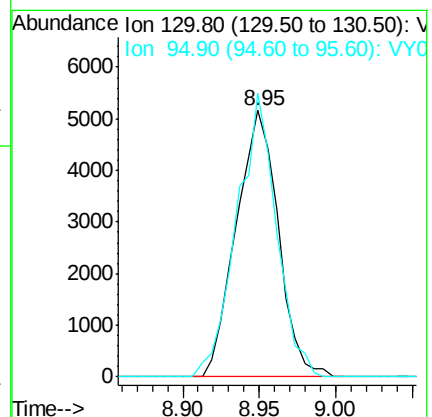
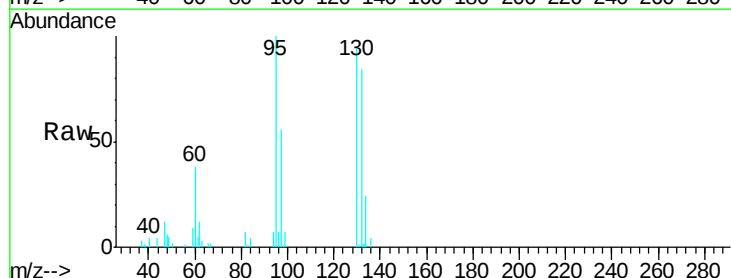
Acq: 09 Oct 2019 14:00

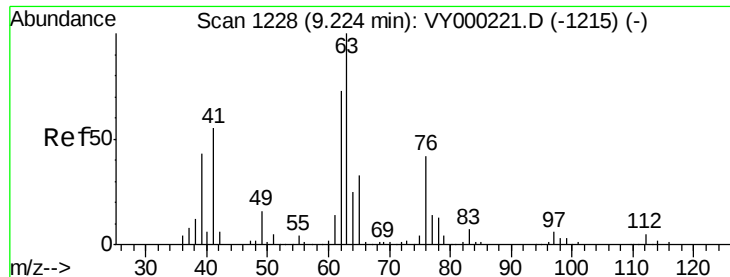
Tgt Ion: 130 Resp: 9852

Ion Ratio Lower Upper

130 100

95 106.2 0.0 189.0

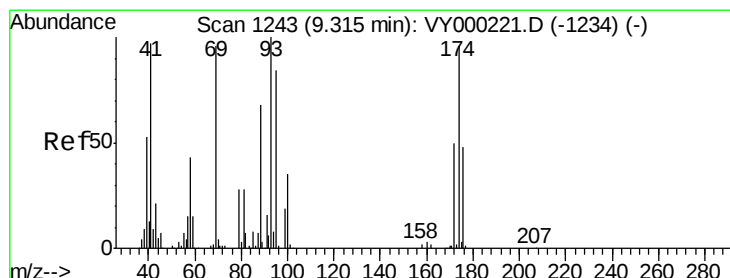
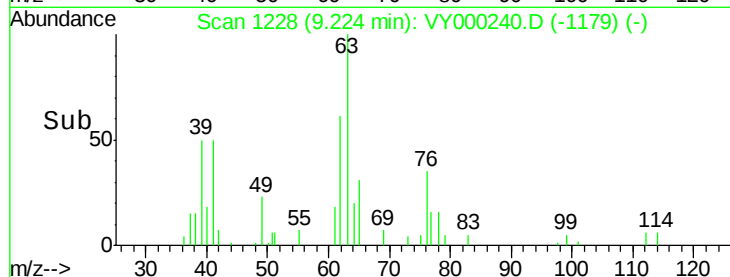
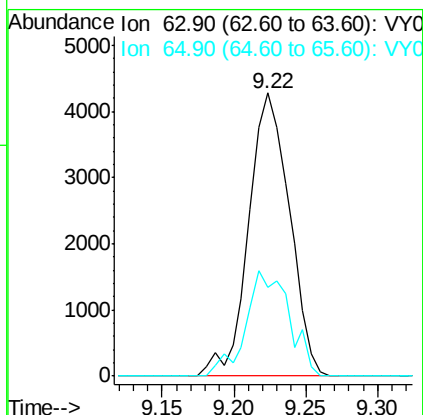
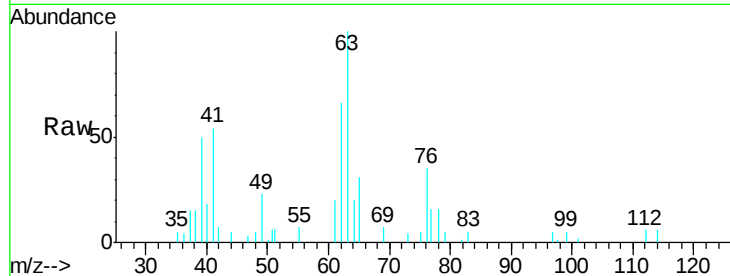




#45
 1,2-Dichloropropane
 Concen: 2.334 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

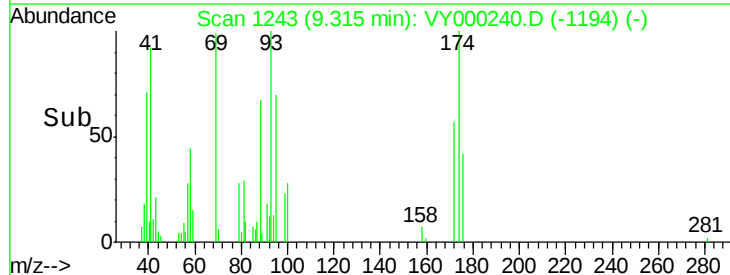
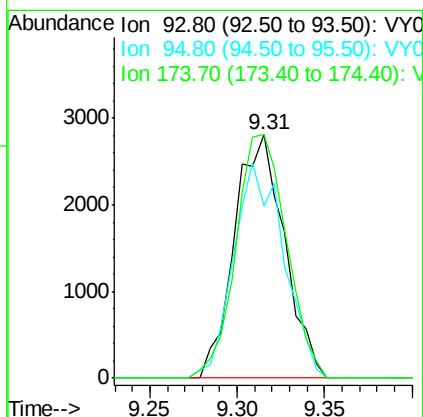
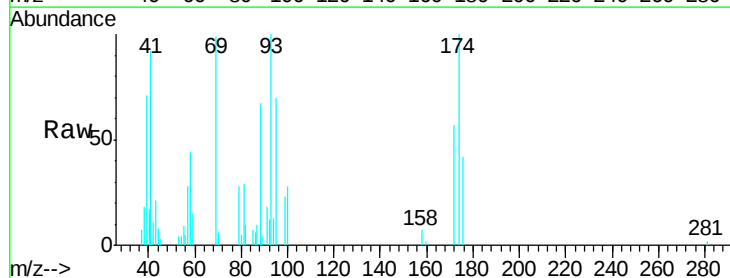
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

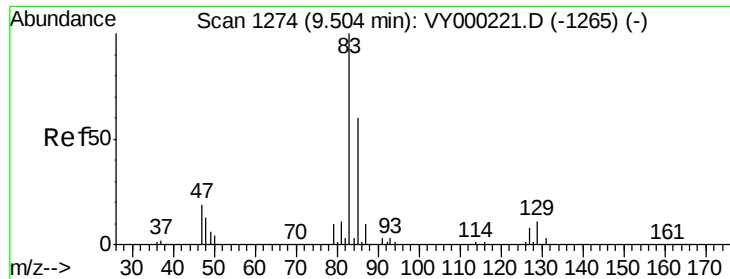
Tgt Ion: 63 Resp: 8391
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.6 39.8



#46
 Dibromomethane
 Concen: 2.212 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 93 Resp: 5575
 Ion Ratio Lower Upper
 93 100
 95 89.1 67.0 100.6
 174 101.4 77.5 116.3





#47

Bromodichloromethane

Concen: 2.244 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

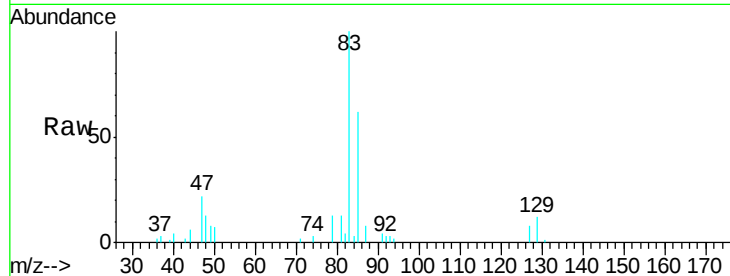
Tgt Ion: 83 Resp: 11062

Ion Ratio Lower Upper

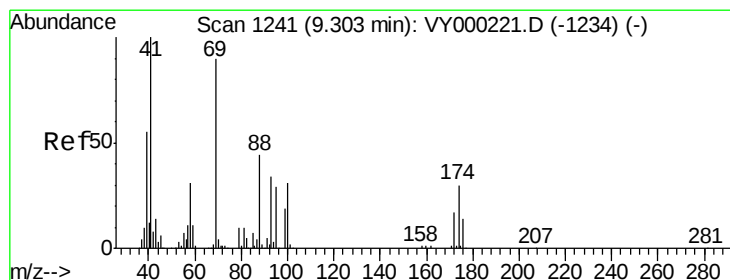
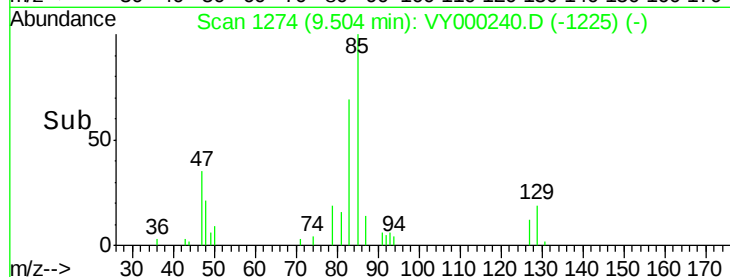
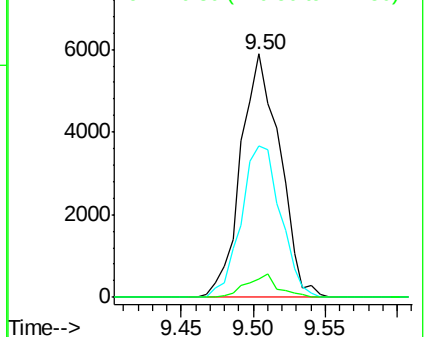
83 100

85 62.3 48.0 72.0

127 7.6 6.5 9.7



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



#48

Methyl methacrylate

Concen: 2.103 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

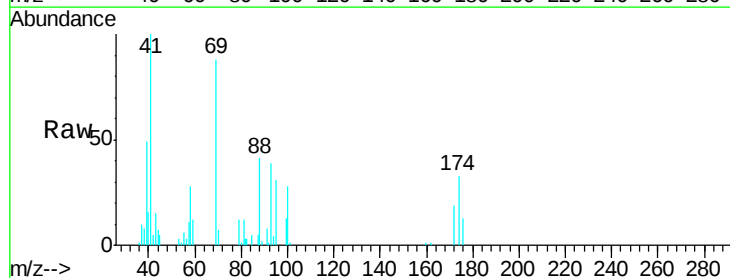
Tgt Ion: 41 Resp: 10451

Ion Ratio Lower Upper

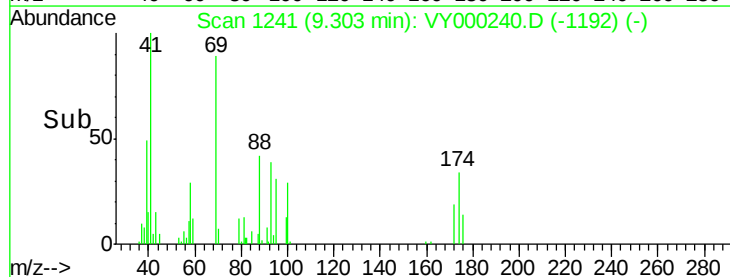
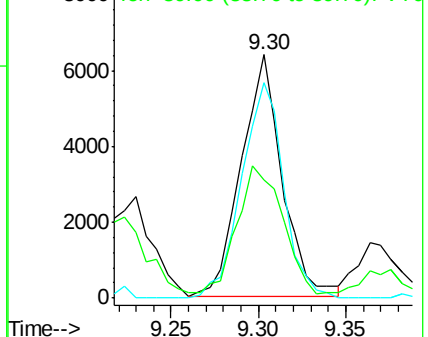
41 100

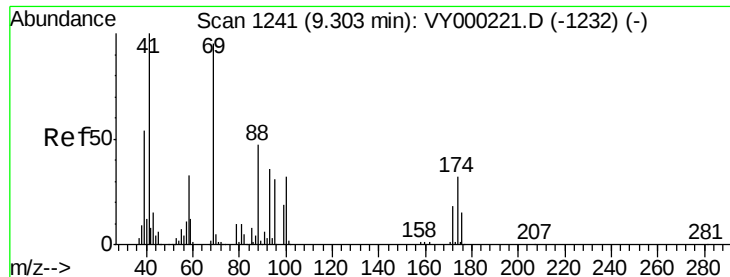
69 91.2 70.3 105.5

39 63.7 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: 45.398 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

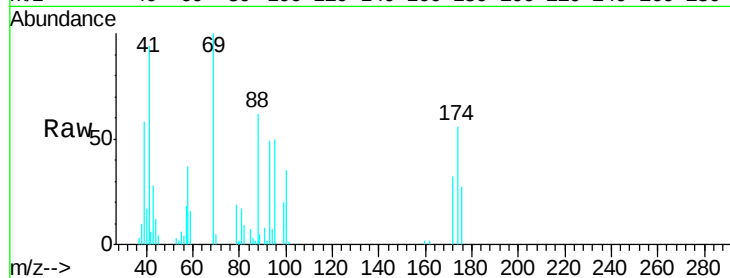
Tgt Ion: 88 Resp: 5792

Ion Ratio Lower Upper

88 100

43 34.5 24.5 36.7

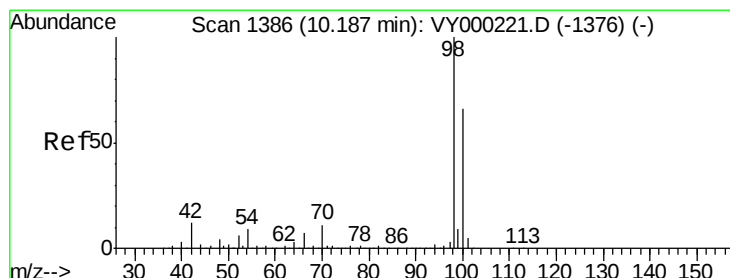
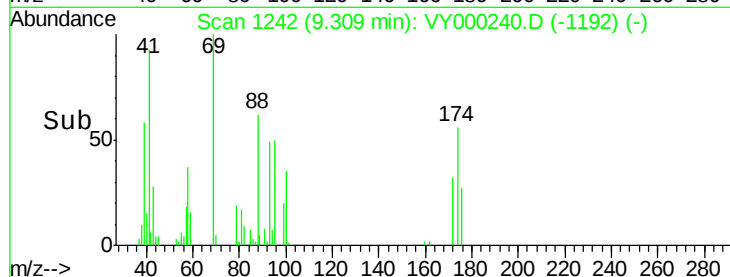
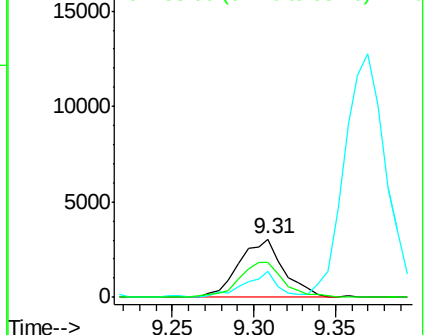
58 60.4 54.2 81.2



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: 45.400 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000240.D

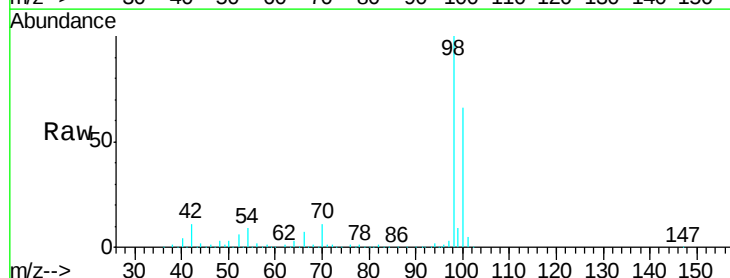
Acq: 09 Oct 2019 14:00

Tgt Ion: 98 Resp: 516770

Ion Ratio Lower Upper

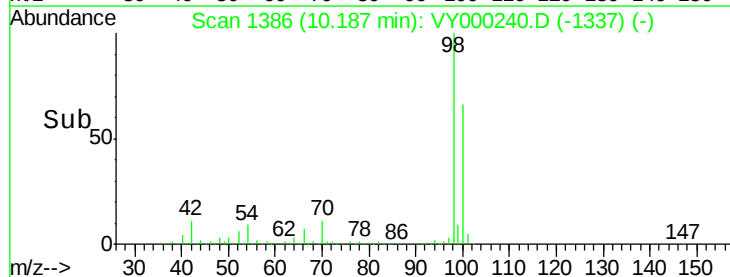
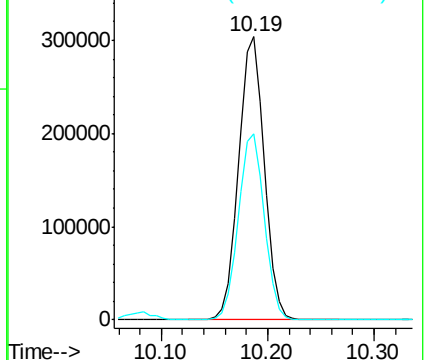
98 100

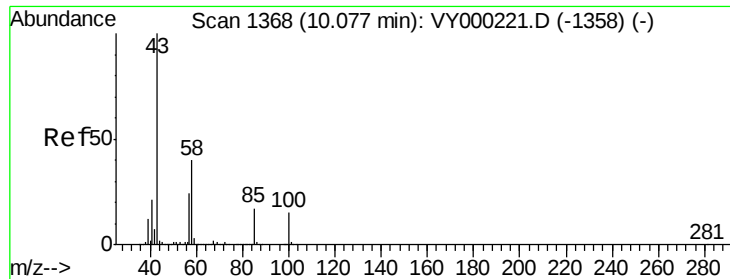
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 11.296 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

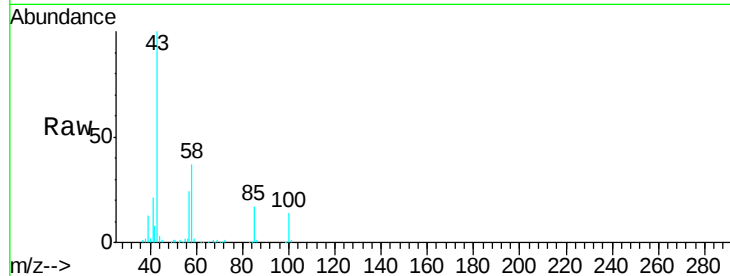
2.5PPBMDL

Tgt Ion: 43 Resp: 93479

Ion Ratio Lower Upper

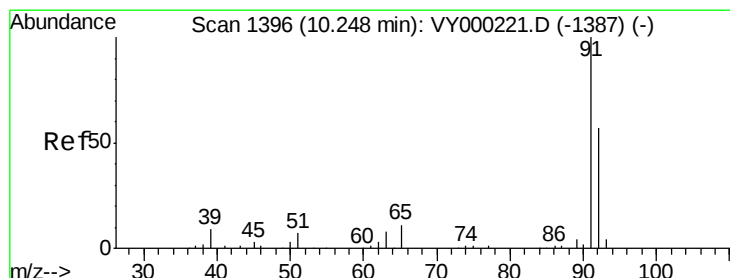
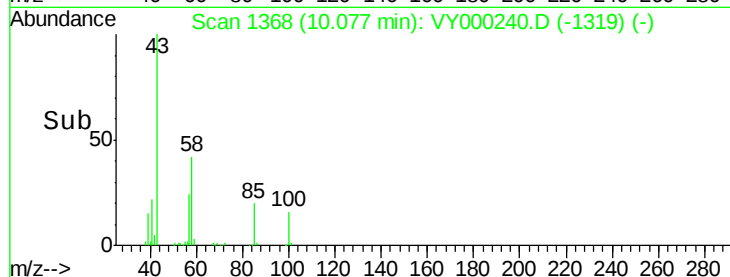
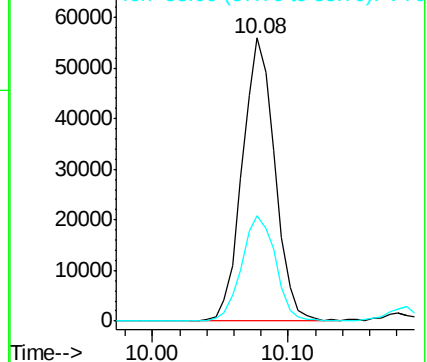
43 100

58 38.8 31.7 47.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 2.156 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000240.D

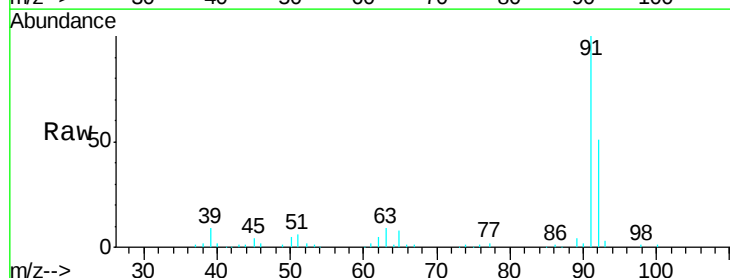
Acq: 09 Oct 2019 14:00

Tgt Ion: 92 Resp: 19851

Ion Ratio Lower Upper

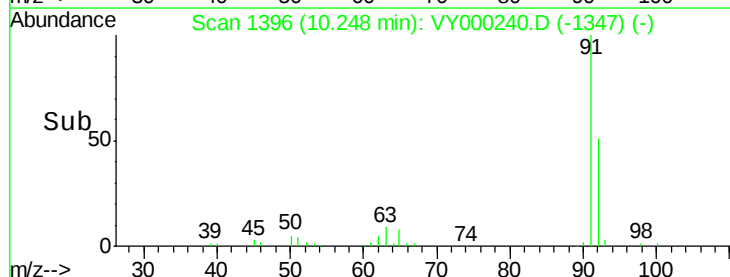
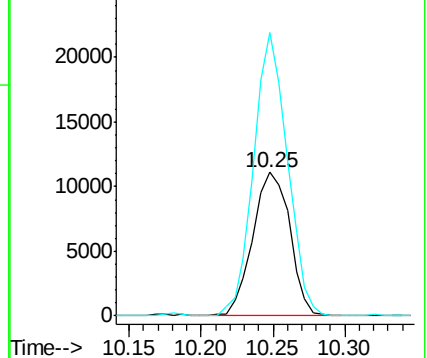
92 100

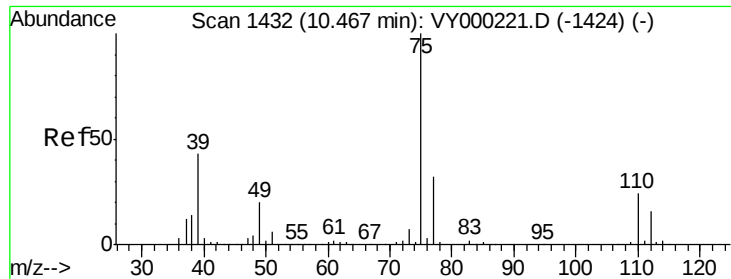
91 178.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 2.077 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

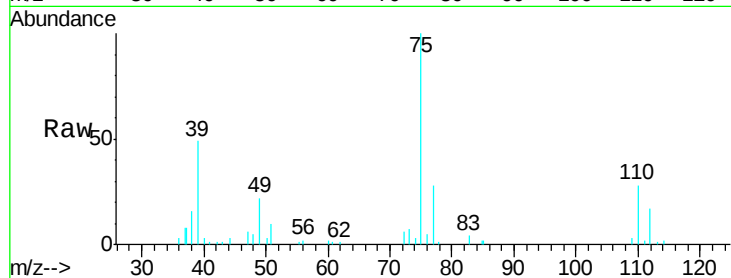
2.5PPBMDL

Tgt Ion: 75 Resp: 11619

Ion Ratio Lower Upper

75 100

77 28.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

8000

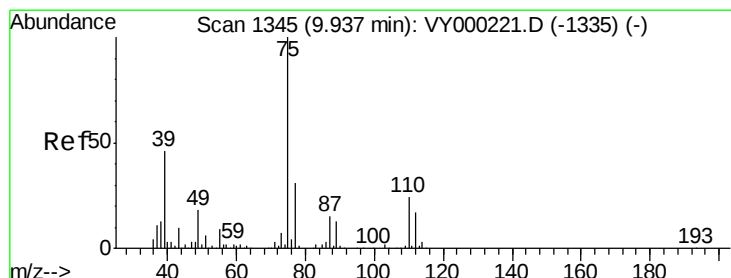
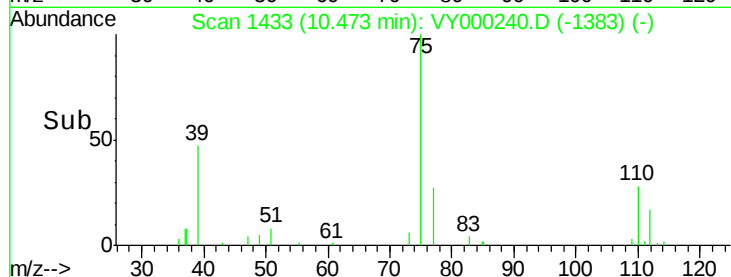
6000

4000

2000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.142 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

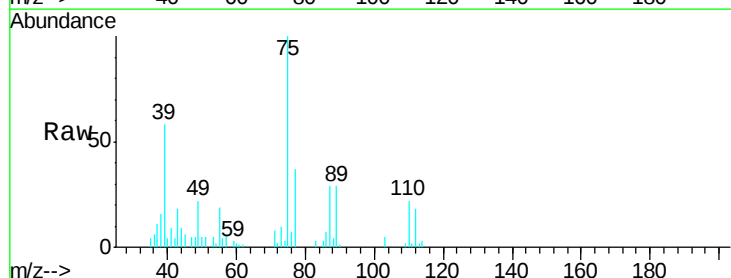
Tgt Ion: 75 Resp: 12965

Ion Ratio Lower Upper

75 100

77 37.4 25.0 37.4

39 58.0 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

9.94

8000

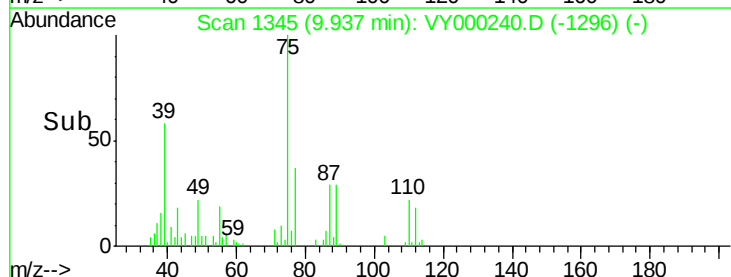
6000

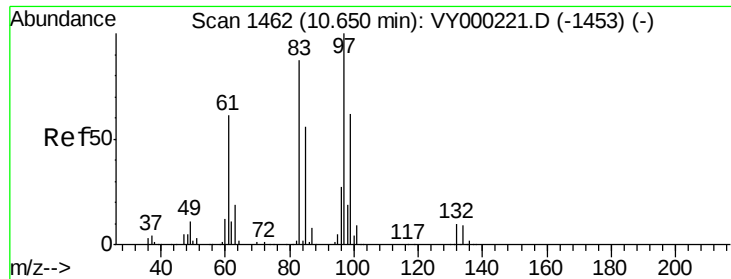
4000

2000

0

Time-->

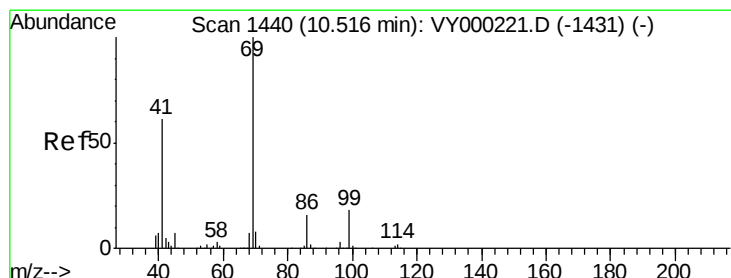
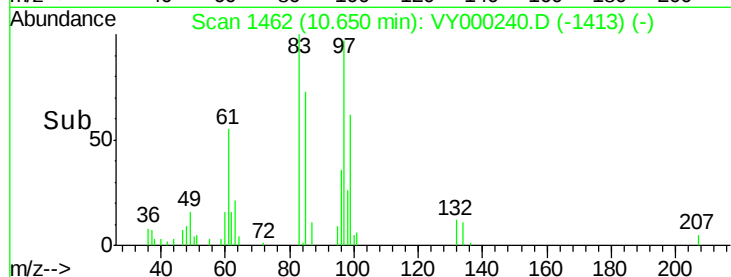
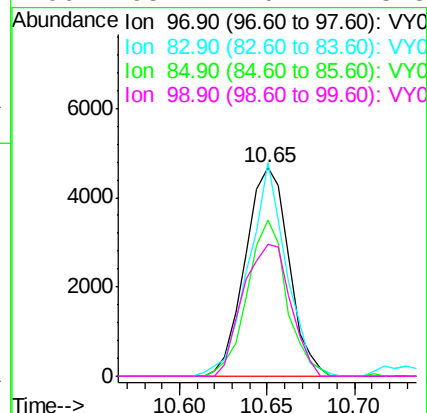
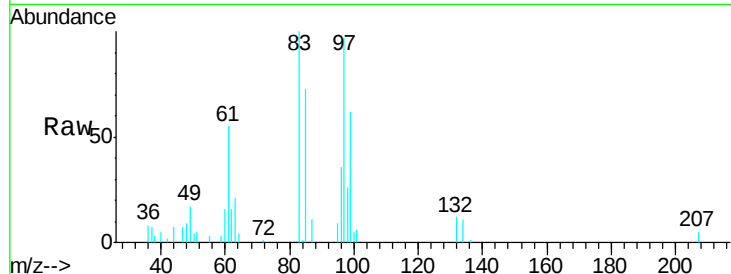




#55
 1,1,2-Trichloroethane
 Concen: 2.233 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

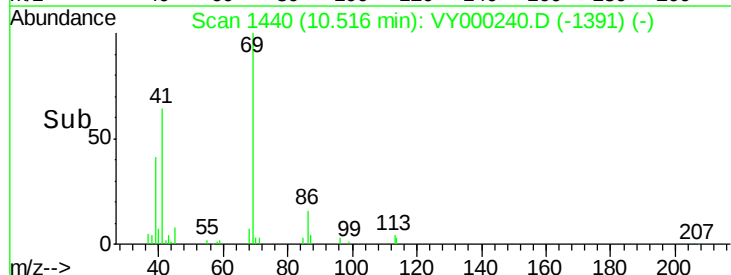
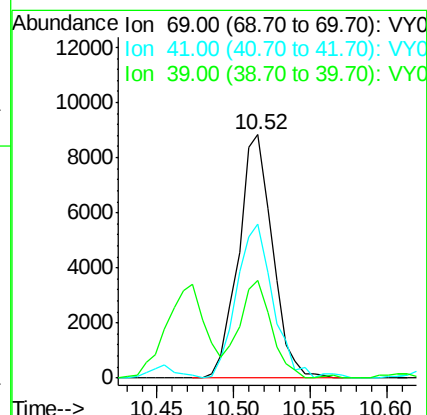
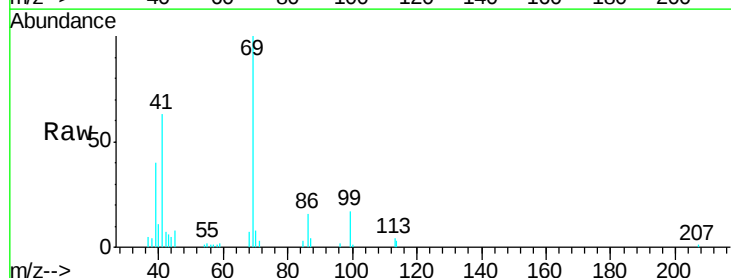
Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

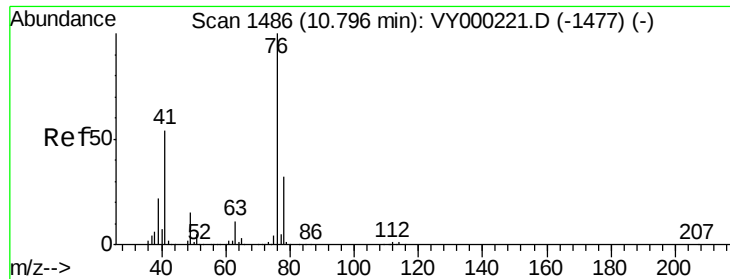
Tgt Ion: 97 Resp: 8107
 Ion Ratio Lower Upper
 97 100
 83 102.6 69.4 104.0
 85 75.3 44.6 66.8#
 99 63.2 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 2.138 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 69 Resp: 13663
 Ion Ratio Lower Upper
 69 100
 41 67.5 51.2 76.8
 39 37.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 2.180 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

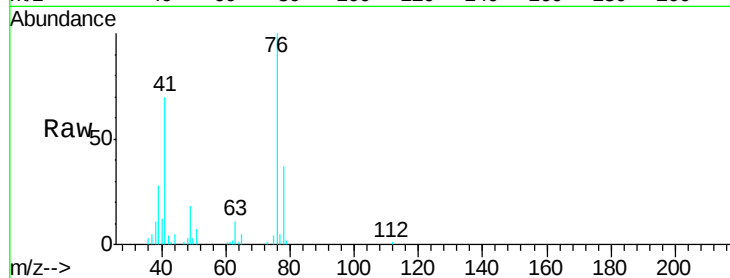
2.5PPBMDL

Tgt Ion: 76 Resp: 13510

Ion Ratio Lower Upper

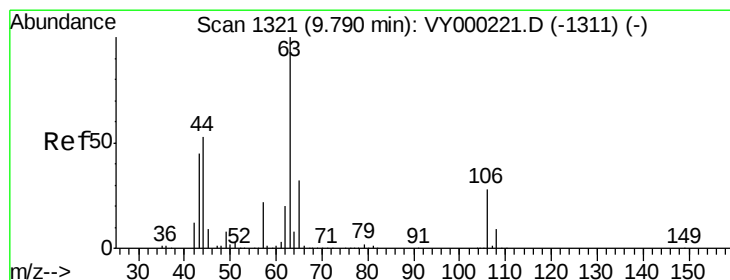
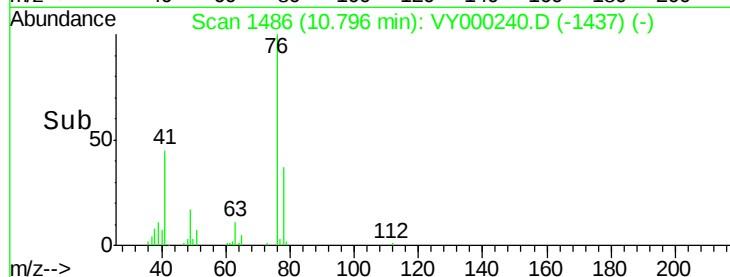
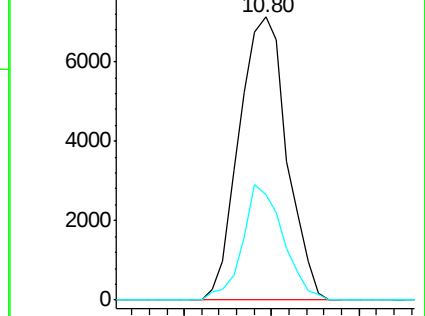
76 100

78 34.7 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: 11.209 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000240.D

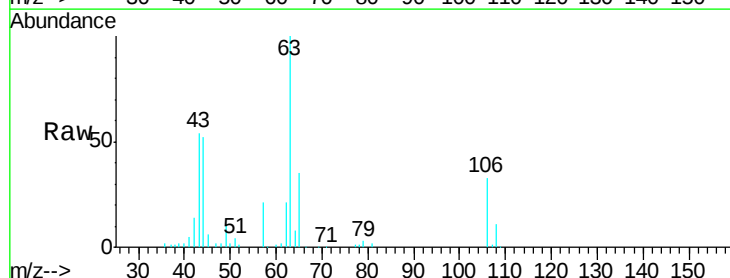
Acq: 09 Oct 2019 14:00

Tgt Ion: 63 Resp: 31934

Ion Ratio Lower Upper

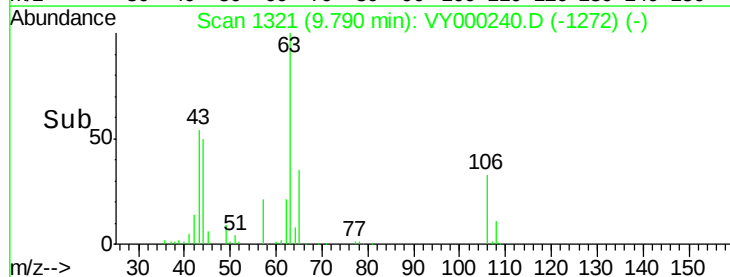
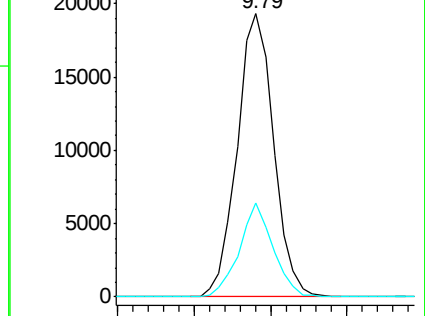
63 100

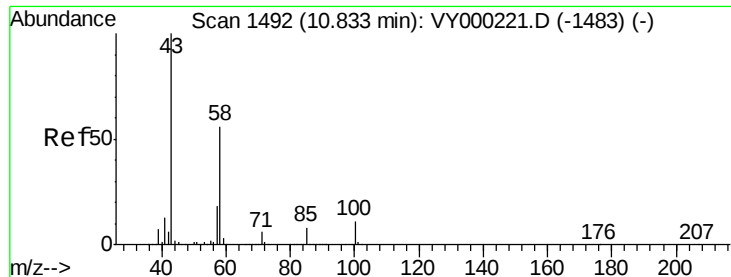
106 30.5 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

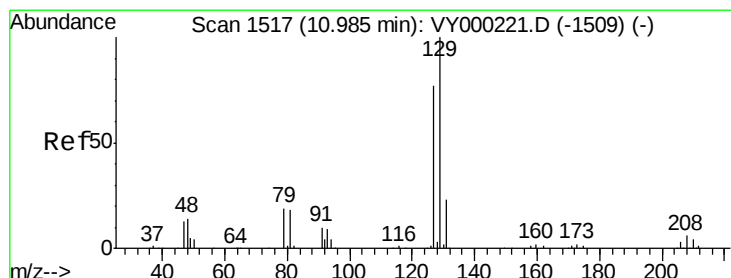
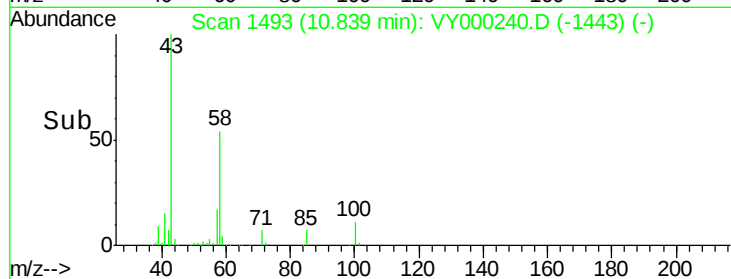
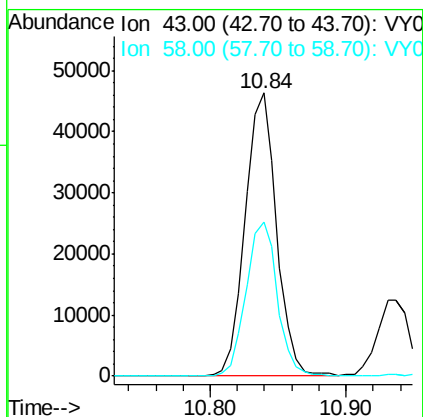
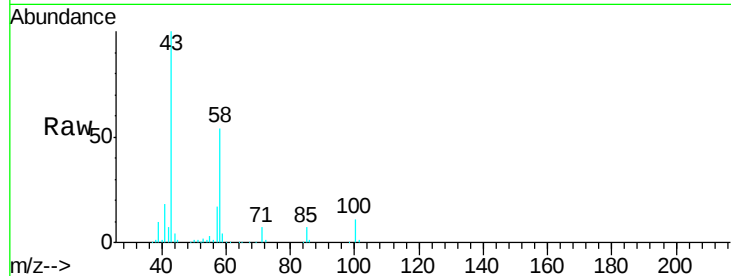




#59
2-Hexanone
Concen: 3.476 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

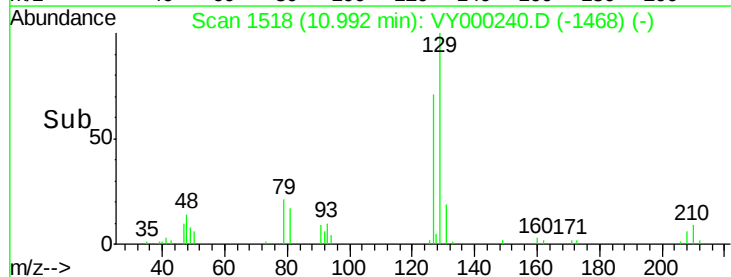
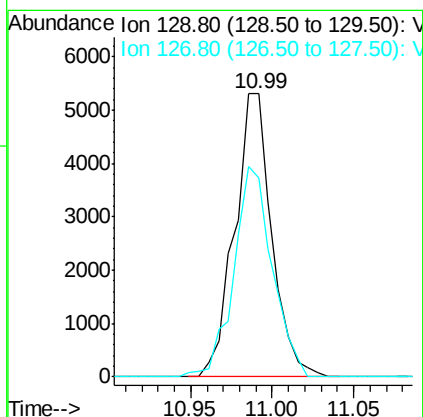
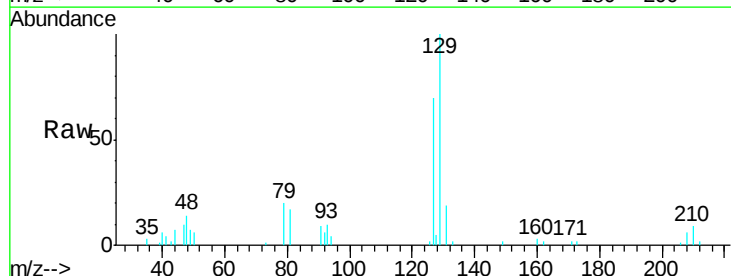
Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

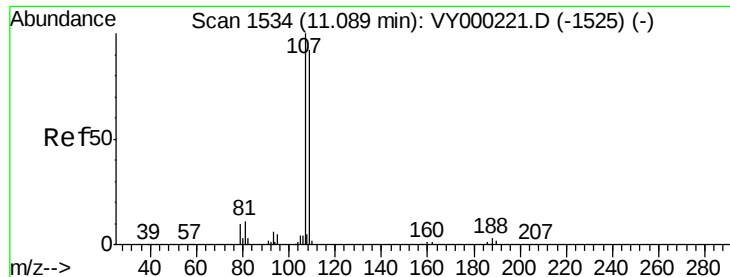
Tgt Ion: 43 Resp: 75170
Ion Ratio Lower Upper
43 100
58 54.0 28.2 84.6



#60
Dibromochloromethane
Concen: 2.194 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 129 Resp: 8421
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

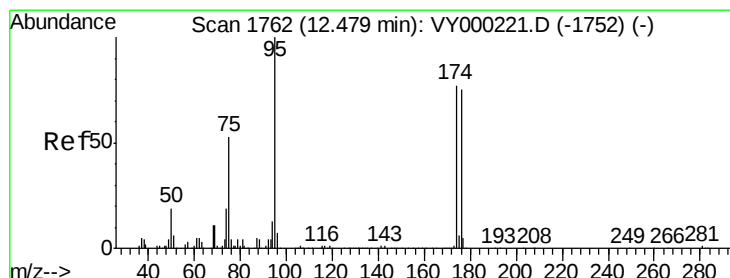
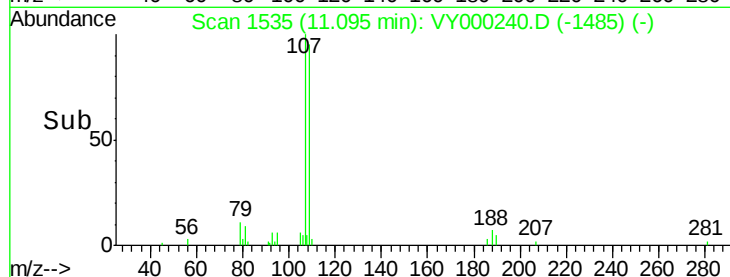
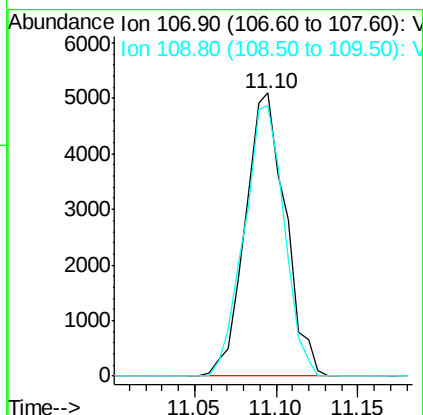
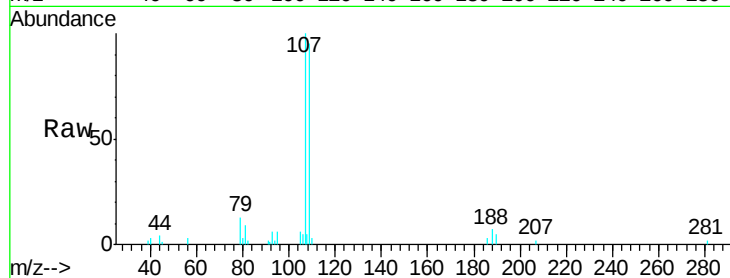




#61
 1,2-Dibromoethane
 Concen: 2.272 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

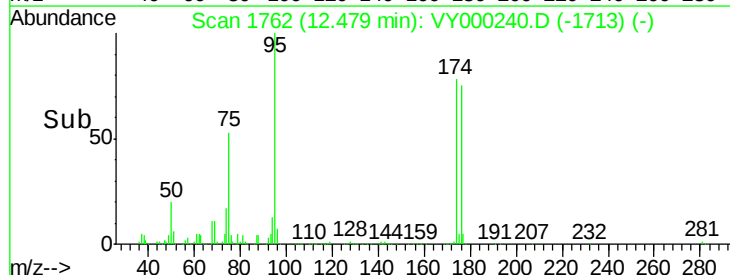
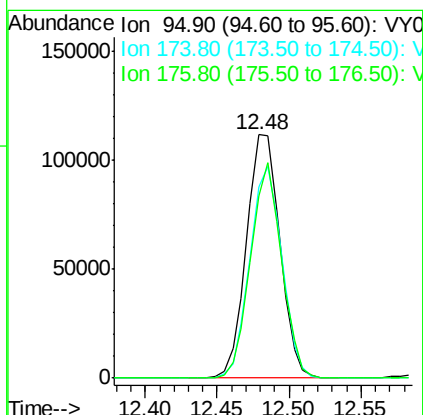
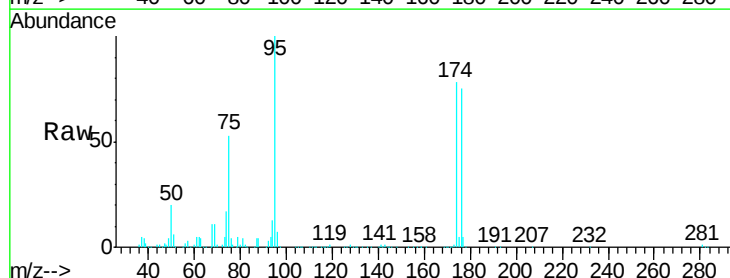
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

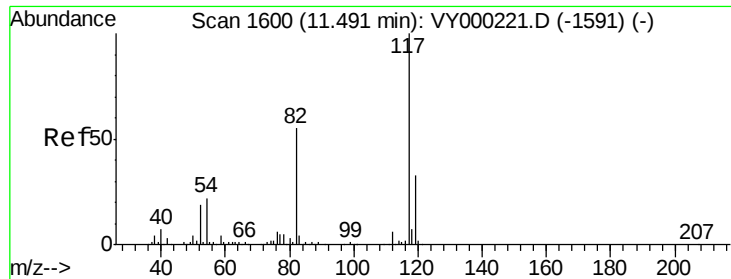
Tgt Ion: 107 Resp: 8760
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 44.595 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 95 Resp: 179154
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 157.0
 176 81.8 0.0 153.0

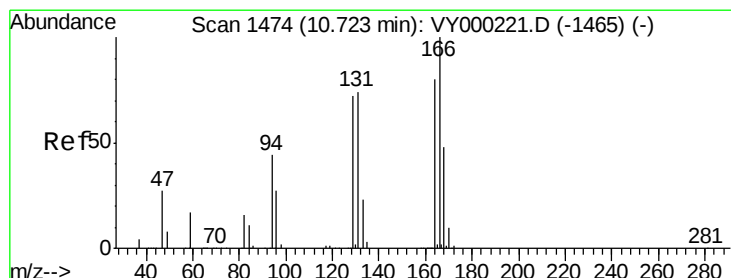
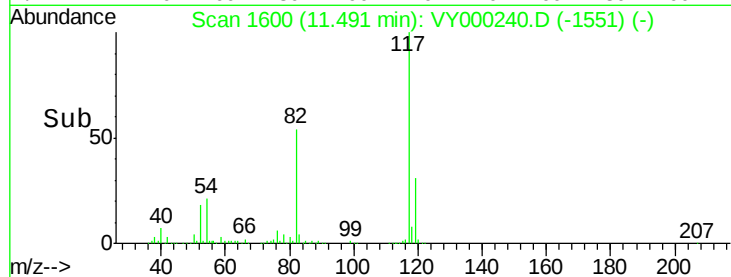
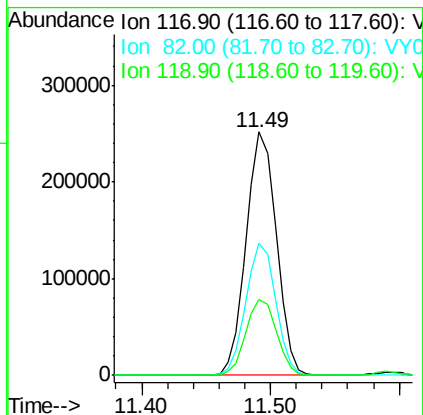
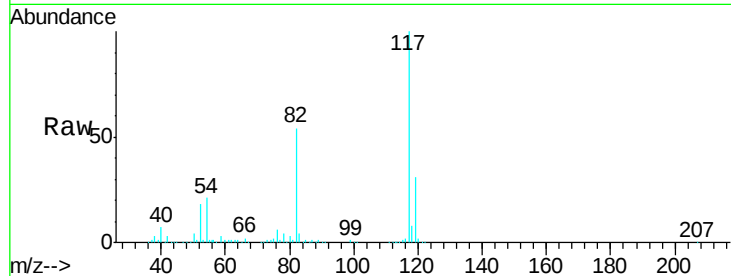




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

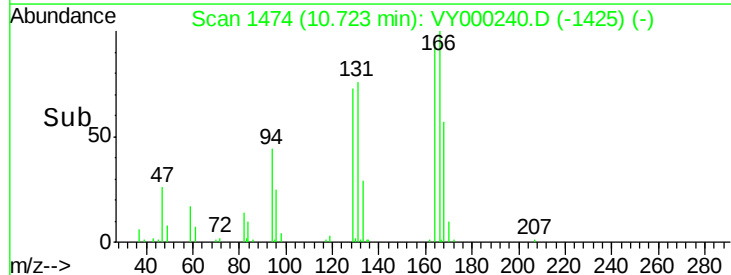
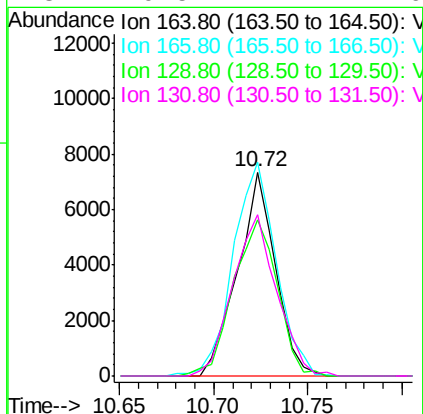
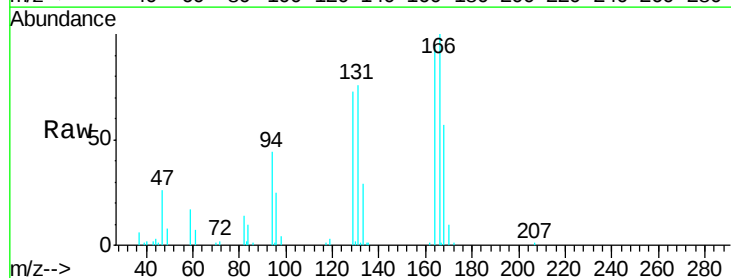
Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

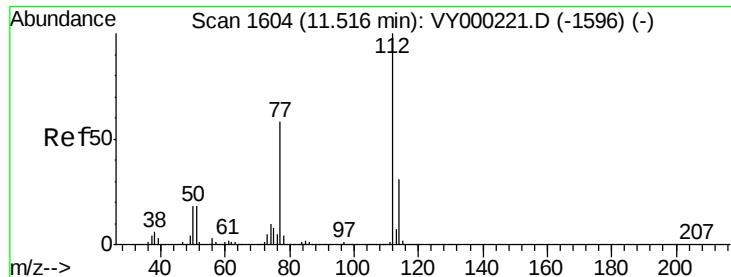
Tgt Ion:117 Resp: 407737
Ion Ratio Lower Upper
117 100
82 54.1 44.4 66.6
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 2.738 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion:164 Resp: 10205
Ion Ratio Lower Upper
164 100
166 104.9 100.3 150.5
129 76.9 72.4 108.6
131 79.5 74.4 111.6

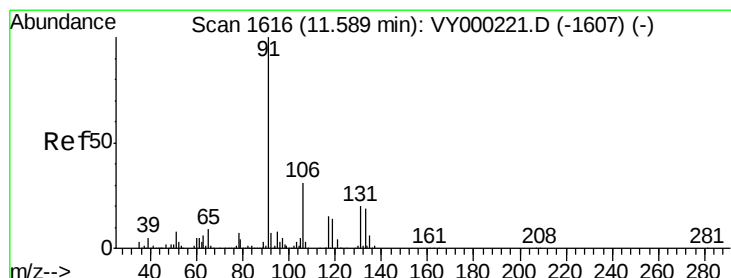
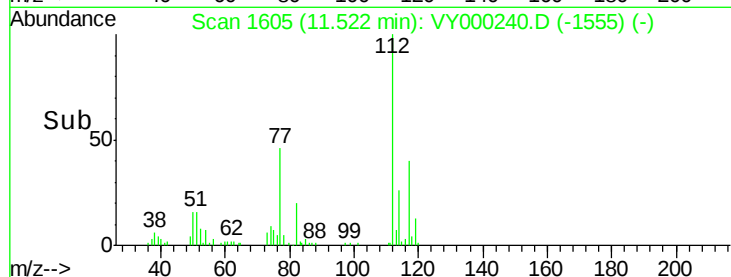
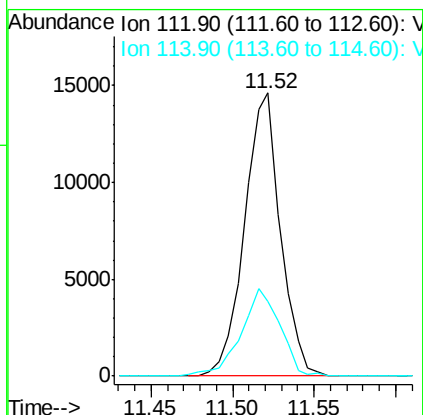
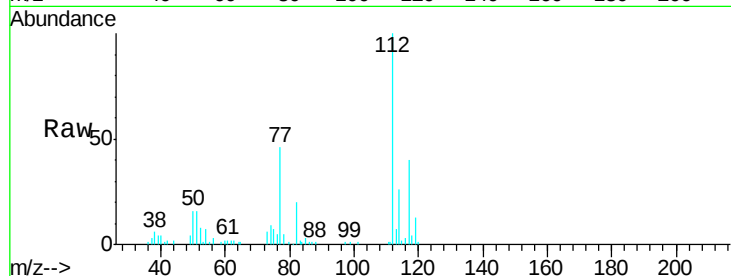




#65
Chlorobenzene
Concen: 2.374 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

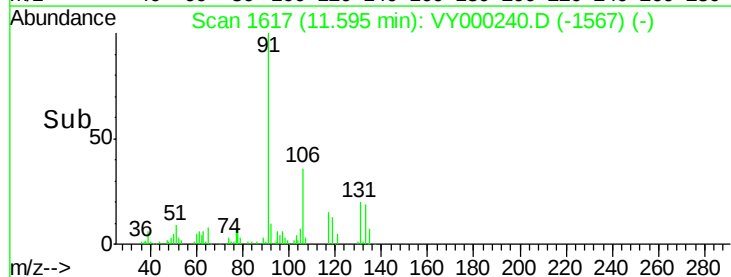
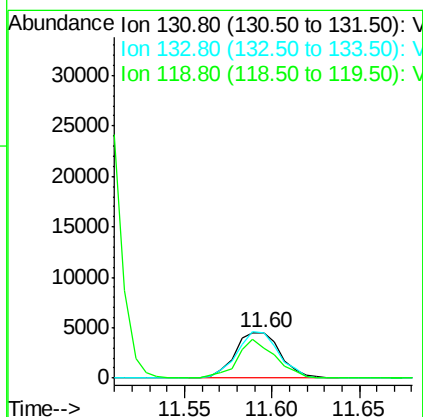
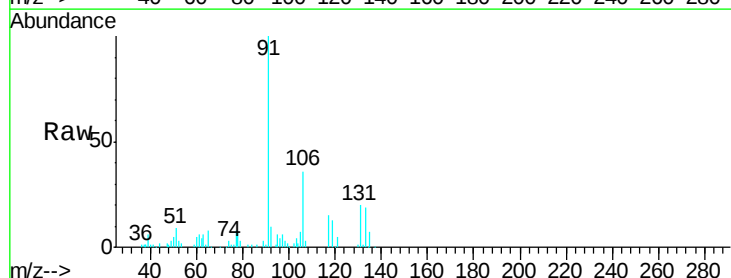
Instrument :
MSVOA_Y
ClientSampleId :
2.5PPBMDL

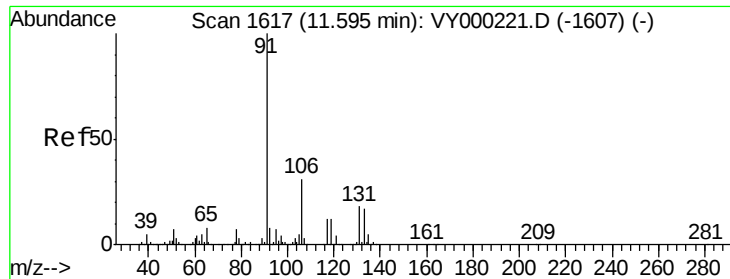
Tgt Ion:112 Resp: 22433
Ion Ratio Lower Upper
112 100
114 26.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.403 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion:131 Resp: 8116
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.2
119 70.7 33.3 99.8





#67

Ethyl Benzene

Concen: 2.317 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

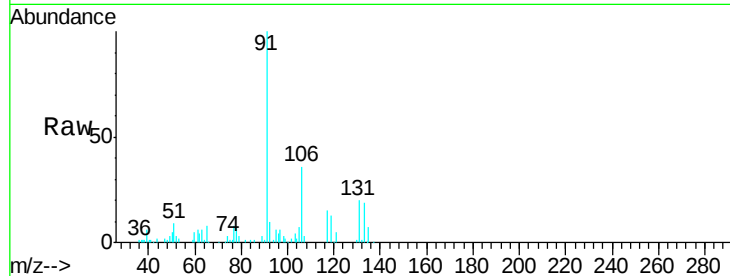
2.5PPBMDL

Tgt Ion: 91 Resp: 39132

Ion Ratio Lower Upper

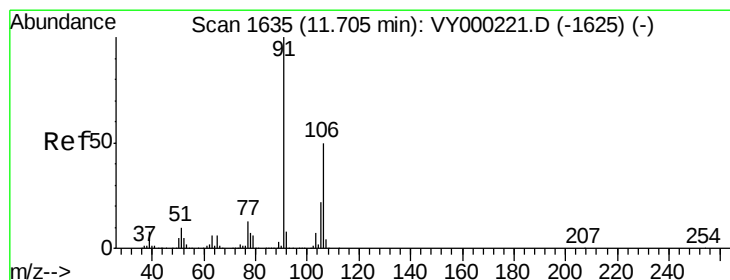
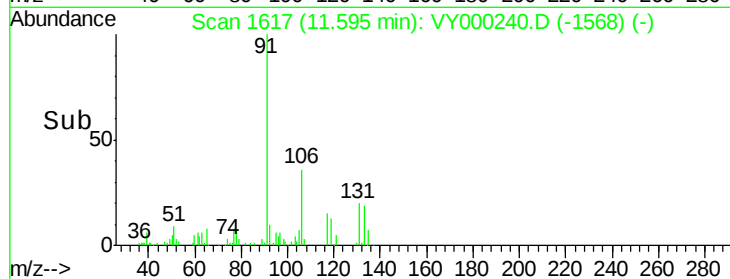
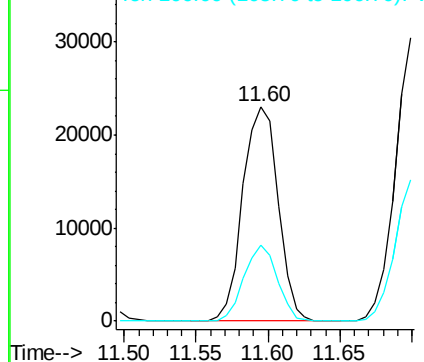
91 100

106 35.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 4.785 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000240.D

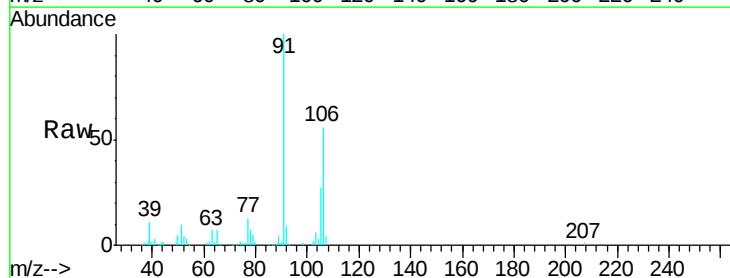
Acq: 09 Oct 2019 14:00

Tgt Ion: 106 Resp: 30840

Ion Ratio Lower Upper

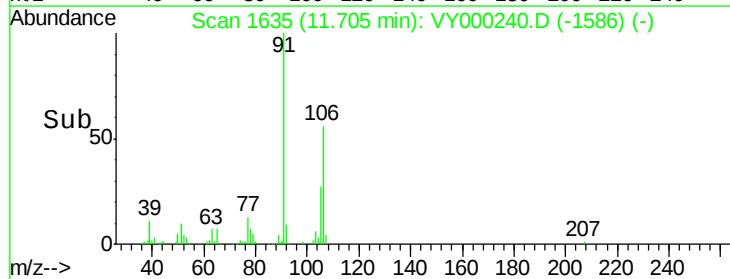
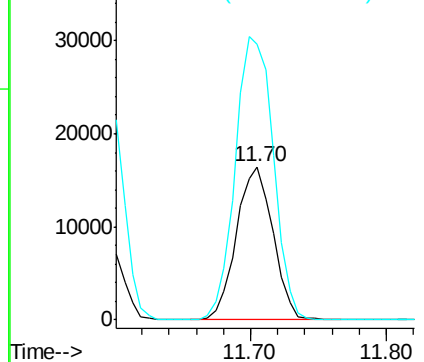
106 100

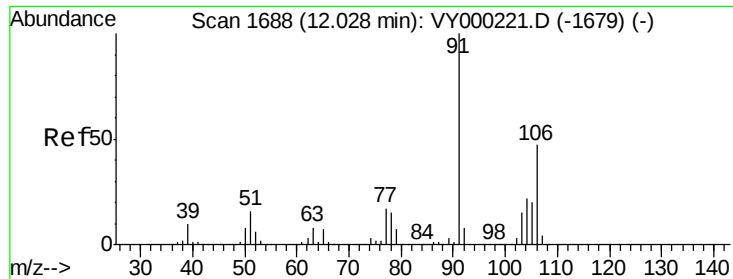
91 192.7 159.9 239.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

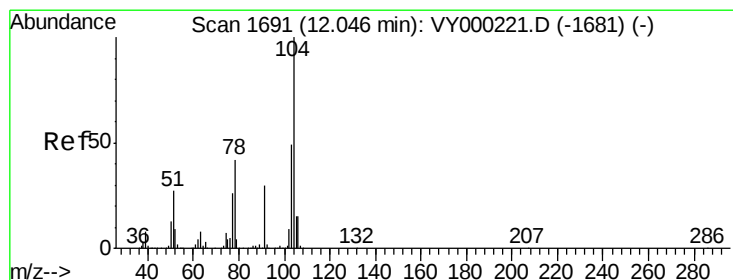
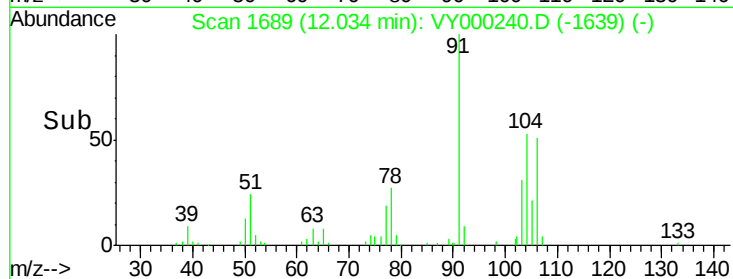
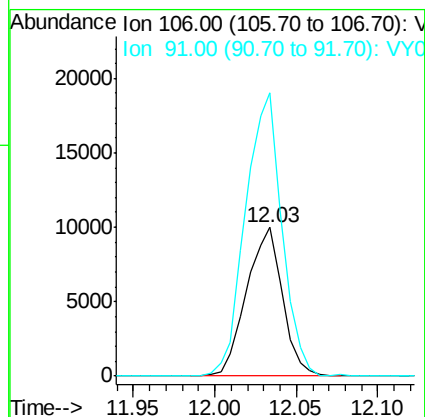
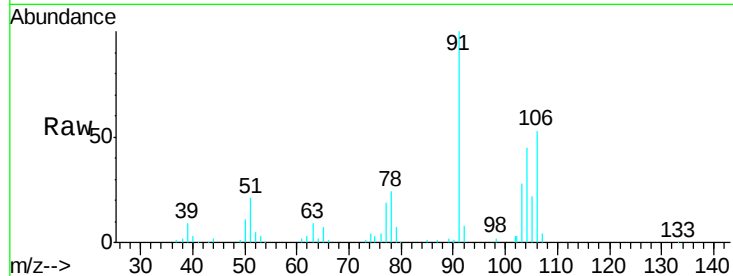




#69
o-Xylene
Concen: 2.471 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

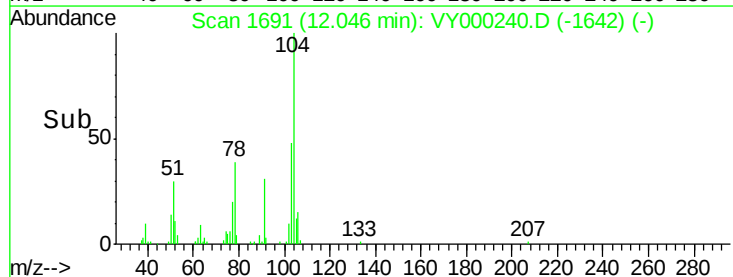
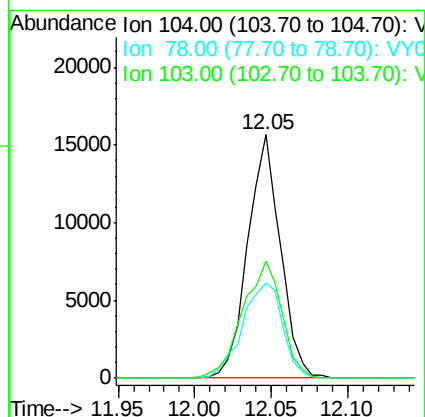
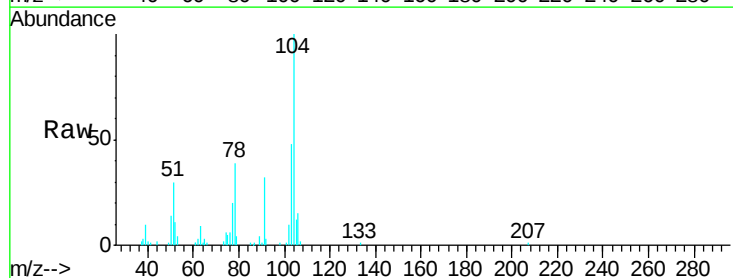
Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

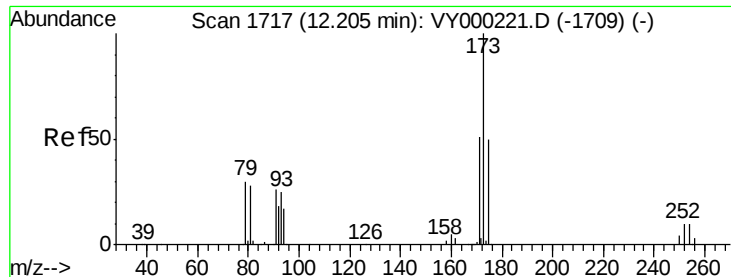
Tgt Ion:106 Resp: 15345
Ion Ratio Lower Upper
106 100
91 193.0 106.1 318.1



#70
Styrene
Concen: 2.168 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion:104 Resp: 23187
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 57.5 43.1 64.7





#71

Bromoform

Concen: 2.351 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

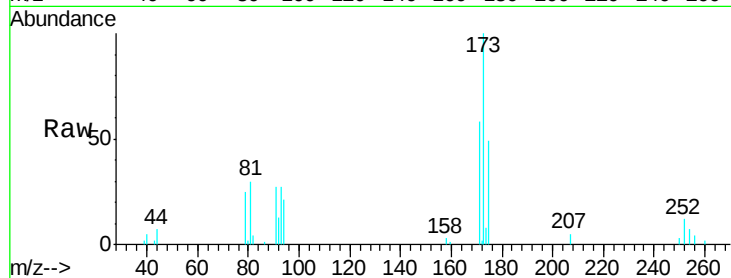
Tgt Ion:173 Resp: 6554

Ion Ratio Lower Upper

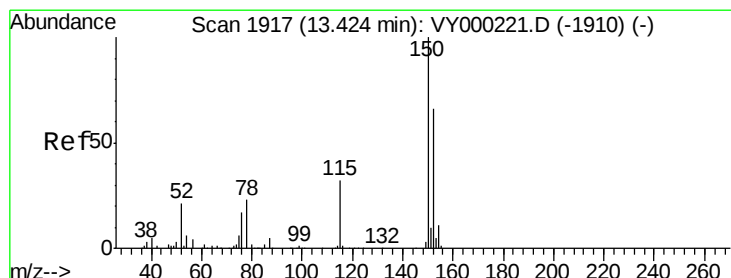
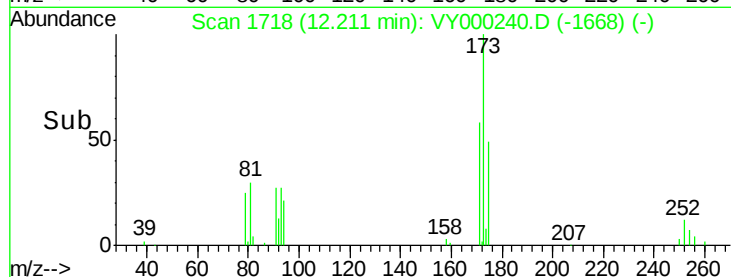
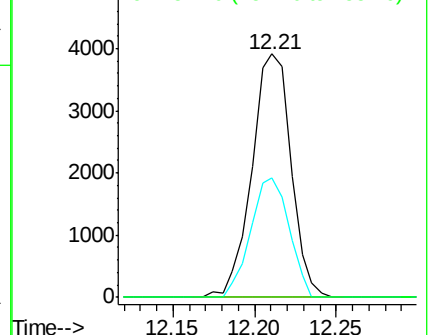
173 100

175 48.0 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: VY000240.D

Acq: 09 Oct 2019 14:00

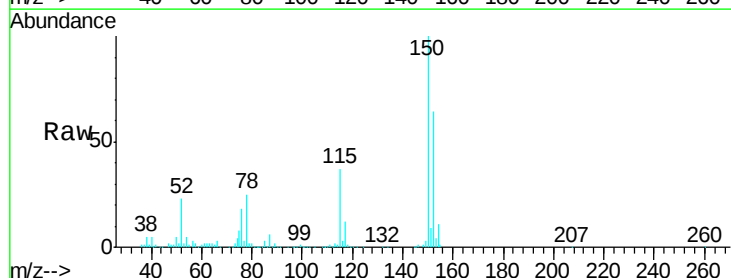
Tgt Ion:152 Resp: 191587

Ion Ratio Lower Upper

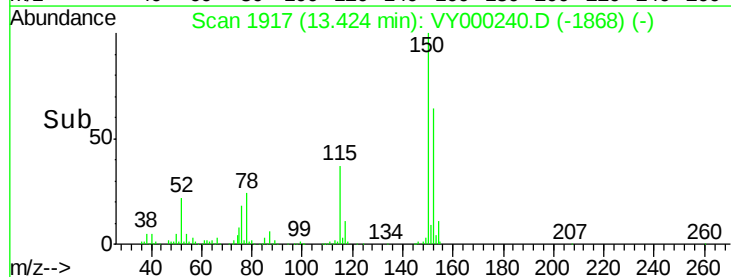
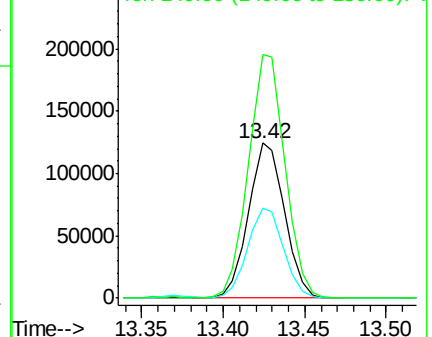
152 100

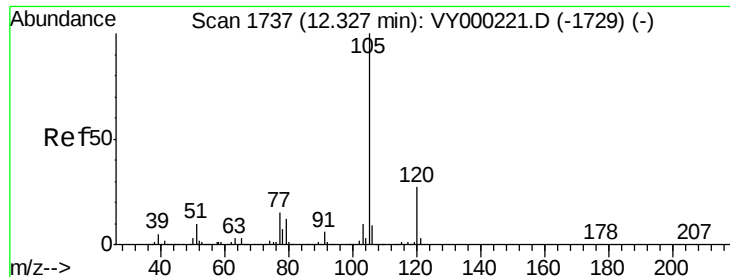
115 58.0 29.3 88.0

150 159.3 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: 2.357 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

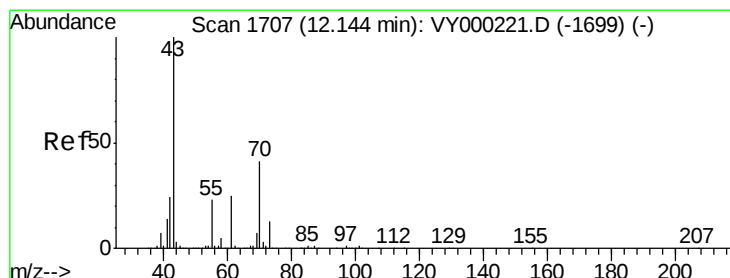
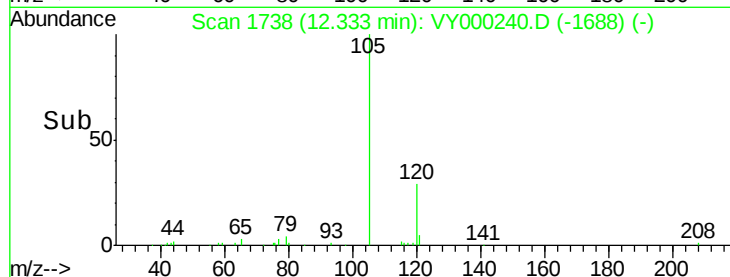
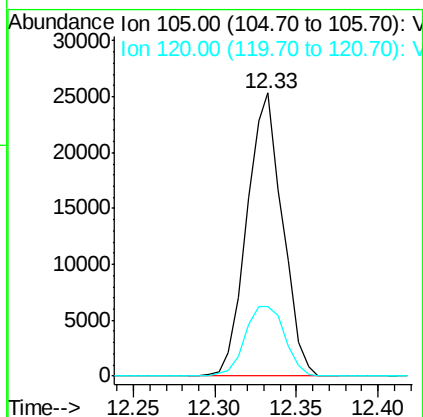
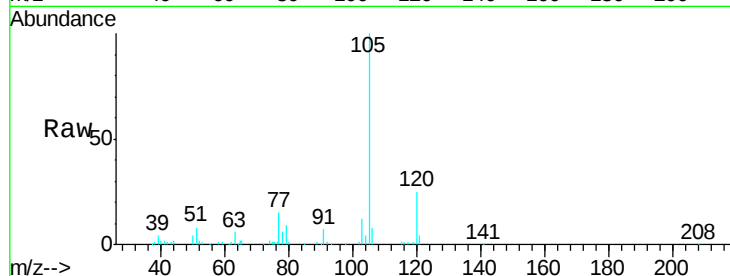
2.5PPBMDL

Tgt Ion: 105 Resp: 38268

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8



#74

N-ethyl acetate

Concen: 1.778 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Tgt Ion: 43 Resp: 14194

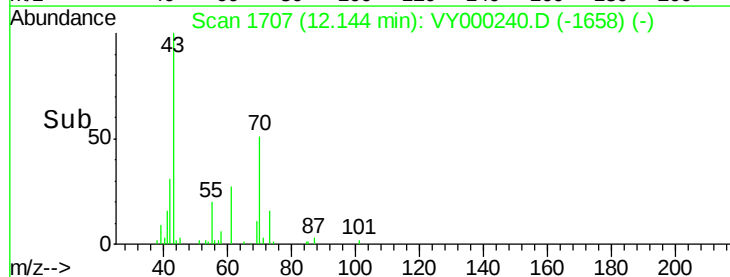
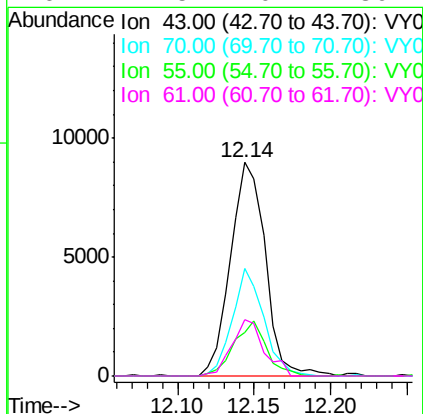
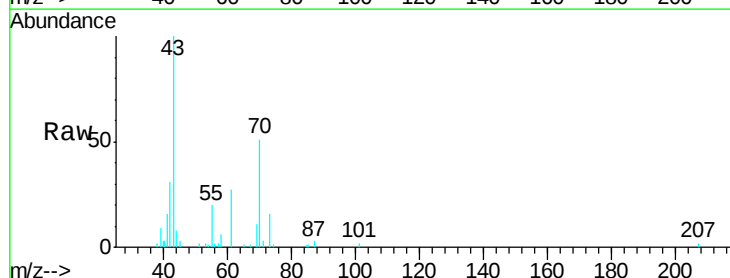
Ion Ratio Lower Upper

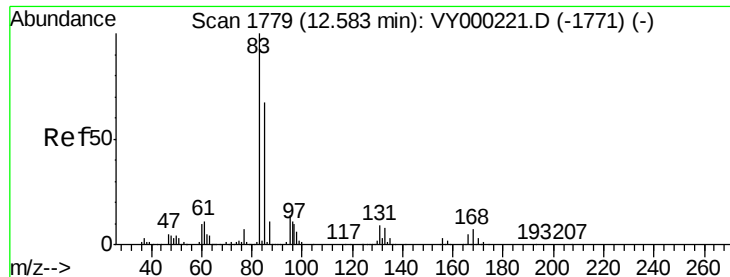
43 100

70 45.4 34.9 52.3

55 24.2 18.2 27.2

61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.396 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

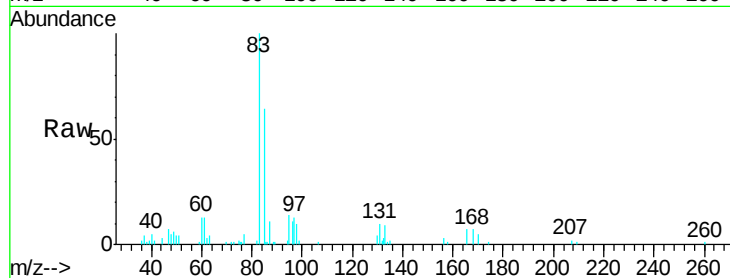
Tgt Ion: 83 Resp: 13273

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

85 64.8 32.5 97.5



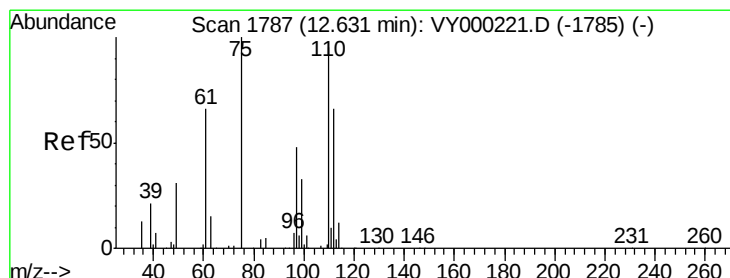
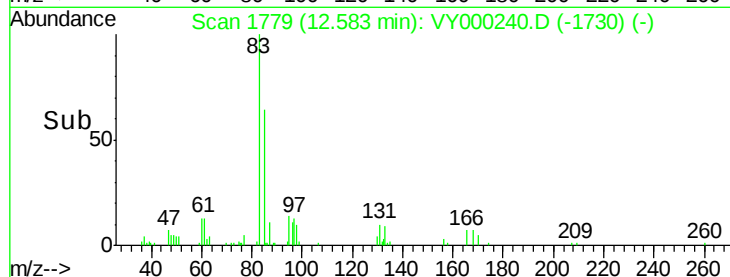
Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 3.794 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY000240.D

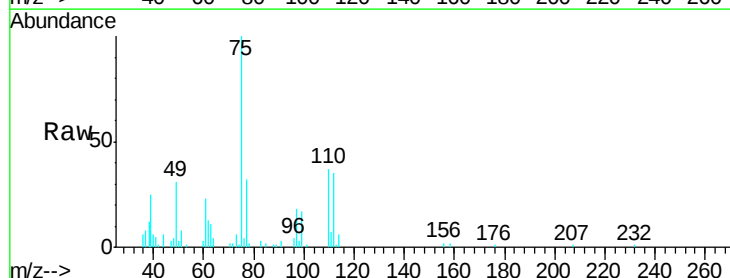
Acq: 09 Oct 2019 14:00

Tgt Ion: 75 Resp: 19190

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

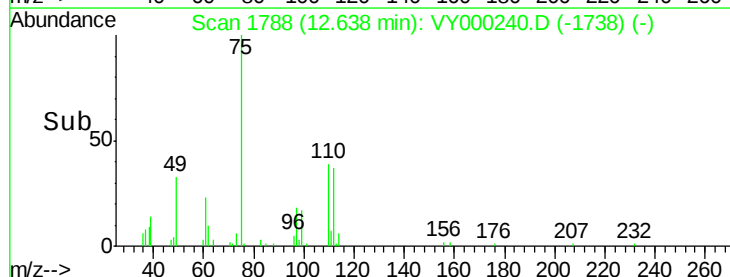


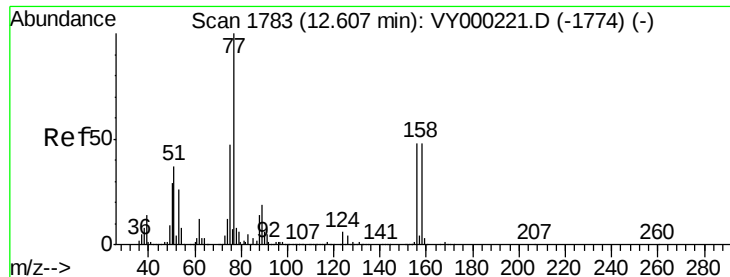
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.64

Time-->





#77

Bromobenzene

Concen: 2.452 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampled :

2.5PPBMDL

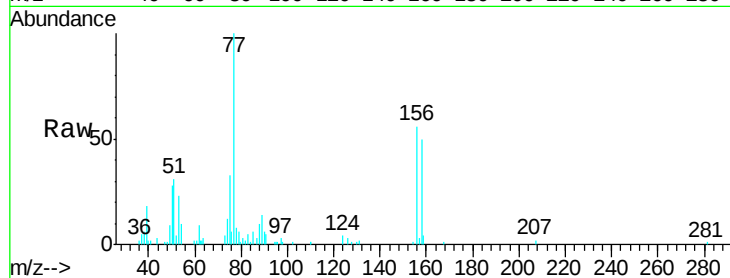
Tgt Ion:156 Resp: 9334

Ion Ratio Lower Upper

156 100

77 210.9 118.1 354.3

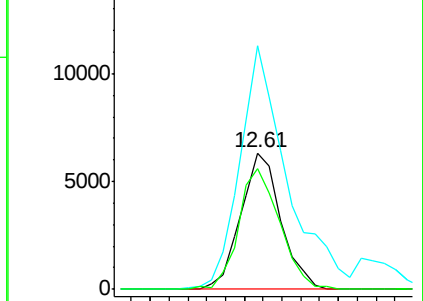
158 91.0 47.8 143.3



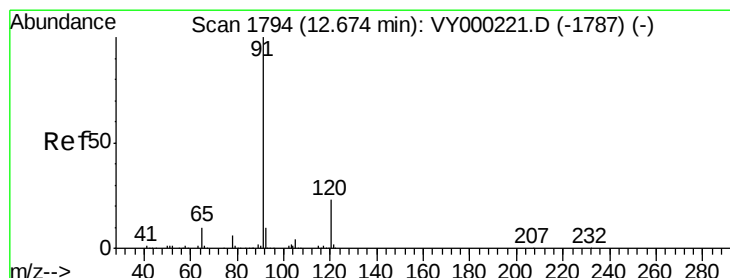
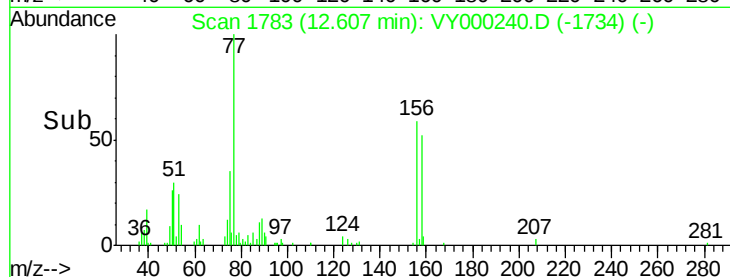
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 2.238 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000240.D

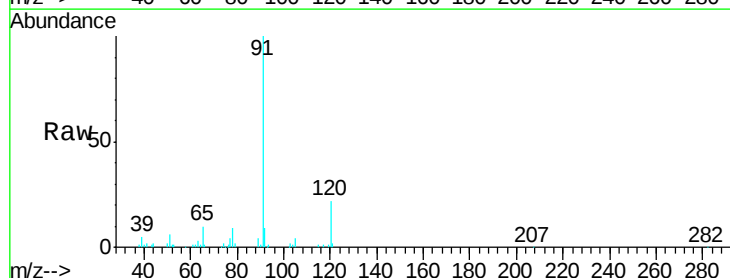
Acq: 09 Oct 2019 14:00

Tgt Ion: 91 Resp: 42437

Ion Ratio Lower Upper

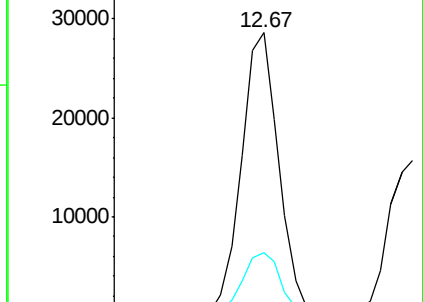
91 100

120 23.4 11.3 33.8

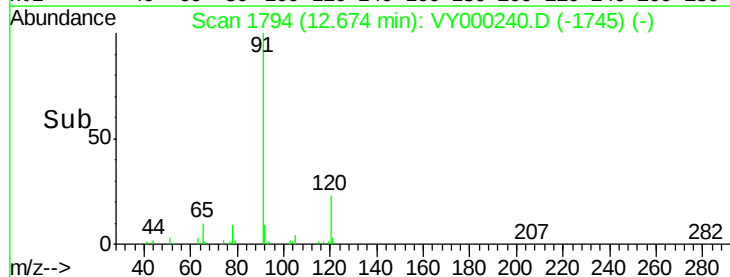


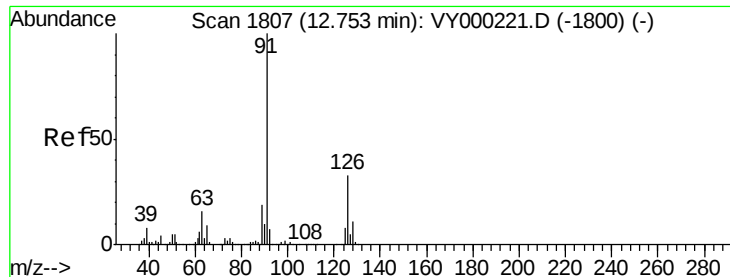
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->

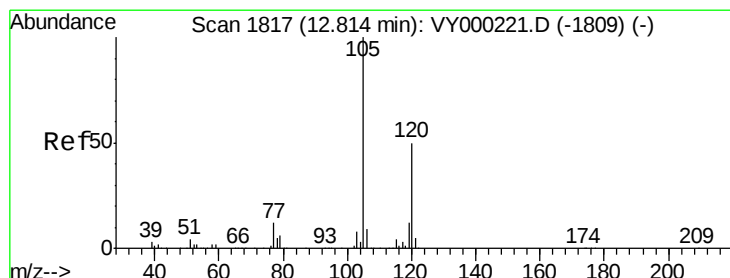
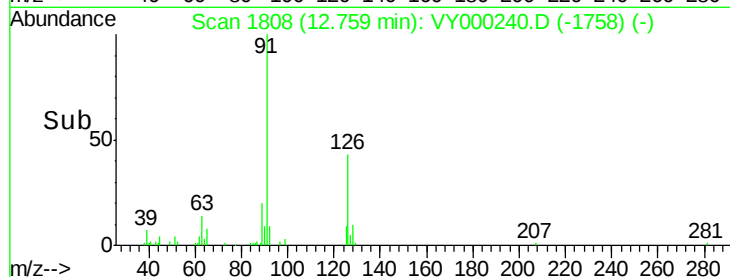
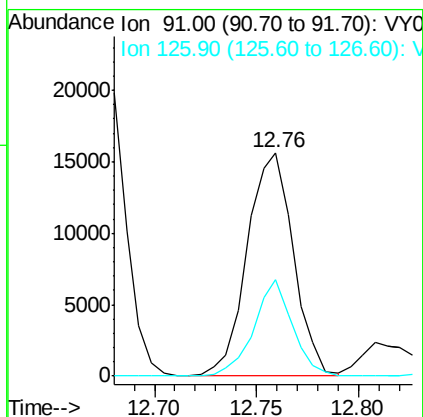
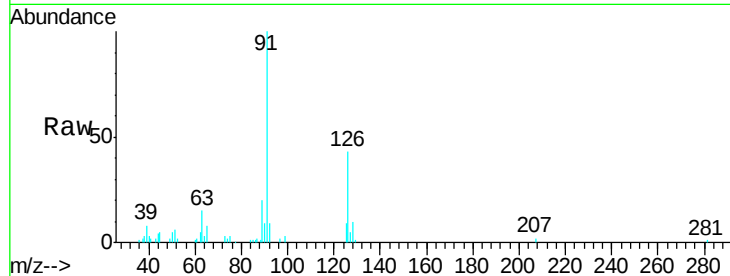




#79
 2-Chlorotoluene
 Concen: 2.257 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

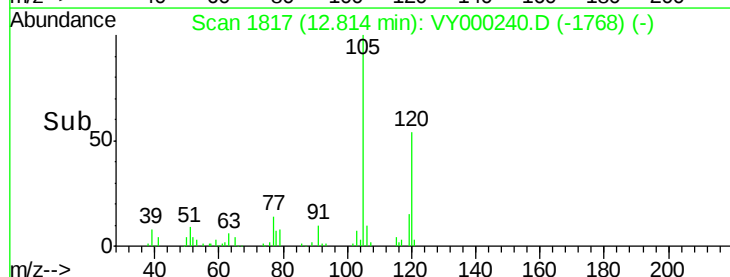
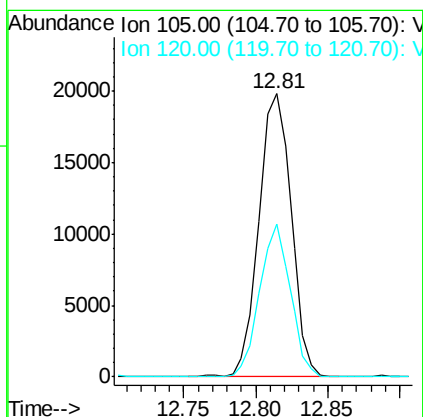
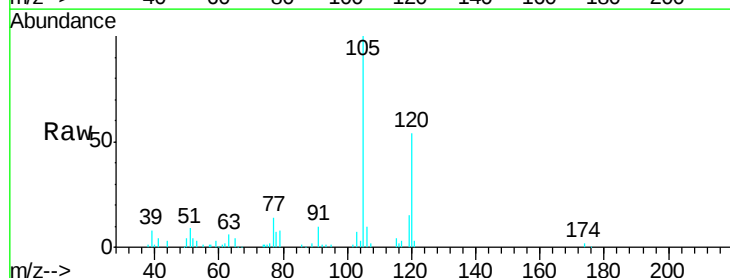
Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

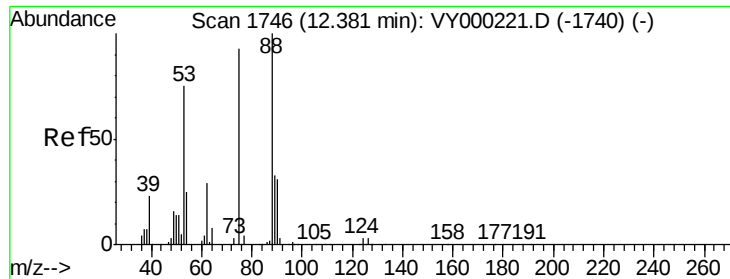
Tgt Ion: 91 Resp: 24641
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 2.275 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 105 Resp: 30822
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 2.517 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000240.D

Acq: 09 Oct 2019 14:00

Instrument :

MSVOA_Y

ClientSampleId :

2.5PPBMDL

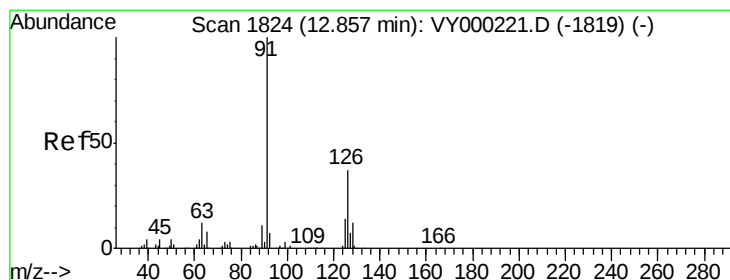
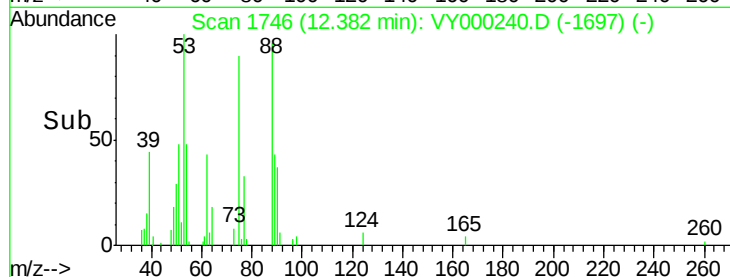
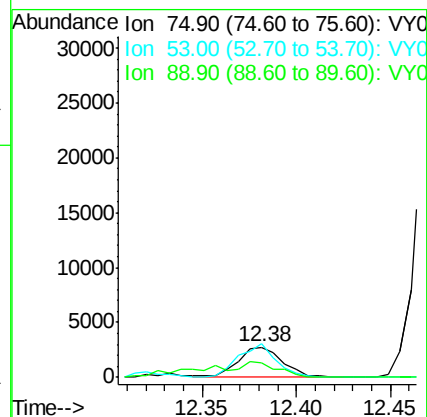
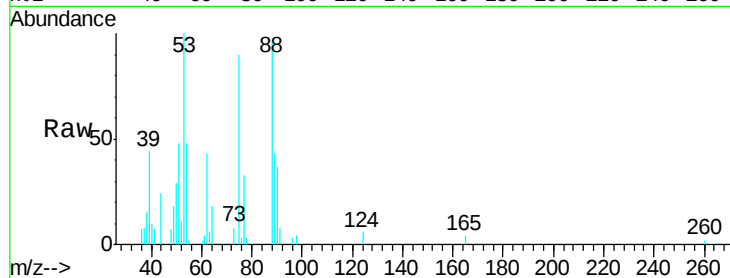
Tgt Ion: 75 Resp: 4488

Ion Ratio Lower Upper

75 100

53 95.2 66.5 99.7

89 43.4 46.9 70.3#



#82

4-Chlorotoluene

Concen: 2.343 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000240.D

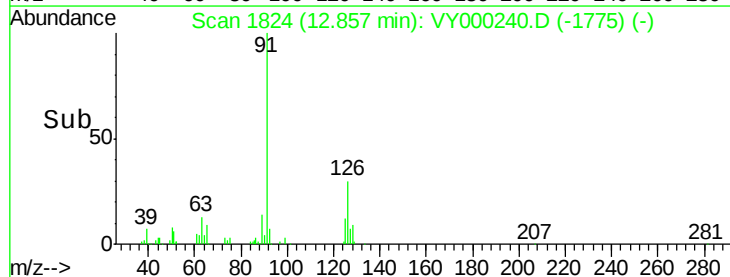
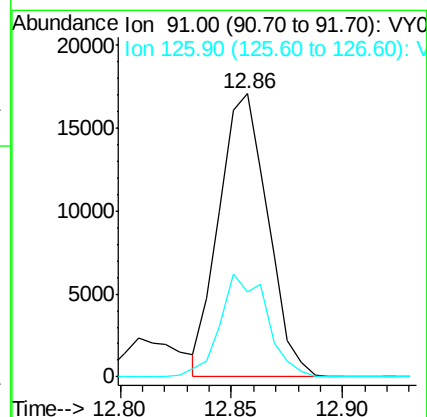
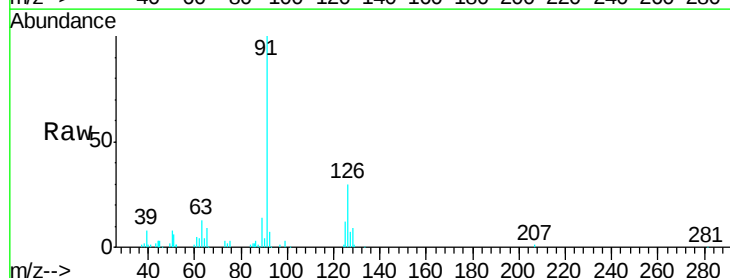
Acq: 09 Oct 2019 14:00

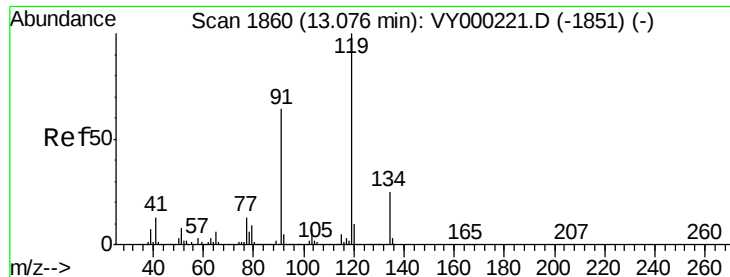
Tgt Ion: 91 Resp: 25908

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0

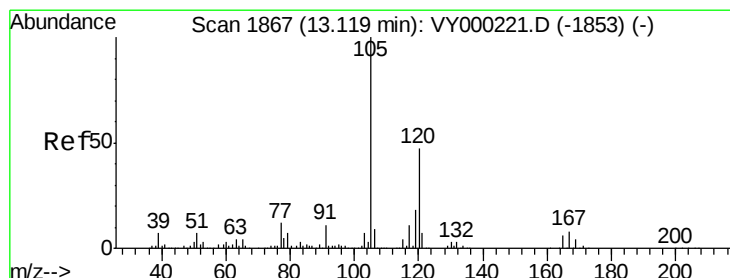
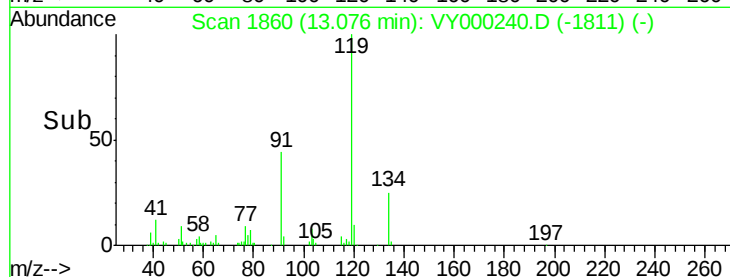
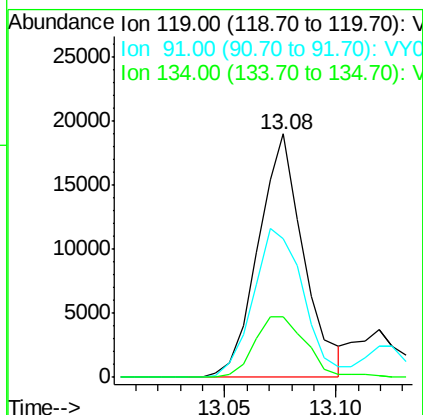
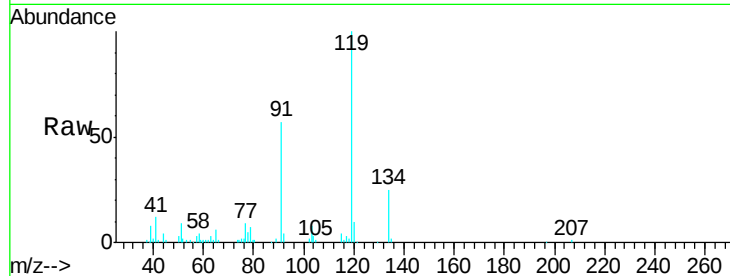




#83
 tert-Butylbenzene
 Concen: 2.284 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

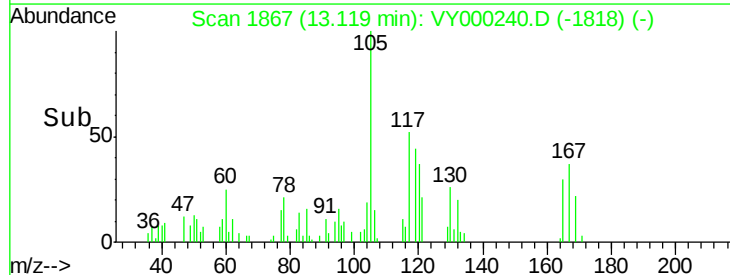
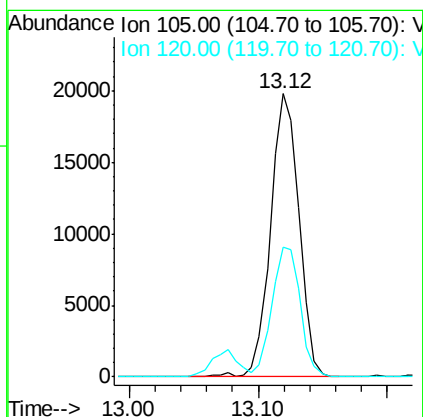
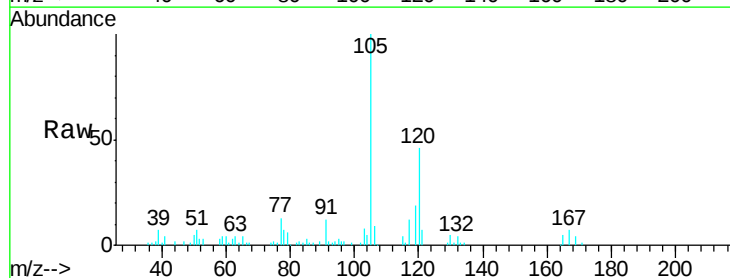
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

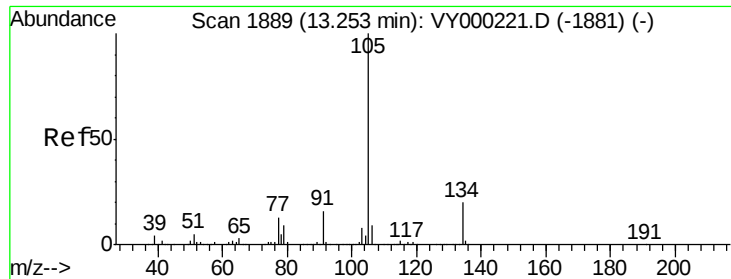
Tgt Ion:119 Resp: 26891
 Ion Ratio Lower Upper
 119 100
 91 67.4 32.4 97.2
 134 28.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.254 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion:105 Resp: 30501
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3

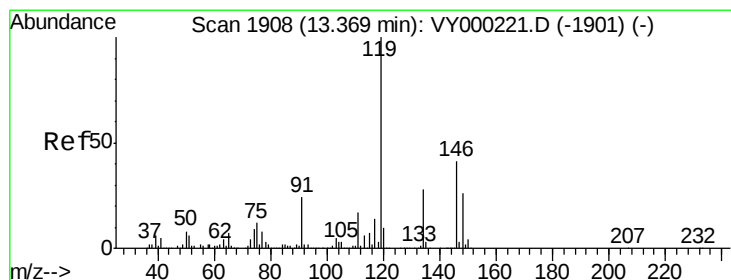
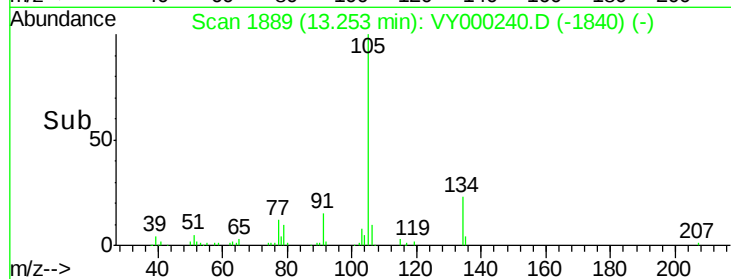
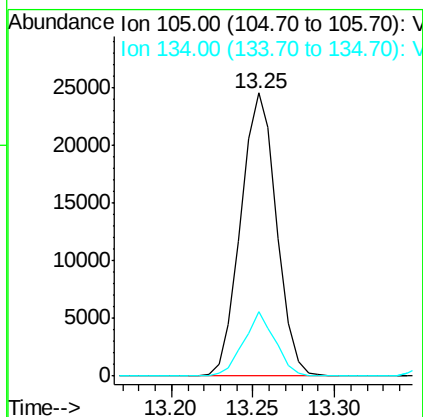
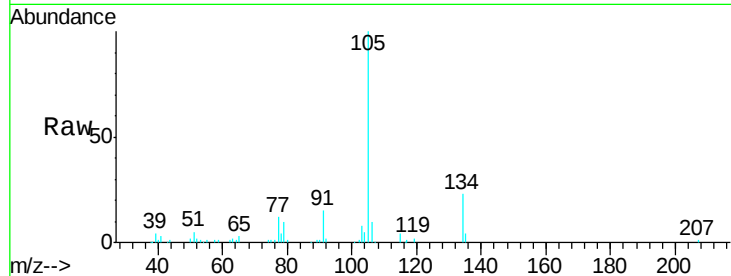




#85
 sec-Butylbenzene
 Concen: 2.307 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

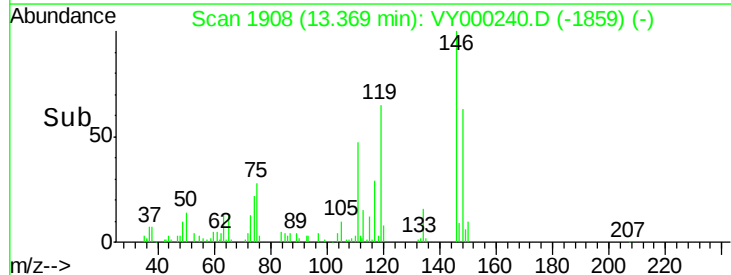
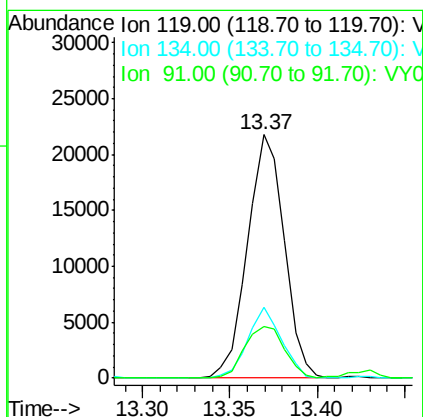
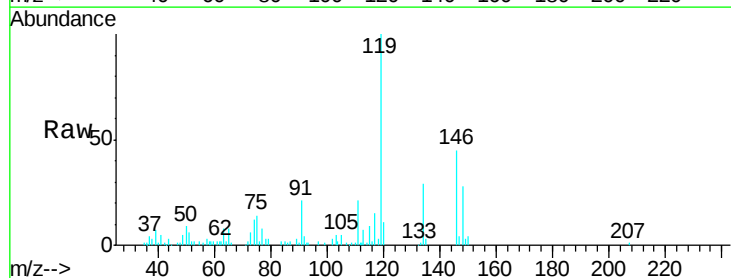
Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

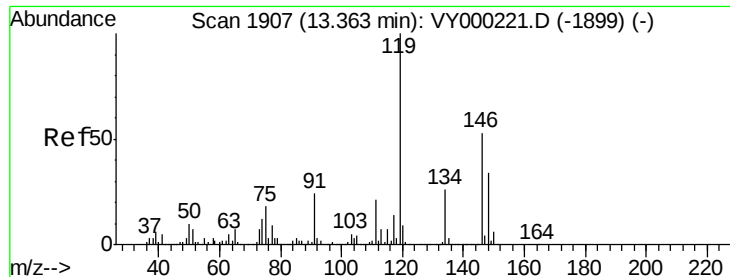
Tgt Ion:105 Resp: 37443
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 2.228 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion:119 Resp: 31803
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 23.1 11.7 35.1

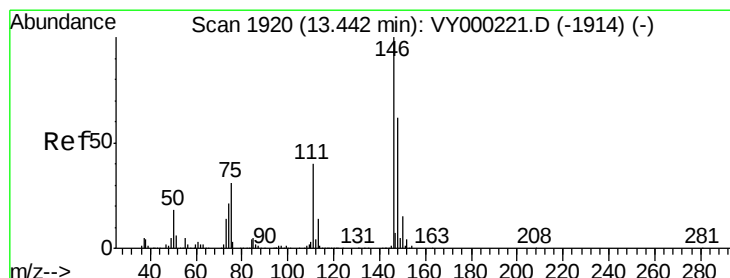
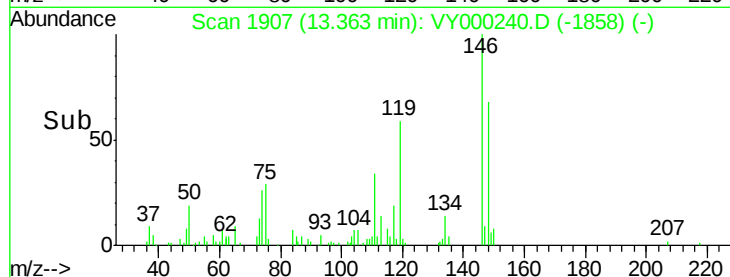
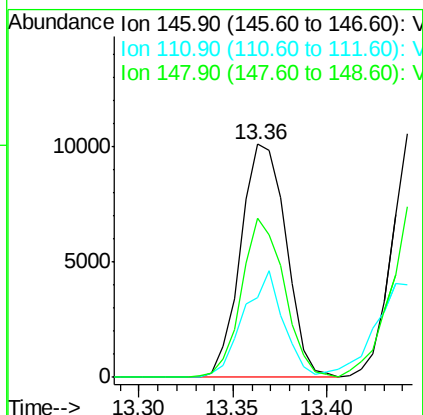
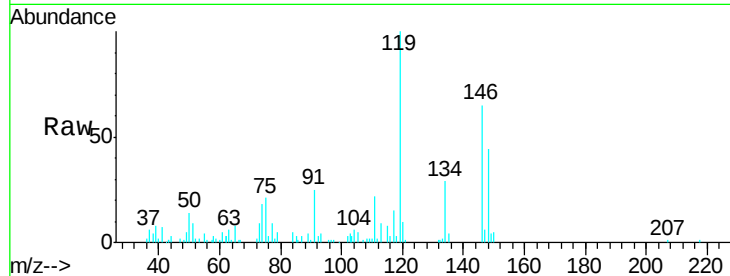




#87
 1,3-Dichlorobenzene
 Concen: 2.440 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

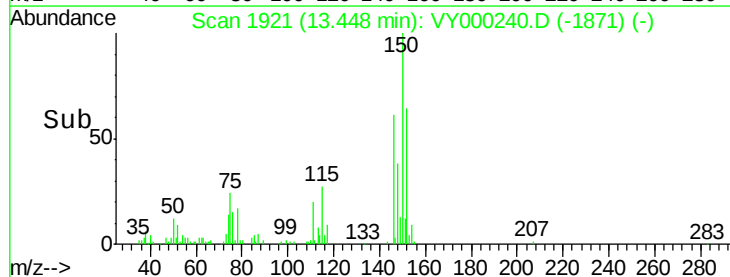
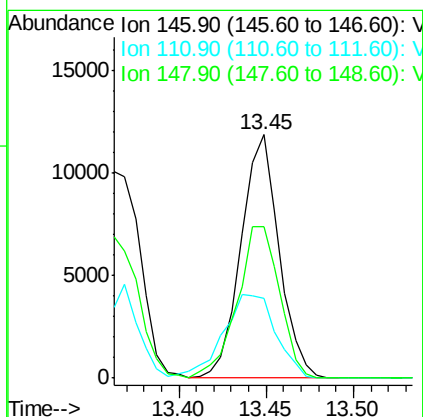
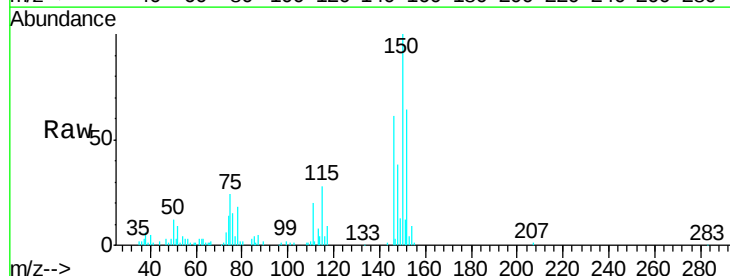
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

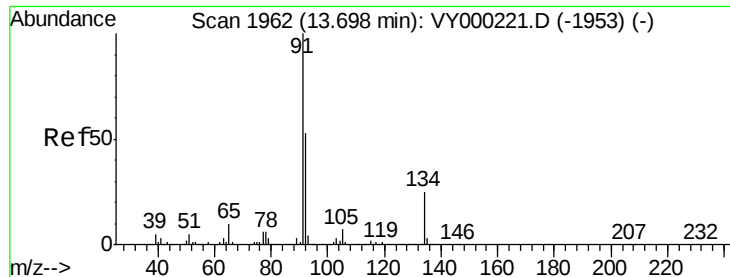
Tgt Ion:146 Resp: 16833
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 2.503 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion:146 Resp: 17992
 Ion Ratio Lower Upper
 146 100
 111 47.9 19.8 59.3
 148 69.0 31.6 94.8

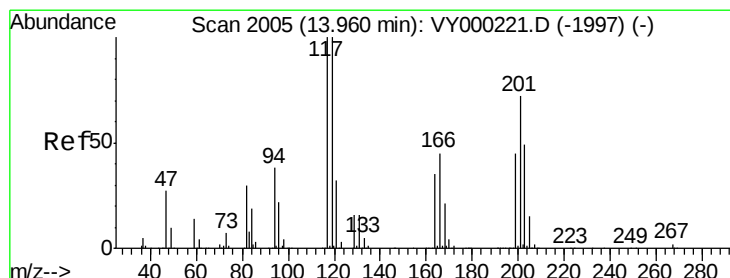
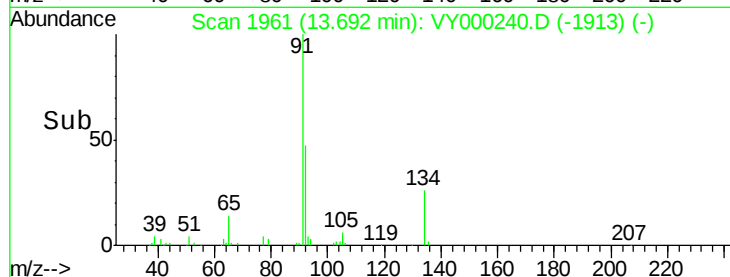
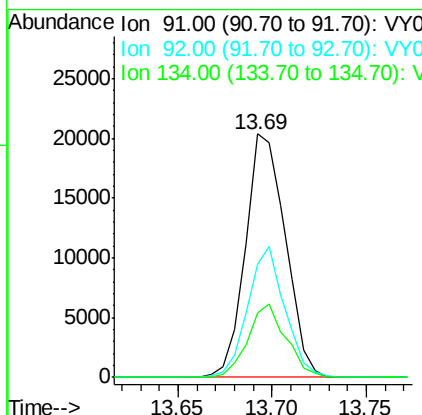
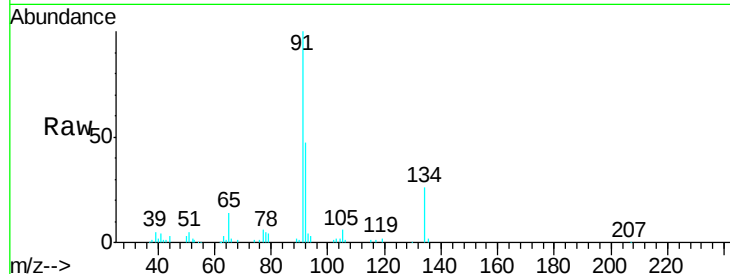




#89
n-Butylbenzene
Concen: 2.225 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

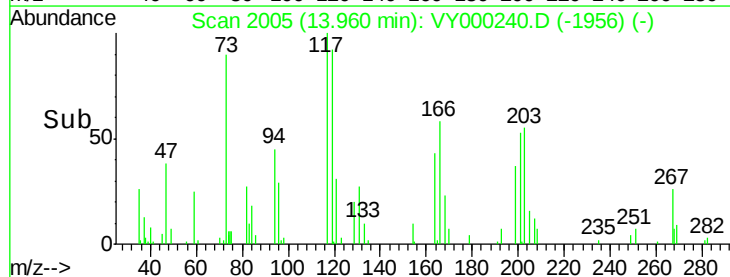
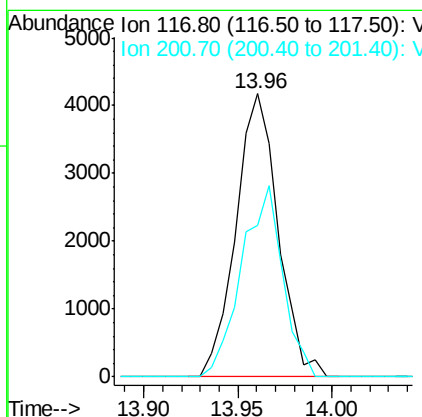
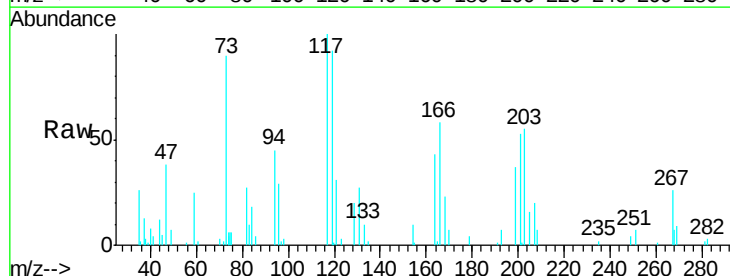
Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

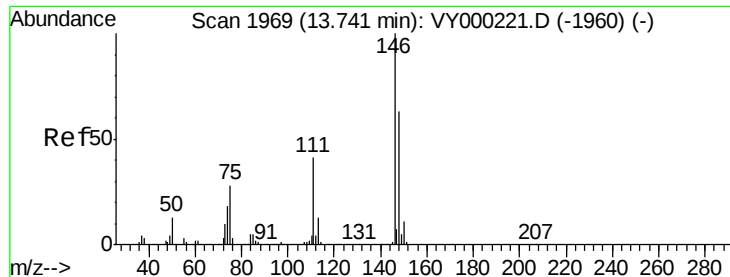
Tgt Ion: 91 Resp: 29922
Ion Ratio Lower Upper
91 100
92 50.0 27.0 80.8
134 28.6 12.8 38.4



#90
Hexachloroethane
Concen: 2.400 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion: 117 Resp: 6480
Ion Ratio Lower Upper
117 100
201 65.6 35.5 106.5

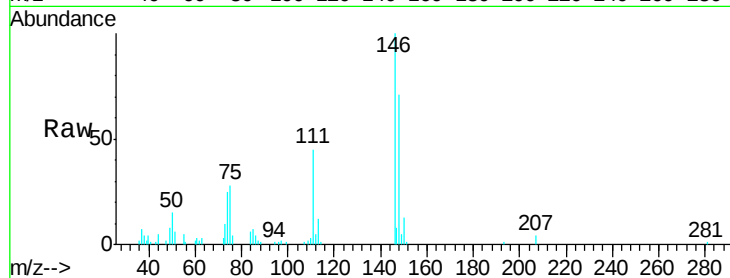




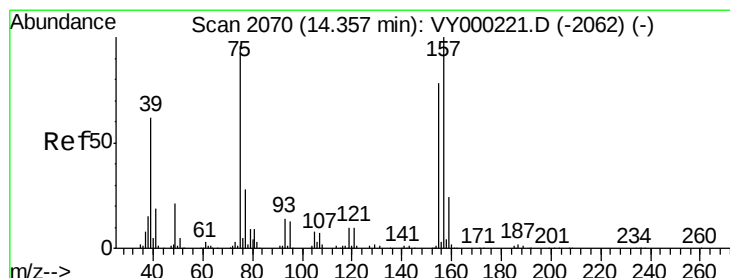
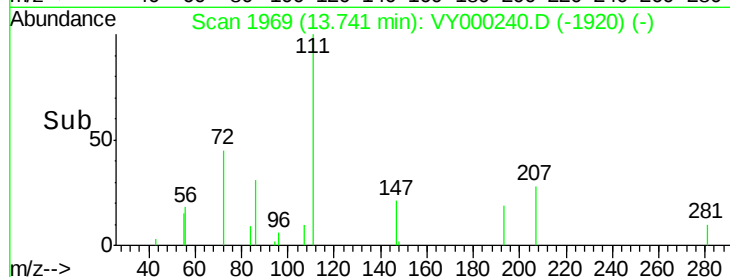
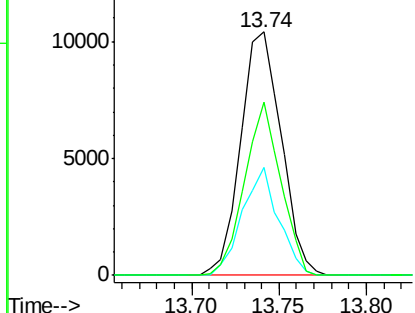
#91
 1,2-Dichlorobenzene
 Concen: 2.407 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Instrument :
 MSVOA_Y
 ClientSampled :
 2.5PPBMDL

Tgt Ion: 146 Resp: 16809
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.9 62.8
 148 63.3 31.6 95.0

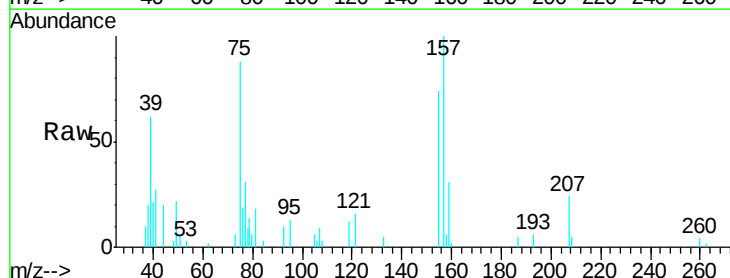


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

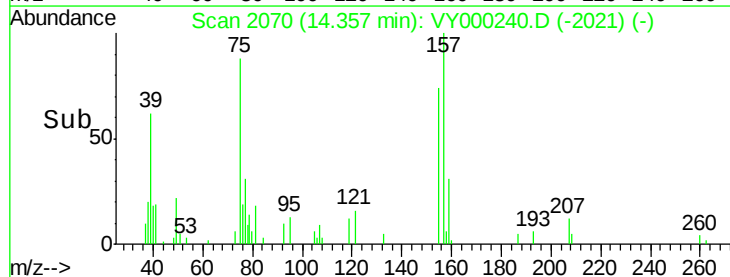
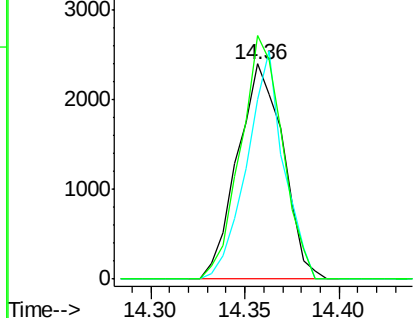


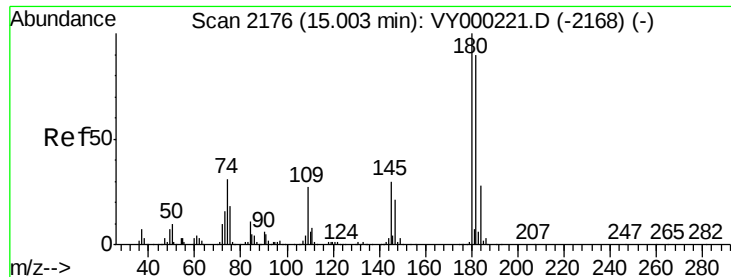
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.075 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion: 75 Resp: 4031
 Ion Ratio Lower Upper
 75 100
 155 84.9 42.4 127.3
 157 103.3 53.8 161.5



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

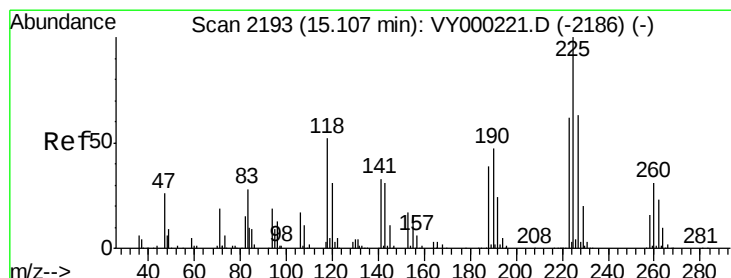
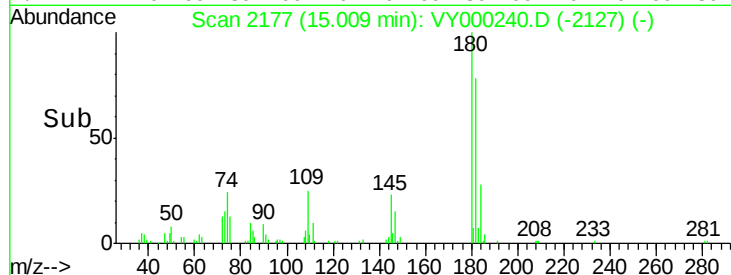
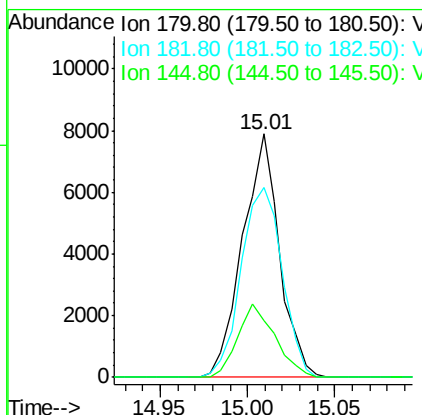
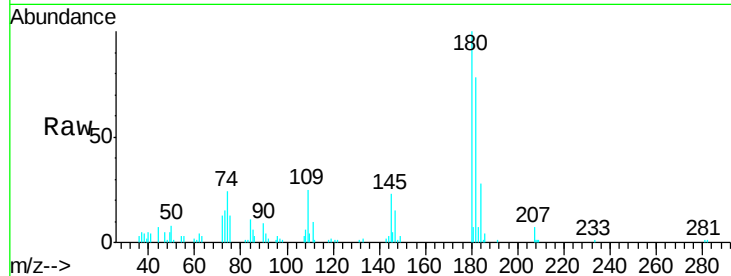




#93
 1,2,4-Trichlorobenzene
 Concen: 2.432 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

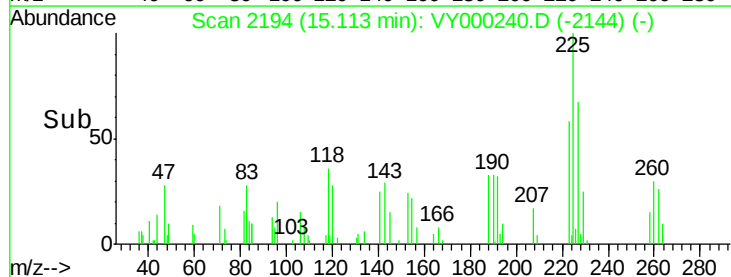
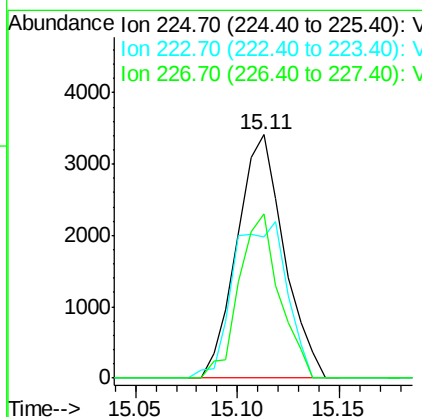
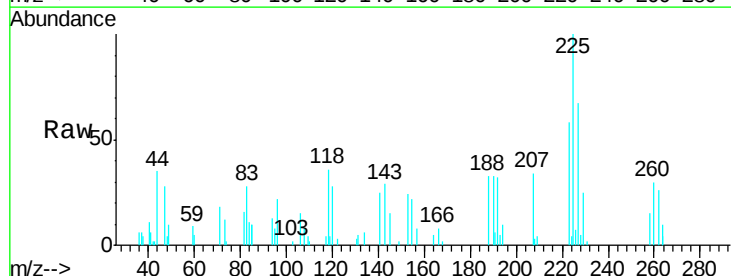
Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

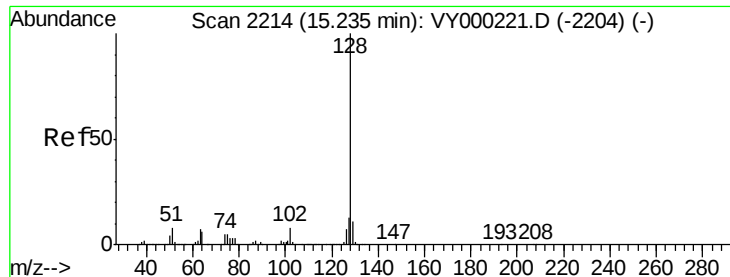
Tgt Ion:180 Resp: 11530
 Ion Ratio Lower Upper
 180 100
 182 87.0 47.2 141.6
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 2.409 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000240.D
 Acq: 09 Oct 2019 14:00

Tgt Ion:225 Resp: 5458
 Ion Ratio Lower Upper
 225 100
 223 72.8 31.9 95.5
 227 58.1 31.5 94.5

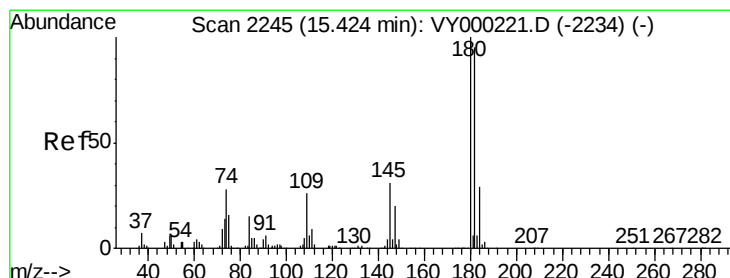
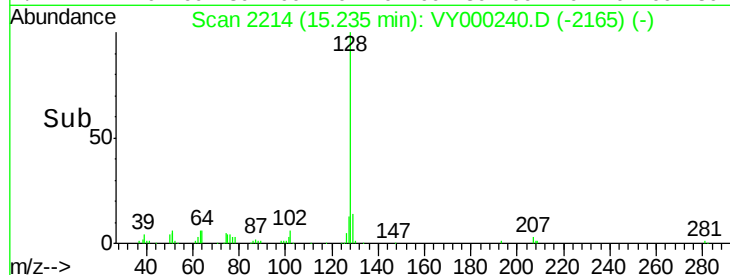
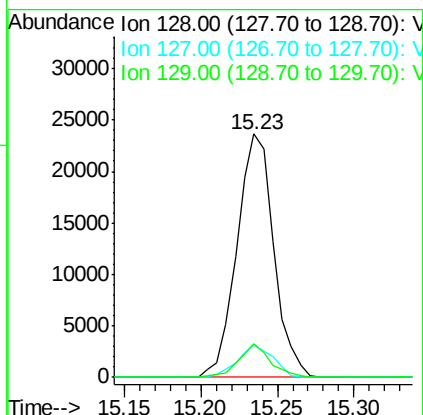
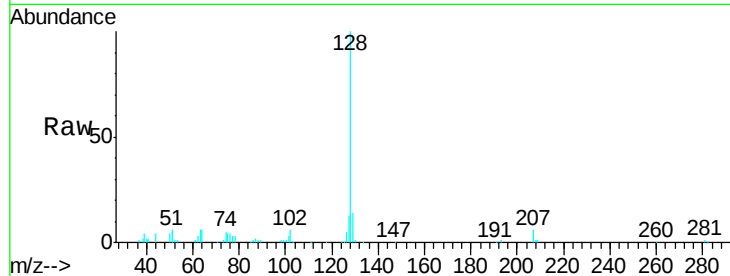




#95
Naphthalene
Concen: 2.206 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Instrument :
MSVOA_Y
ClientSampled :
2.5PPBMDL

Tgt Ion:128 Resp: 39349
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 12.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.428 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000240.D
Acq: 09 Oct 2019 14:00

Tgt Ion:180 Resp: 11073
Ion Ratio Lower Upper
180 100
182 89.4 47.9 143.7
145 31.4 16.3 48.9

