

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
 Data File : VY000073.D
 Acq On : 19 Sep 2019 13:39
 Operator : SY/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Quant Time: Sep 20 01:54:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	105371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	198758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	168575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	74938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	59427	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.73	113	57538	47.81	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.18	98	231935	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.48	95	81482	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	2007	Below Cal	100
3) Chloromethane	2.11	50	10140	3.954 ug/l	99
4) Vinyl Chloride	2.25	62	13066	11.113 ug/l	99
5) Bromomethane	2.62	94	11096	13.096 ug/l	86
6) Chloroethane	2.78	64	12432	15.774 ug/l #	87
7) Trichlorofluoromethane	3.12	101	26638	16.386 ug/l	95
8) Diethyl Ether	3.53	74	13548	19.464 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.89	101	20958	18.792 ug/l	95
10) Methyl Iodide	4.09	142	19200	16.554 ug/l	99
11) Tert butyl alcohol	4.97	59	16280	113.276 ug/l	98
12) 1,1-Dichloroethene	3.87	96	18888	18.371 ug/l #	77
13) Acrolein	3.73	56	10358	128.291 ug/l	98
14) Allyl chloride	4.48	41	31327	19.936 ug/l	99
15) Acrylonitrile	5.17	53	45768	109.652 ug/l	98
16) Acetone	3.95	43	28089	99.513 ug/l	92
17) Carbon Disulfide	4.19	76	30483	14.216 ug/l	100
18) Methyl Acetate	4.48	43	21539	22.840 ug/l	95
19) Methyl tert-butyl Ether	5.23	73	67294	20.945 ug/l	100
20) Methylene Chloride	4.71	84	32089	24.166 ug/l	93
21) trans-1,2-Dichloroethene	5.21	96	21892	19.155 ug/l	84
22) Diisopropyl ether	6.13	45	75317	21.214 ug/l	95
23) Vinyl Acetate	6.06	43	256639	108.006 ug/l	96
24) 1,1-Dichloroethane	6.02	63	44663	21.255 ug/l	98
25) 2-Butanone	6.99	43	53302	104.258 ug/l	97
26) 2,2-Dichloropropane	6.98	77	40140	20.241 ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	30124	20.818 ug/l	99
28) Bromochloromethane	7.34	49	18723	19.222 ug/l	91
29) Tetrahydrofuran	7.35	42	33780	110.062 ug/l	97
30) Chloroform	7.51	83	45823	21.131 ug/l	99
31) Cyclohexane	7.79	56	32510	19.004 ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	37811	21.467 ug/l	98
36) 1,1-Dichloropropene	7.92	75	32099	21.598 ug/l	98
37) Ethyl Acetate	7.08	43	24310	24.540 ug/l #	89
38) Carbon Tetrachloride	7.90	117	30674	21.869 ug/l #	91

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 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
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Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0919SBS01

Quant Time: Sep 20 01:54:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.18	83	38164	20.884	ug/l	97
40) Benzene	8.16	78	103949	21.177	ug/l	96
41) Methacrylonitrile	7.35	41	30557	43.236	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	28410	21.850	ug/l	100
43) Isopropyl Acetate	8.28	43	43973	22.697	ug/l	97
44) Trichloroethene	8.94	130	27285	21.758	ug/l	95
45) 1,2-Dichloropropane	9.21	63	26410	20.770	ug/l	96
46) Dibromomethane	9.31	93	15824	22.783	ug/l	96
47) Bromodichloromethane	9.50	83	36381	21.586	ug/l	98
48) Methyl methacrylate	9.29	41	19068	22.379	ug/l	99
49) 1,4-Dioxane	9.31	88	6096	452.064	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	121837	115.180	ug/l	97
52) Toluene	10.24	92	66670	21.378	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	38084	21.312	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	44174	21.406	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	24129	22.159	ug/l	98
56) Ethyl methacrylate	10.51	69	32933	21.255	ug/l	96
57) 1,3-Dichloropropane	10.79	76	39639	21.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	86901	103.751	ug/l	99
59) 2-Hexanone	10.84	43	86202	114.229	ug/l	97
60) Dibromochloromethane	10.98	129	25870	22.678	ug/l	95
61) 1,2-Dibromoethane	11.09	107	21535	21.652	ug/l	99
64) Tetrachloroethene	10.72	164	23513	22.223	ug/l	96
65) Chlorobenzene	11.52	112	73862	22.151	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.59	131	25394	22.524	ug/l	100
67) Ethyl Benzene	11.59	91	131558	22.108	ug/l	98
68) m/p-Xylenes	11.70	106	100248	44.273	ug/l	97
69) o-Xylene	12.02	106	47919	21.856	ug/l	99
70) Styrene	12.04	104	84712	22.009	ug/l	99
71) Bromoform	12.21	173	14966	22.930	ug/l #	97
73) Isopropylbenzene	12.33	105	131589	21.789	ug/l	98
74) N-amyl acetate	12.14	43	38049	22.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	31541	22.187	ug/l	95
76) 1,2,3-Trichloropropane	12.63	75	40310	38.231	ug/l #	100
77) Bromobenzene	12.60	156	27499	21.806	ug/l	95
78) n-propylbenzene	12.67	91	159035	21.588	ug/l	98
79) 2-Chlorotoluene	12.76	91	86708	21.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	108664	21.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12134	22.133	ug/l	95
82) 4-Chlorotoluene	12.85	91	89714	21.066	ug/l	97
83) tert-Butylbenzene	13.07	119	90777	21.209	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	107820	21.861	ug/l	96
85) sec-Butylbenzene	13.25	105	134434	21.259	ug/l	98
86) p-Isopropyltoluene	13.37	119	112630	21.013	ug/l	97
87) 1,3-Dichlorobenzene	13.37	146	54788	21.902	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	55152	21.941	ug/l	99
89) n-Butylbenzene	13.69	91	120758	21.900	ug/l	99
90) Hexachloroethane	13.96	117	22894	21.735	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	51788	22.035	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5669	22.397	ug/l	95

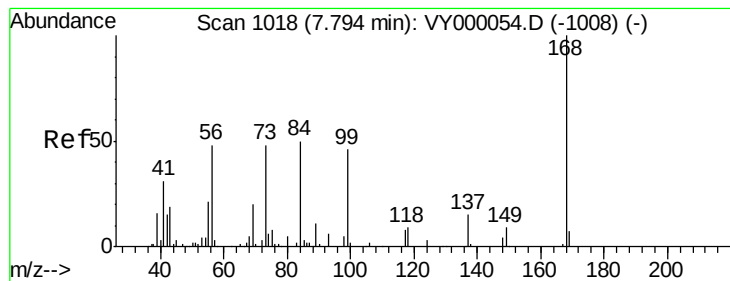
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000073.D
Acq On : 19 Sep 2019 13:39
Operator : SY/MD
Sample : VY0919SBSD01
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBSD01

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	33670	23.742	ug/l	96
94) Hexachlorobutadiene	15.11	225	14944	21.947	ug/l	99
95) Naphthalene	15.23	128	86637	21.520	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	29912	22.101	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

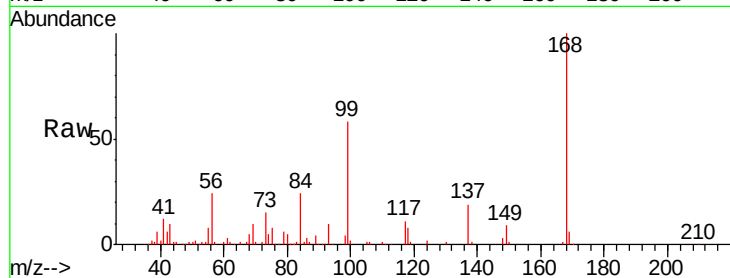
VY0919SBS01

Tgt Ion:168 Resp: 105371

Ion Ratio Lower Upper

168 100

99 58.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

50000

40000

30000

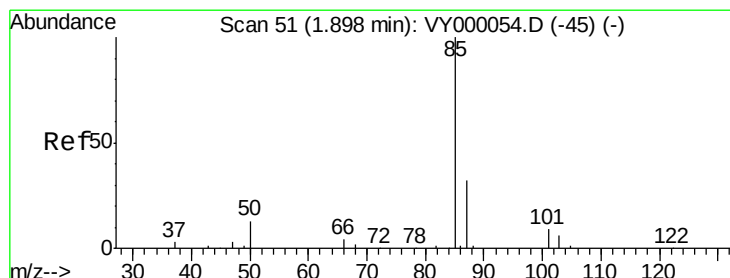
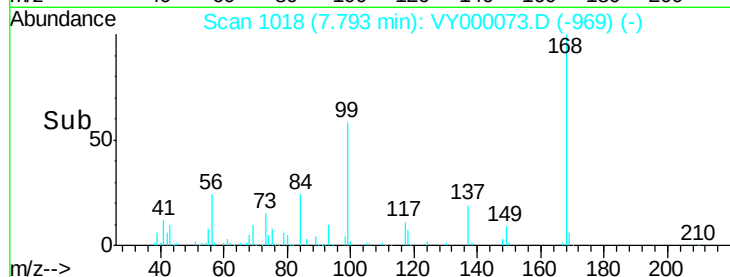
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000073.D

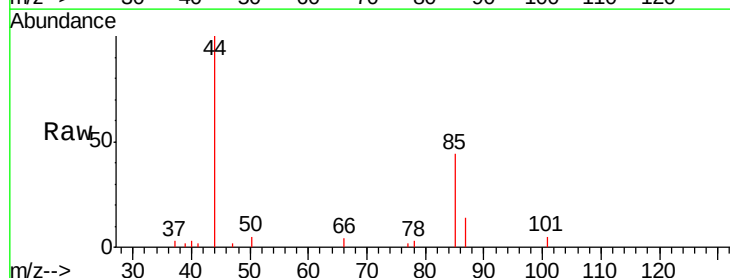
Acq: 19 Sep 2019 13:39

Tgt Ion: 85 Resp: 2007

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

1500

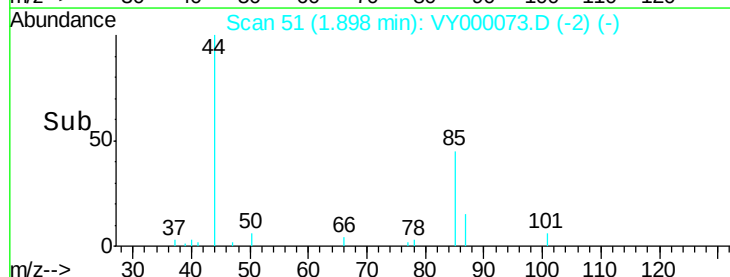
1000

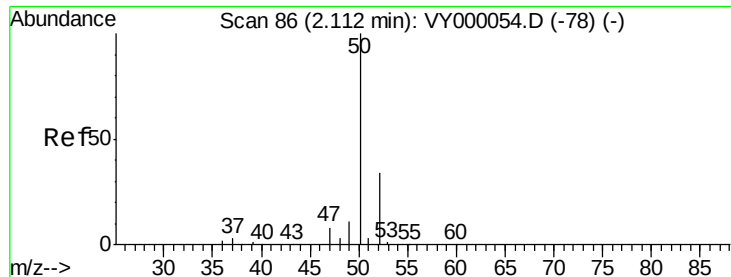
500

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 3.954 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

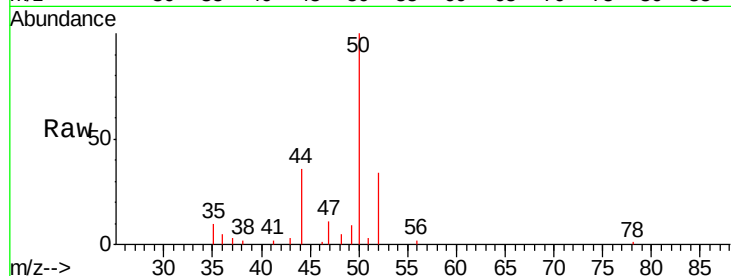
VY0919SBS01

Tgt Ion: 50 Resp: 10140

Ion Ratio Lower Upper

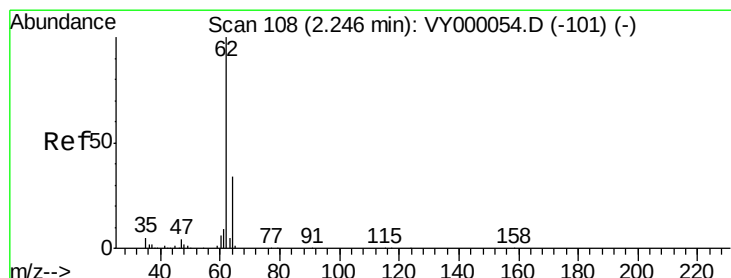
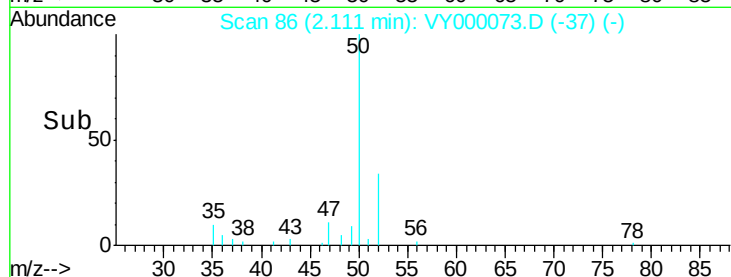
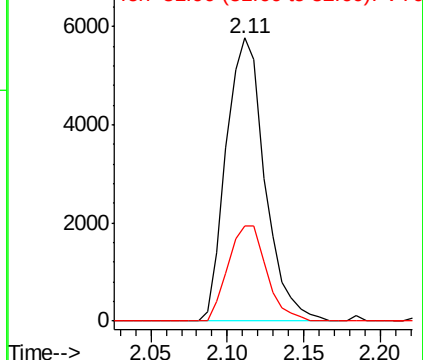
50 100

52 33.7 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 11.113 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000073.D

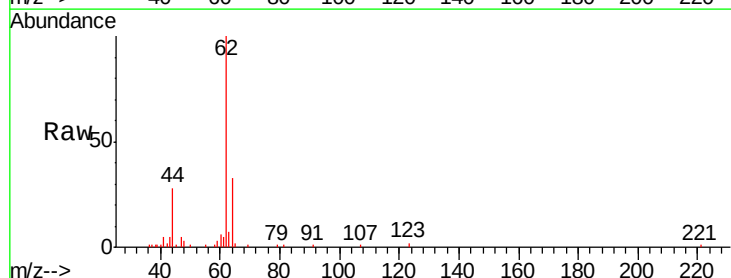
Acq: 19 Sep 2019 13:39

Tgt Ion: 62 Resp: 13066

Ion Ratio Lower Upper

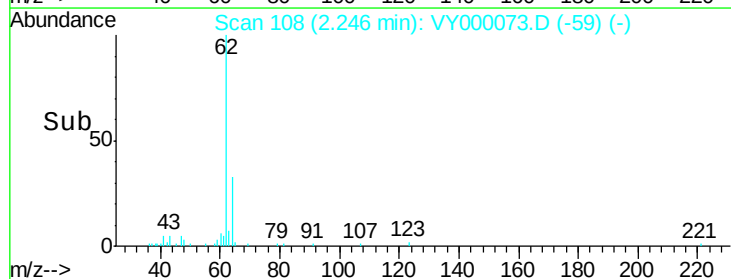
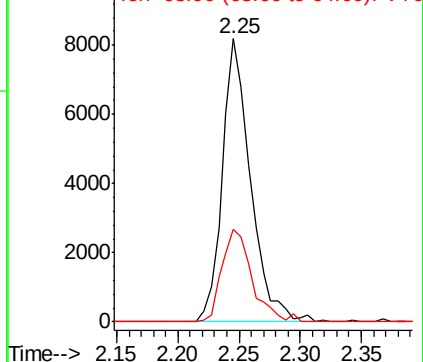
62 100

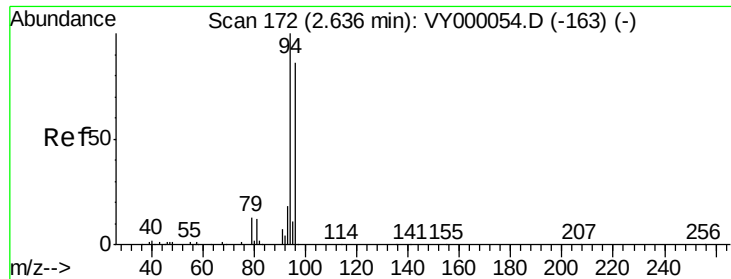
64 32.8 26.9 40.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 13.096 ug/l

RT: 2.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

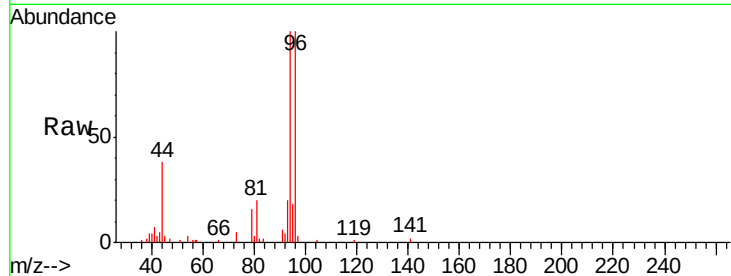
VY0919SBS01

Tgt Ion: 94 Resp: 11096

Ion Ratio Lower Upper

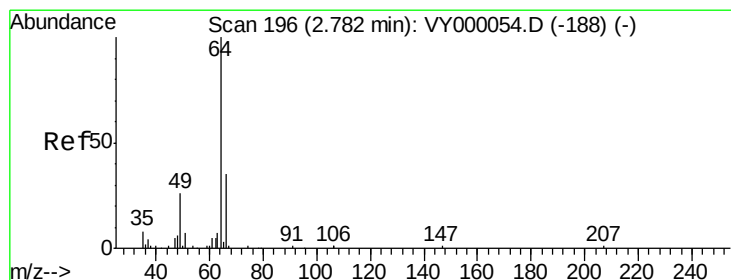
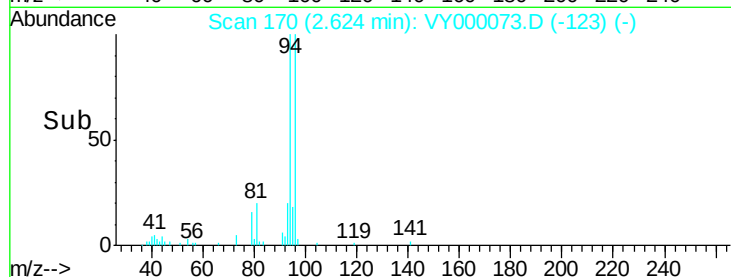
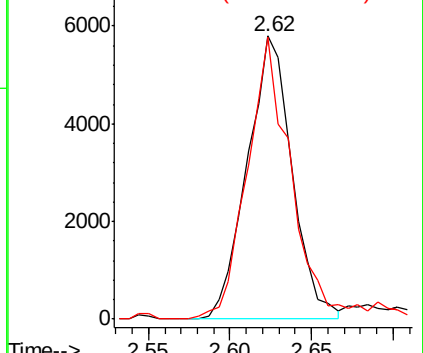
94 100

96 99.6 69.1 103.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 15.774 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VY000073.D

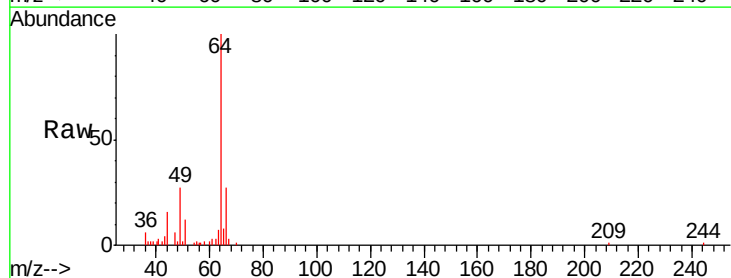
Acq: 19 Sep 2019 13:39

Tgt Ion: 64 Resp: 12432

Ion Ratio Lower Upper

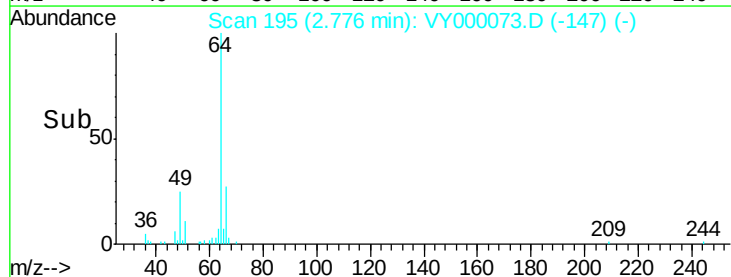
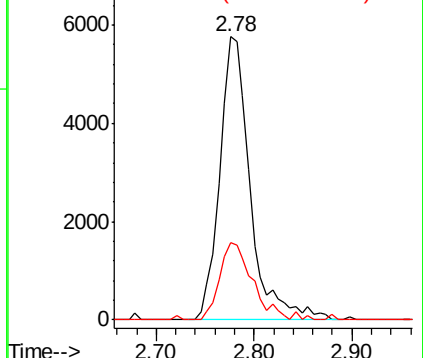
64 100

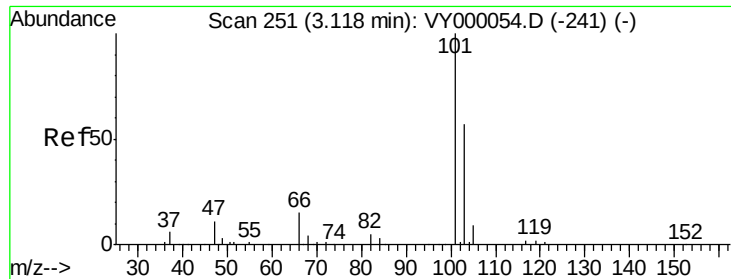
66 27.4 27.7 41.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



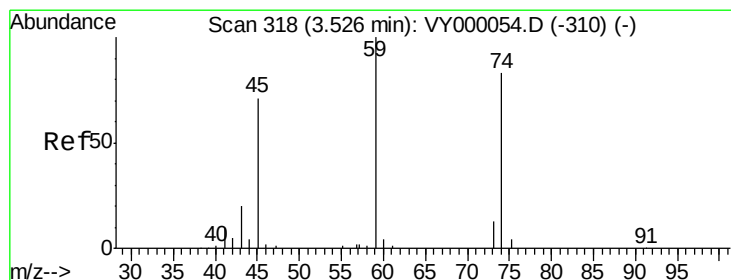
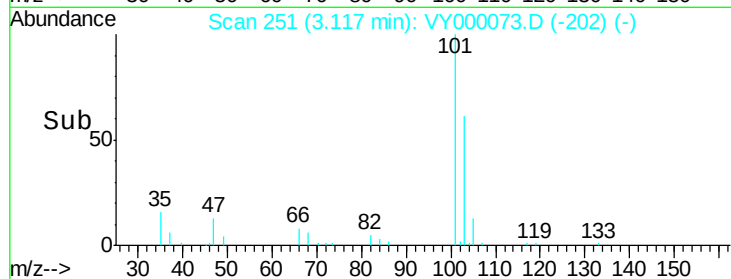
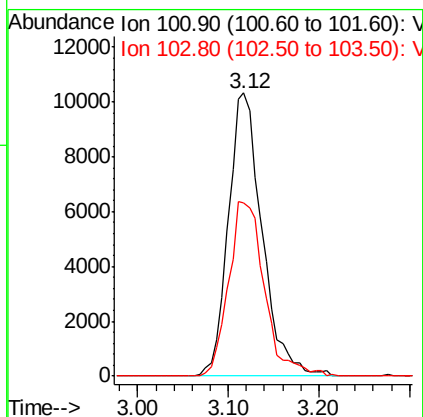
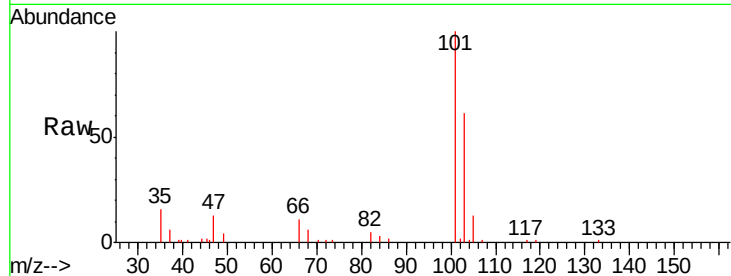


#7

Trichlorofluoromethane
Concen: 16.386 ug/l
RT: 3.12 min Scan# 251
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

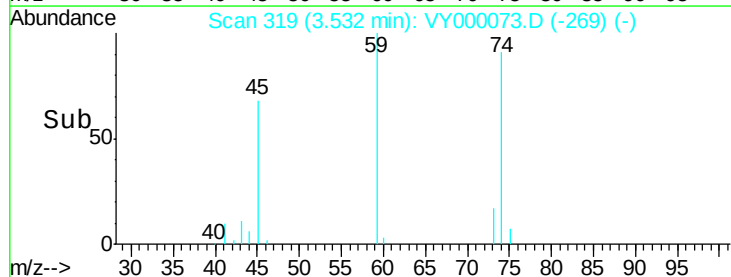
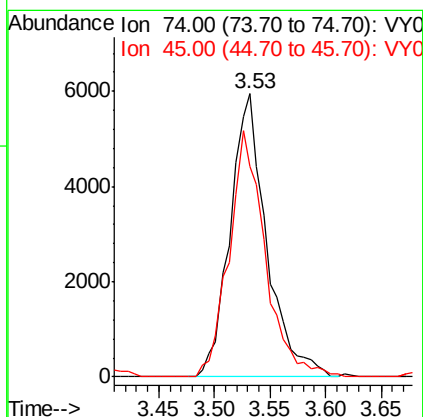
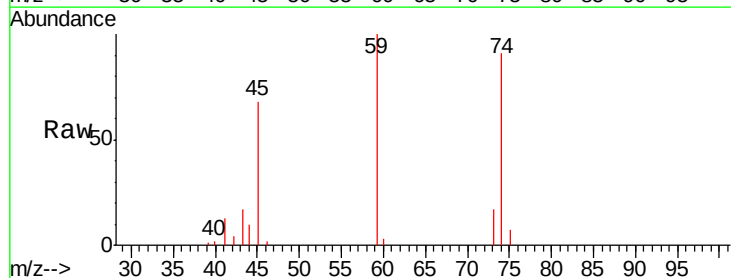
Tgt Ion:101 Resp: 26638
Ion Ratio Lower Upper
101 100
103 61.0 45.7 68.5

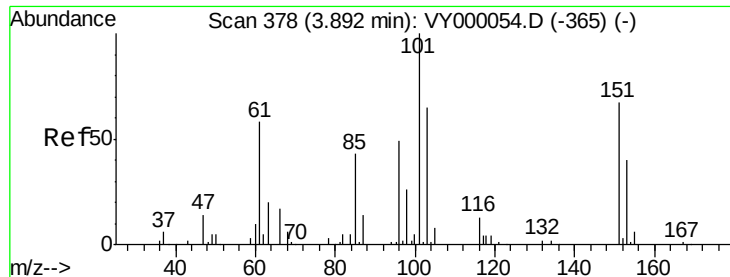


#8

Diethyl Ether
Concen: 19.464 ug/l
RT: 3.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 74 Resp: 13548
Ion Ratio Lower Upper
74 100
45 85.7 40.6 122.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.792 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

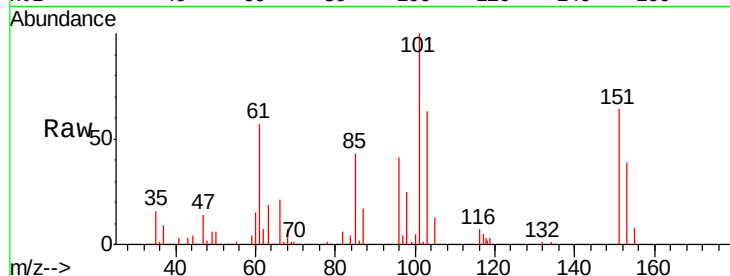
Tgt Ion:101 Resp: 20958

Ion Ratio Lower Upper

101 100

85 41.3 36.8 55.2

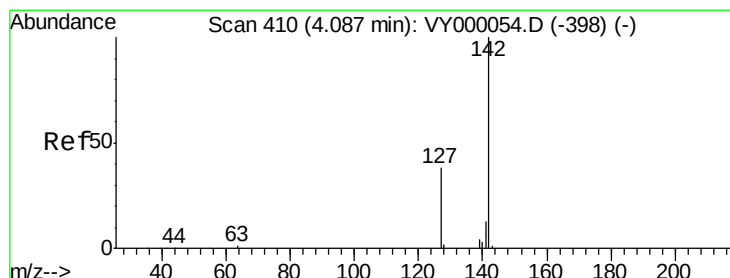
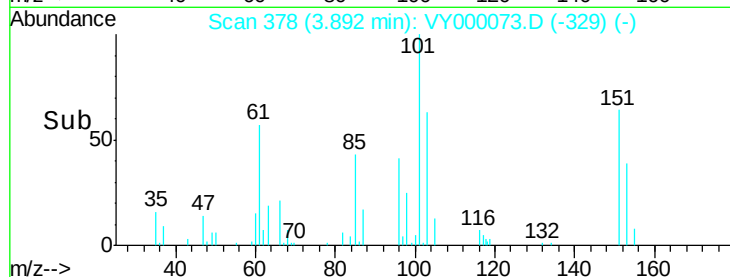
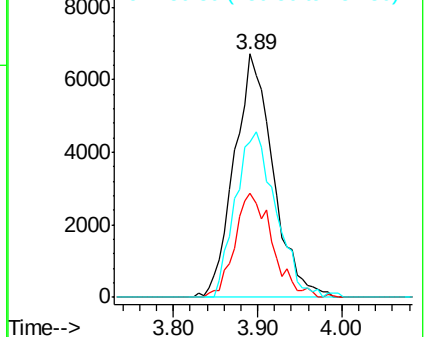
151 70.8 54.4 81.6



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: 16.554 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

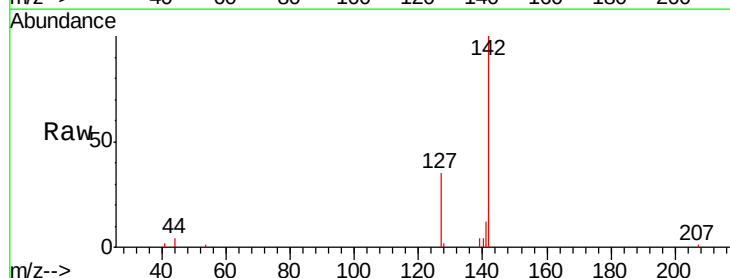
Tgt Ion:142 Resp: 19200

Ion Ratio Lower Upper

142 100

127 38.9 31.6 47.4

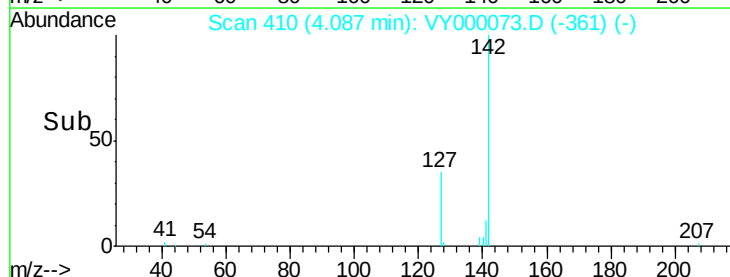
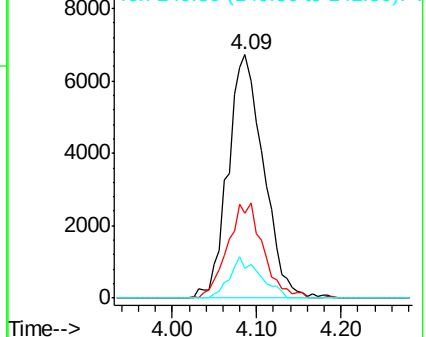
141 14.5 10.9 16.3

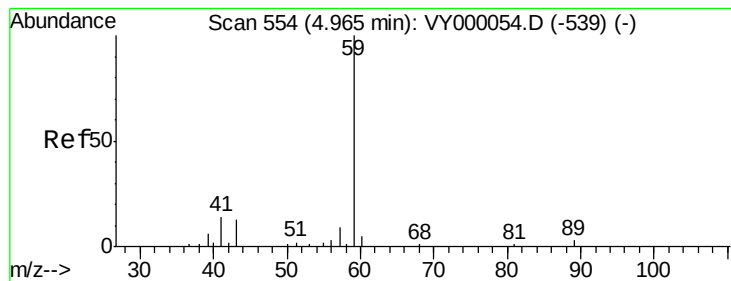


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



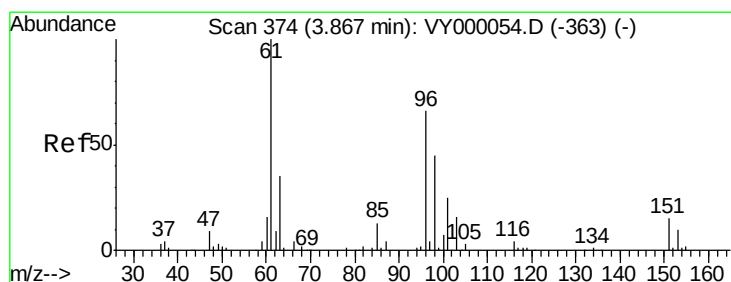
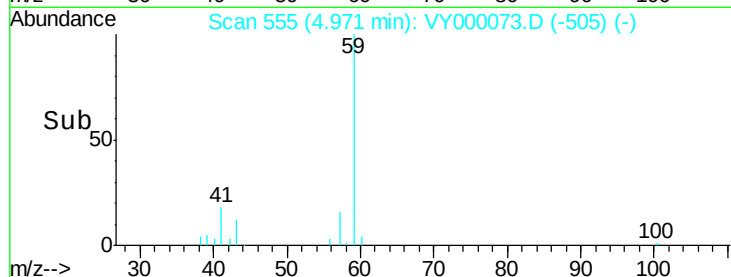
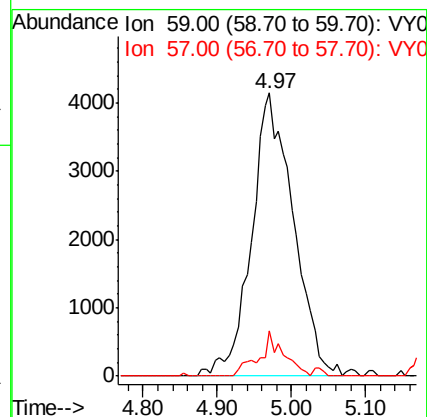
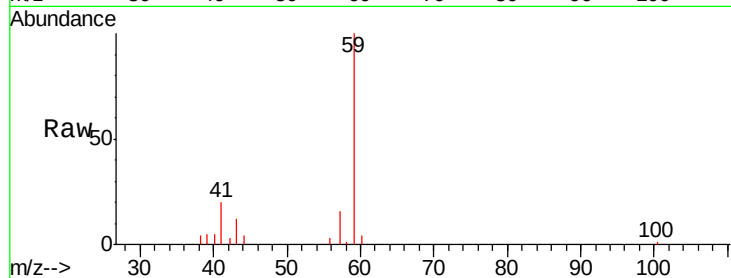


#11

Tert butyl alcohol
 Concen: 113.276 ug/l
 RT: 4.97 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

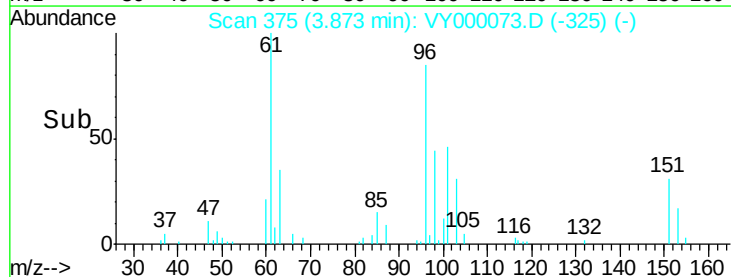
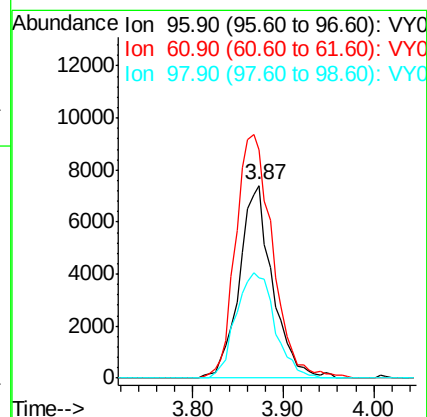
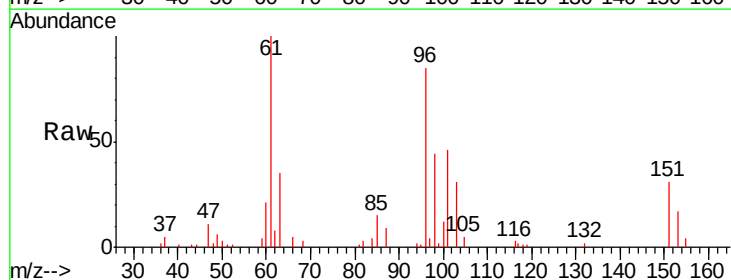
Tgt Ion: 59 Resp: 16280
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.0 12.0

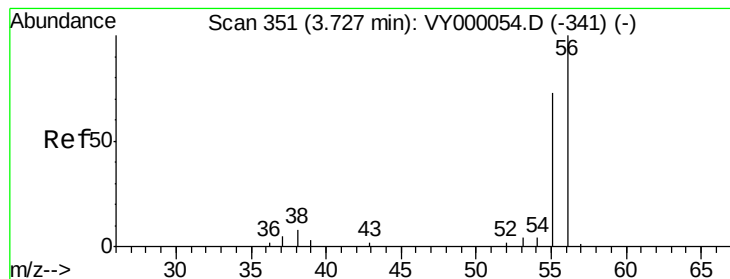


#12

1,1-Dichloroethene
 Concen: 18.371 ug/l
 RT: 3.87 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 96 Resp: 18888
 Ion Ratio Lower Upper
 96 100
 61 118.2 120.4 180.6#
 98 52.3 54.1 81.1#





#13

Acrolein

Concen: 128.291 ug/l

RT: 3.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

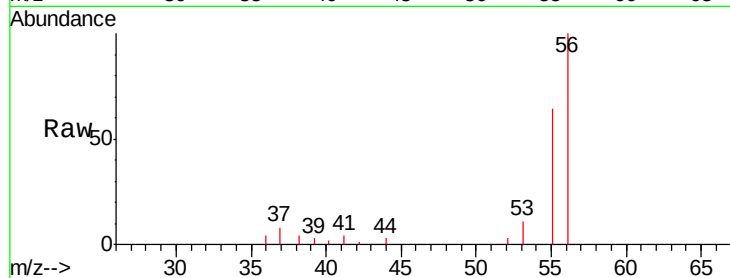
VY0919SBS01

Tgt Ion: 56 Resp: 10358

Ion Ratio Lower Upper

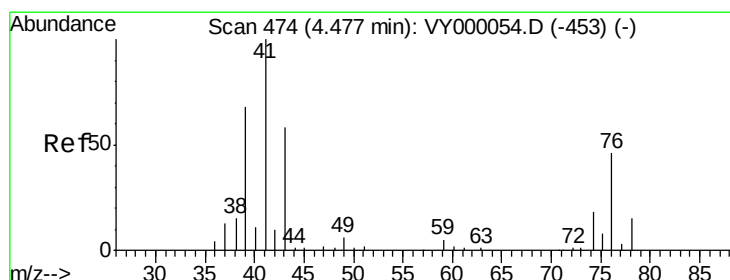
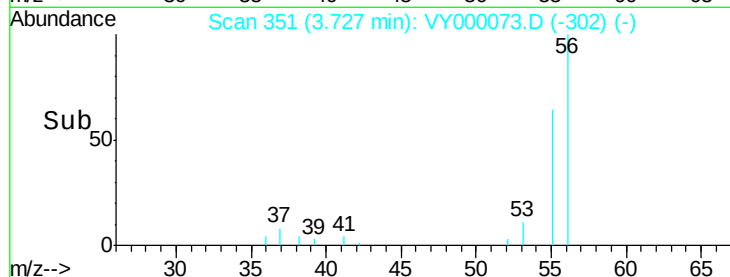
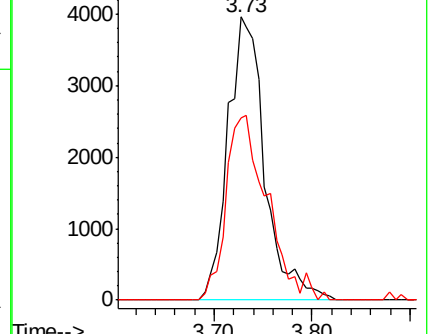
56 100

55 70.5 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 19.936 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

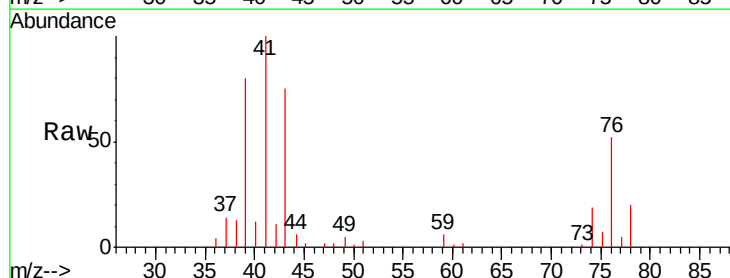
Tgt Ion: 41 Resp: 31327

Ion Ratio Lower Upper

41 100

39 65.2 52.7 79.1

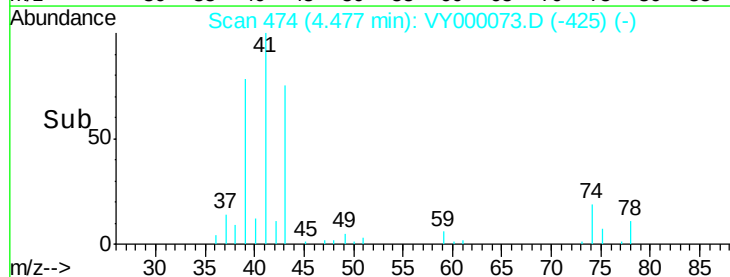
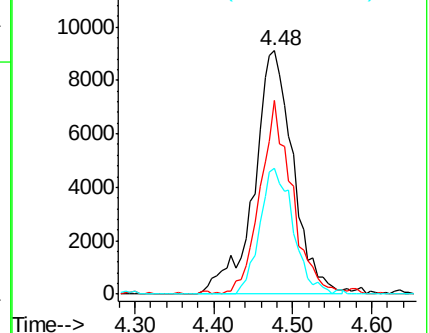
76 44.4 35.5 53.3

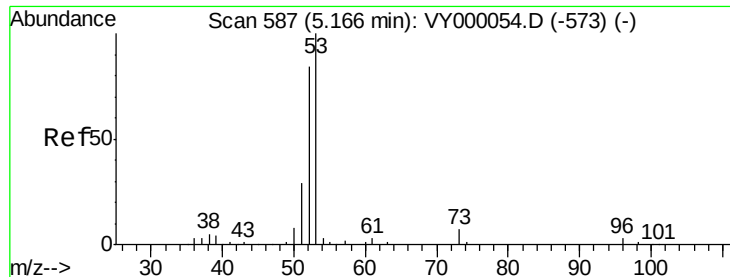


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 109.652 ug/l

RT: 5.17 min Scan# 588

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

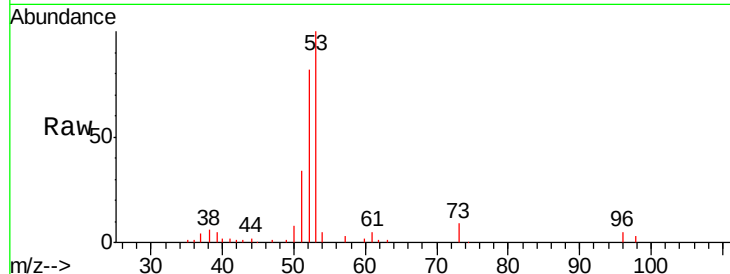
Tgt Ion: 53 Resp: 45768

Ion Ratio Lower Upper

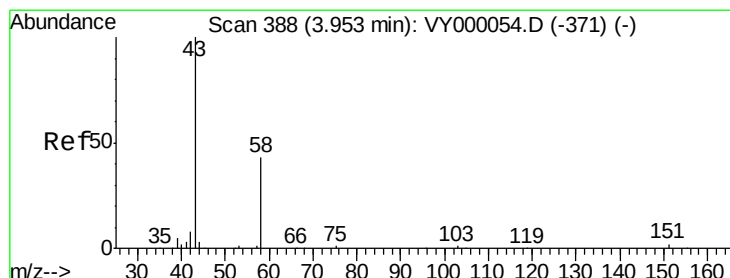
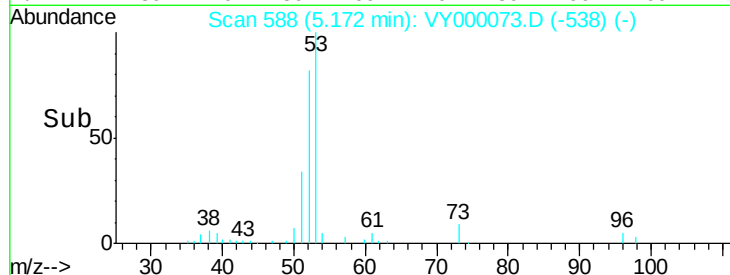
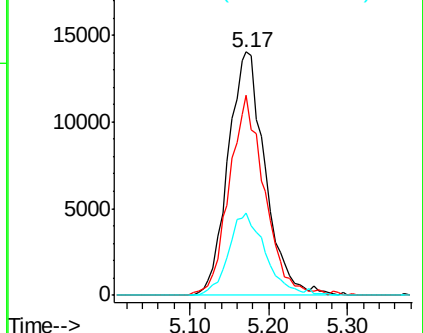
53 100

52 78.3 64.7 97.1

51 33.1 26.7 40.1



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: 99.513 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000073.D

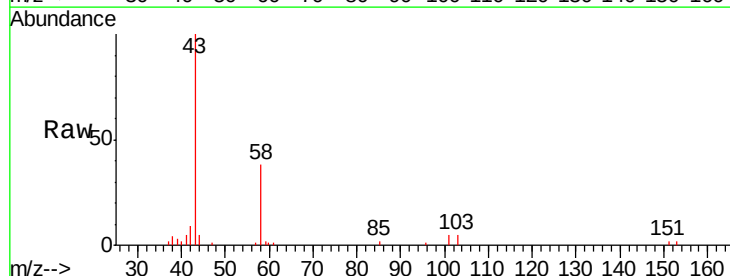
Acq: 19 Sep 2019 13:39

Tgt Ion: 43 Resp: 28089

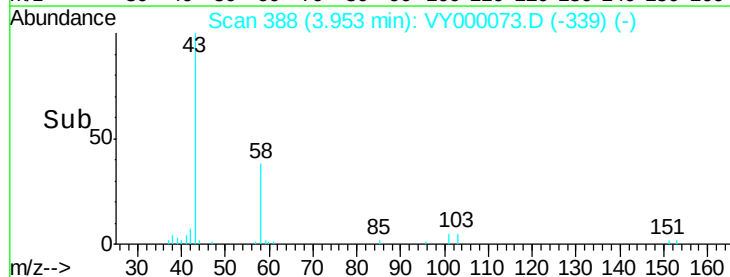
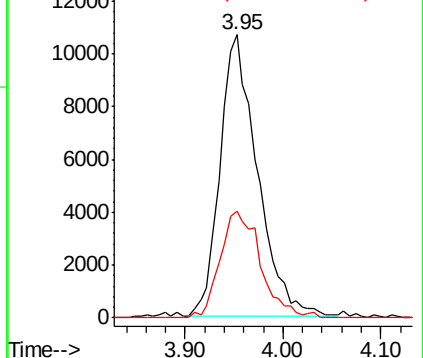
Ion Ratio Lower Upper

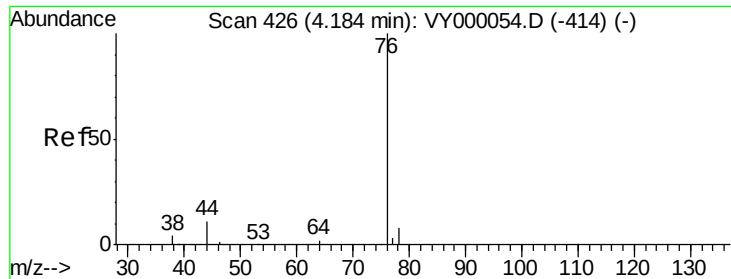
43 100

58 37.9 34.5 51.7



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

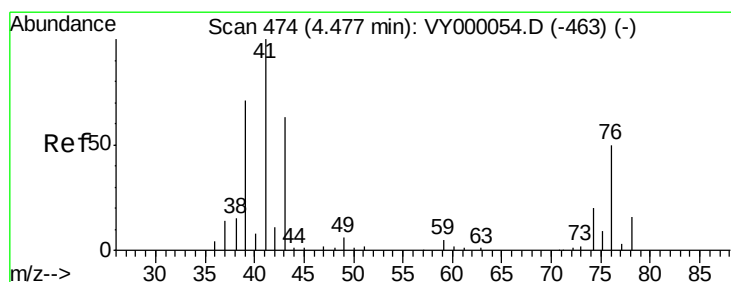
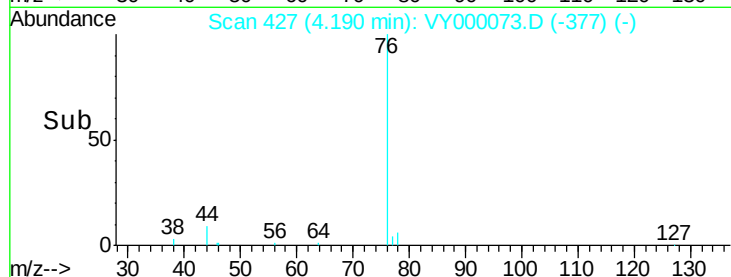
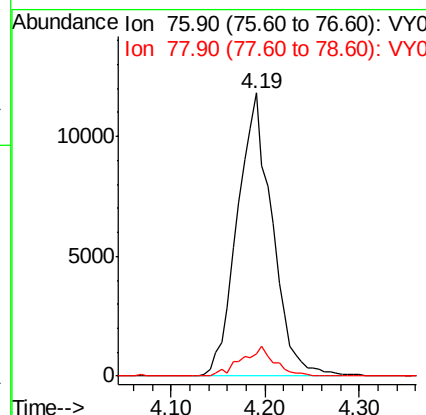
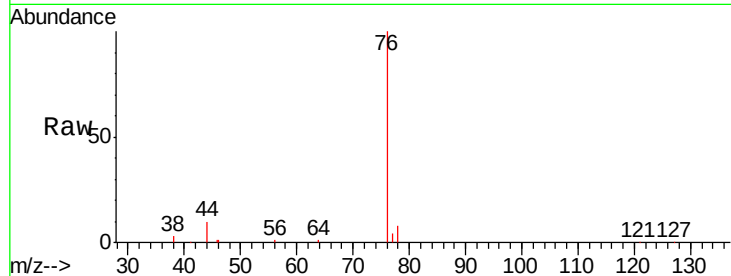




#17
Carbon Disulfide
Concen: 14.216 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

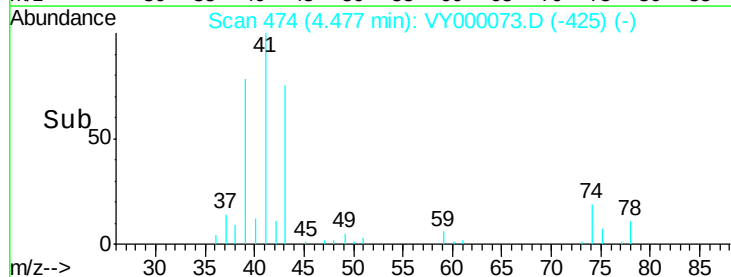
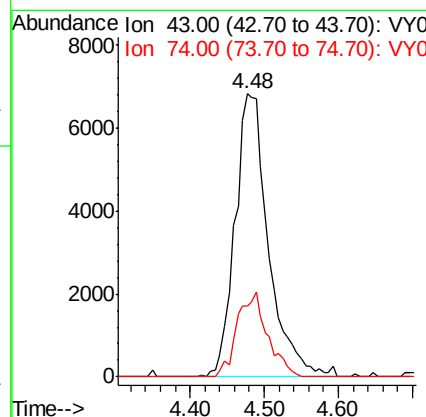
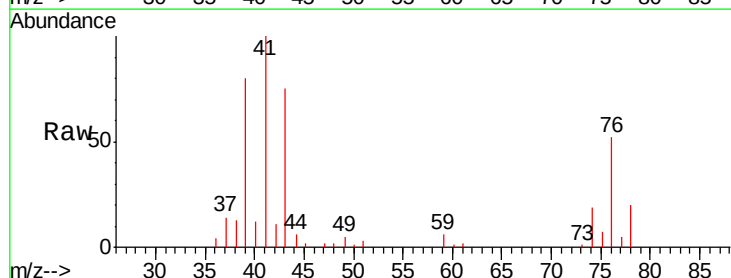
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

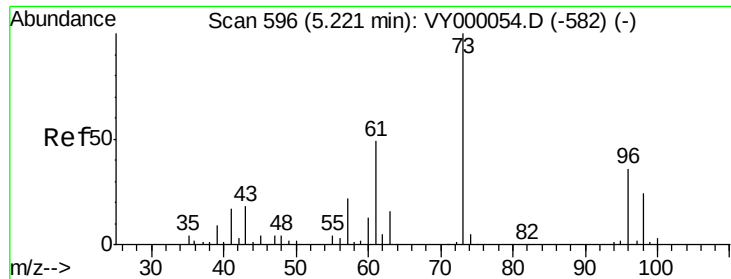
Tgt Ion: 76 Resp: 30483
Ion Ratio Lower Upper
76 100
78 8.1 6.6 9.8



#18
Methyl Acetate
Concen: 22.840 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 43 Resp: 21539
Ion Ratio Lower Upper
43 100
74 27.3 24.1 36.1

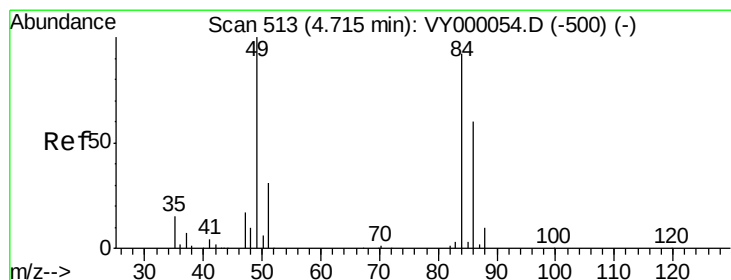
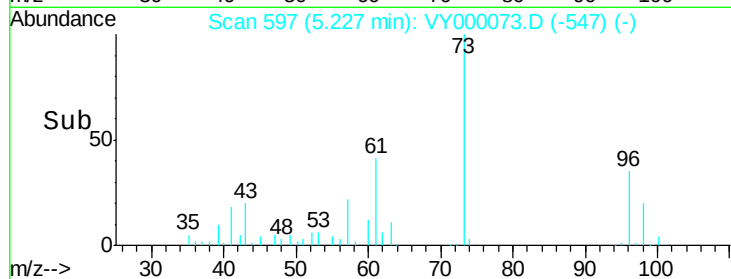
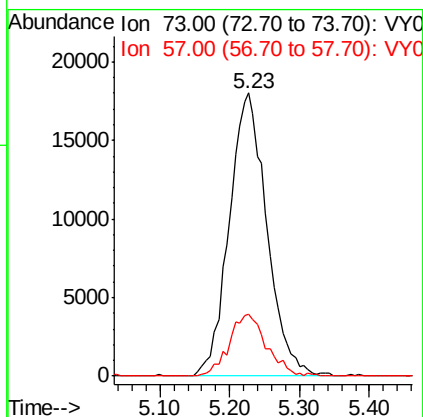
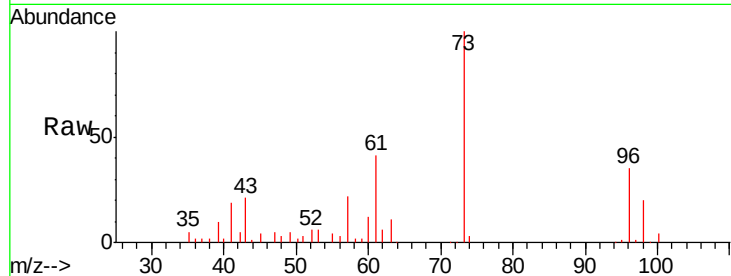




#19
Methyl tert-butyl Ether
Concen: 20.945 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

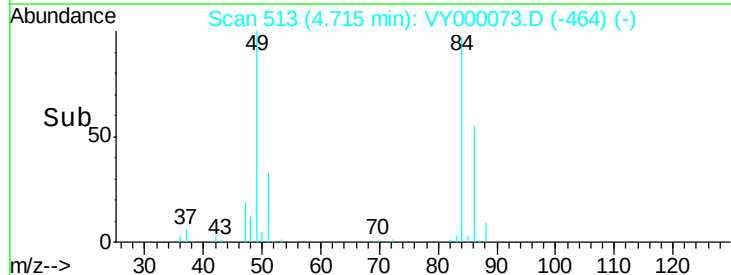
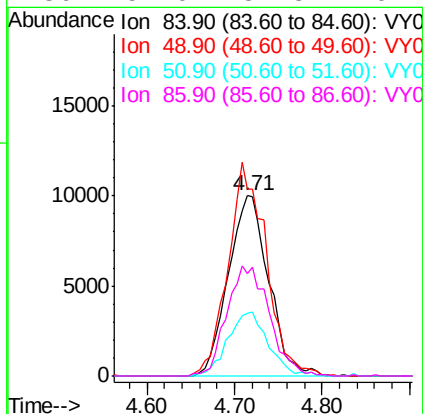
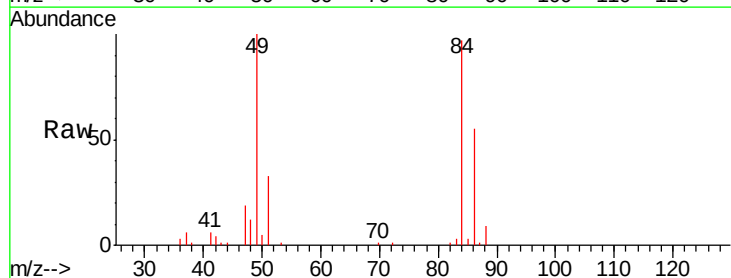
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

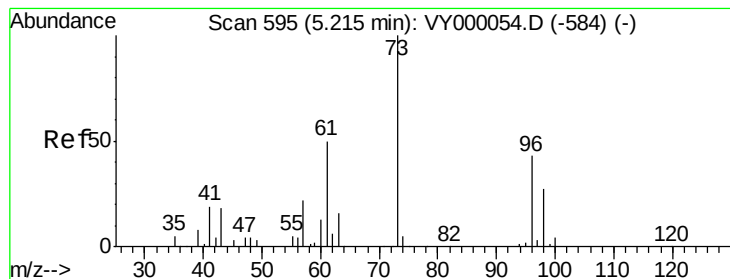
Tgt Ion: 73 Resp: 67294
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 24.166 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 84 Resp: 32089
Ion Ratio Lower Upper
84 100
49 103.5 87.4 131.0
51 34.6 27.2 40.8
86 57.0 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 19.155 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

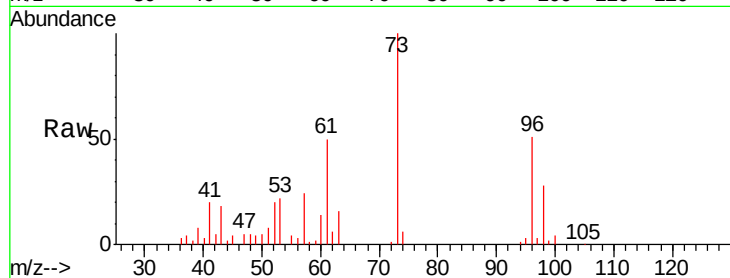
Tgt Ion: 96 Resp: 21892

Ion Ratio Lower Upper

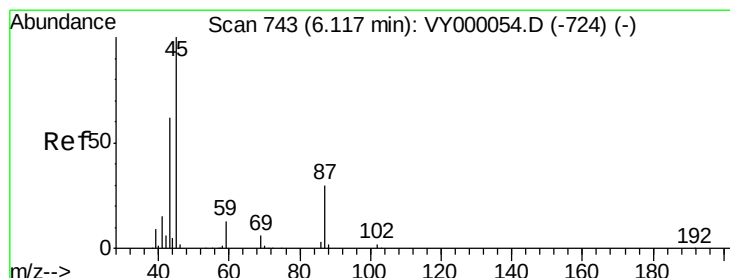
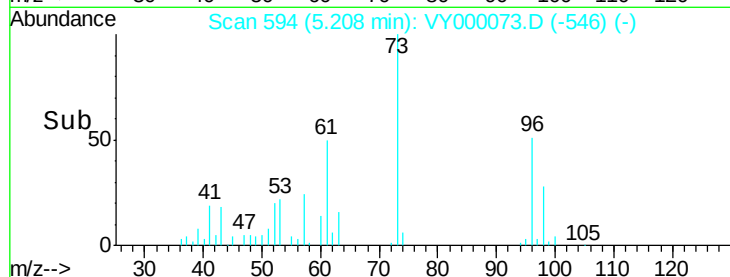
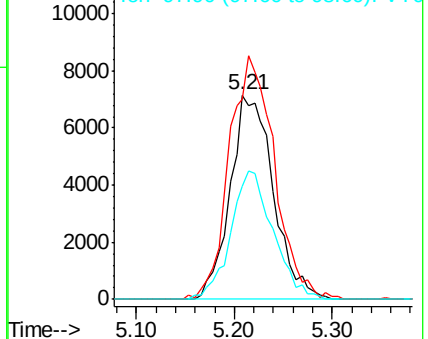
96 100

61 96.8 94.0 141.0

98 55.4 50.3 75.5



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: 21.214 ug/l

RT: 6.13 min Scan# 745

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Tgt Ion: 45 Resp: 75317

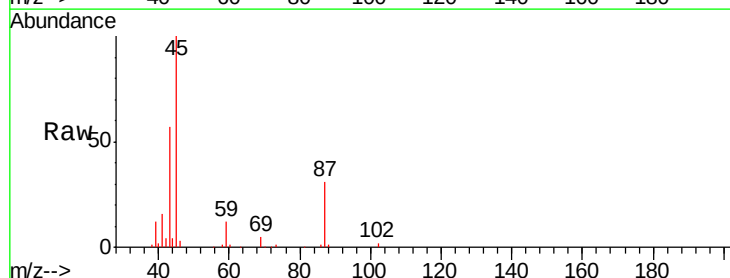
Ion Ratio Lower Upper

45 100

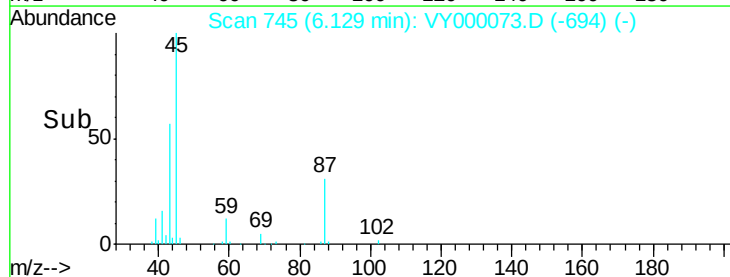
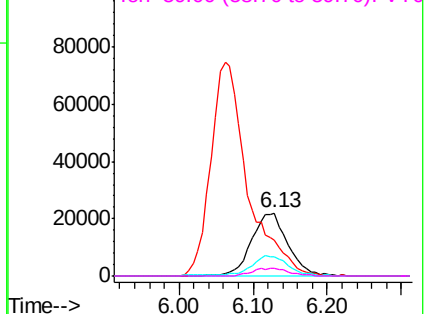
43 55.8 49.9 74.9

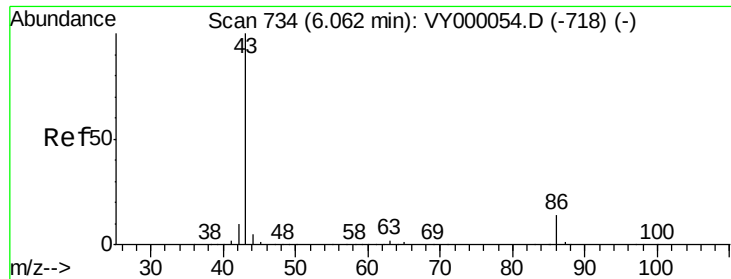
87 30.8 25.0 37.4

59 12.2 10.4 15.6



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: 108.006 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

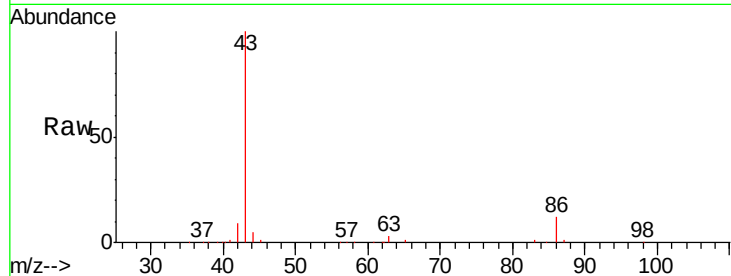
VY0919SBS01

Tgt Ion: 43 Resp: 256639

Ion Ratio Lower Upper

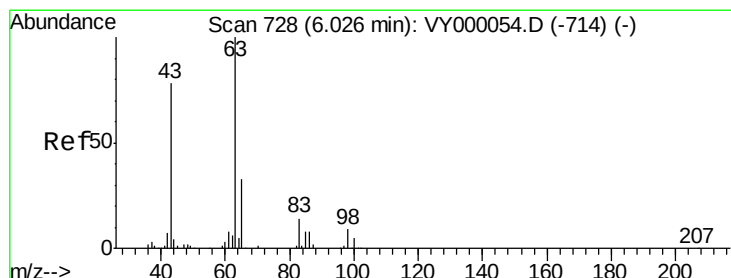
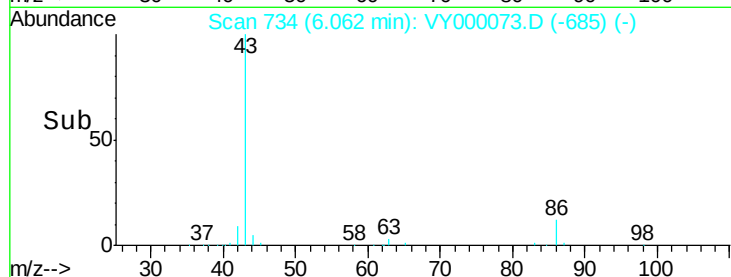
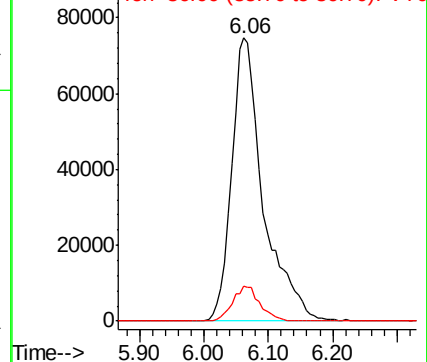
43 100

86 12.4 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.255 ug/l

RT: 6.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

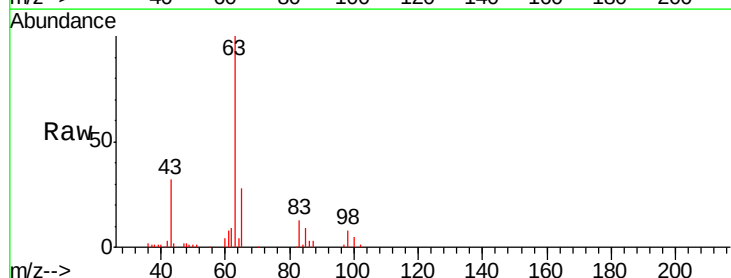
Tgt Ion: 63 Resp: 44663

Ion Ratio Lower Upper

63 100

98 8.1 4.5 13.5

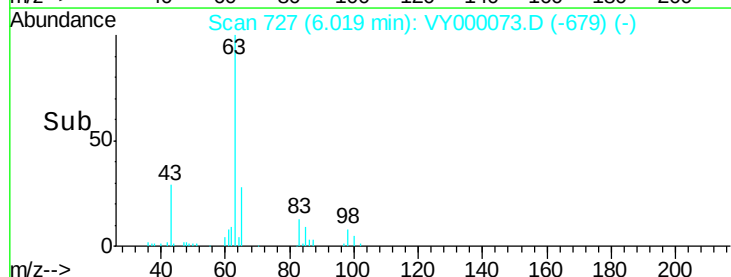
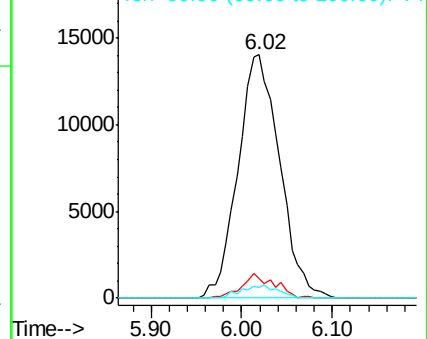
100 4.6 2.5 7.5

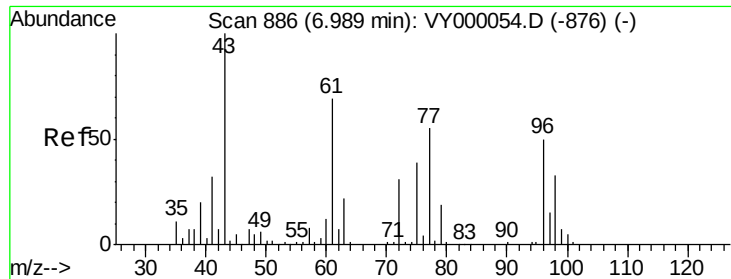


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.258 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

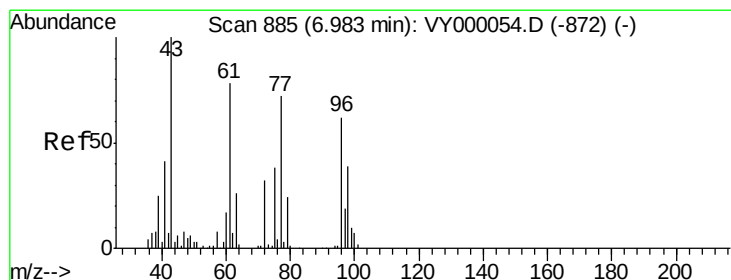
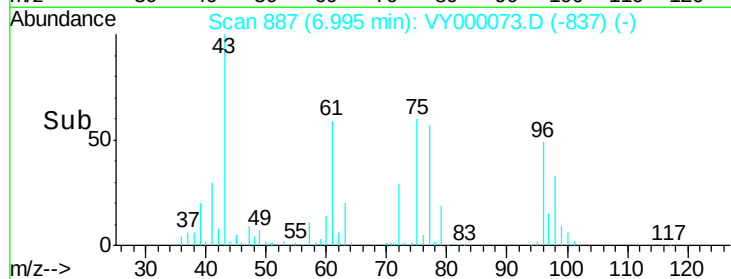
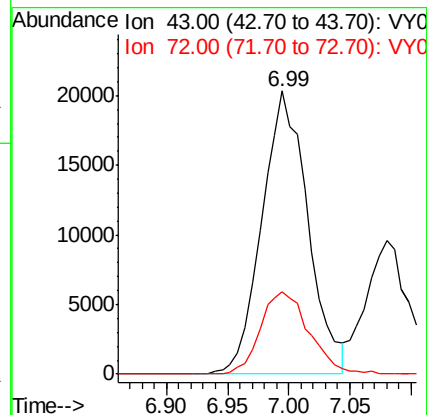
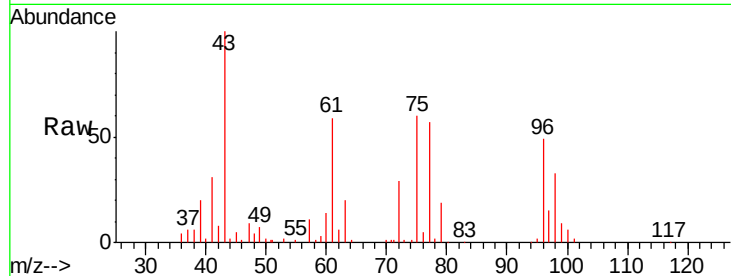
VY0919SBS01

Tgt Ion: 43 Resp: 53302

Ion Ratio Lower Upper

43 100

72 29.2 24.7 37.1



#26

2,2-Dichloropropane

Concen: 20.241 ug/l

RT: 6.98 min Scan# 884

Delta R.T. -0.01 min

Lab File: VY000073.D

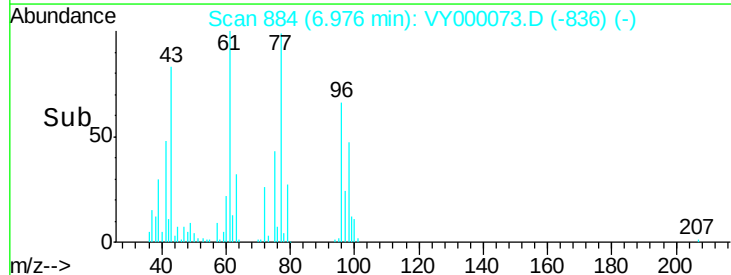
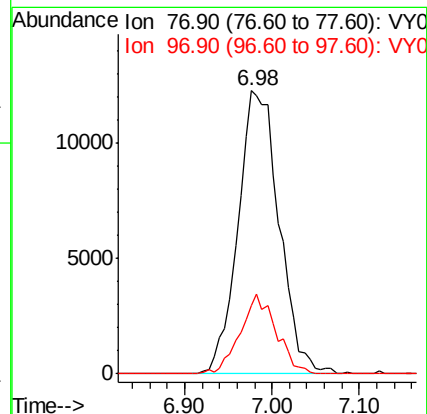
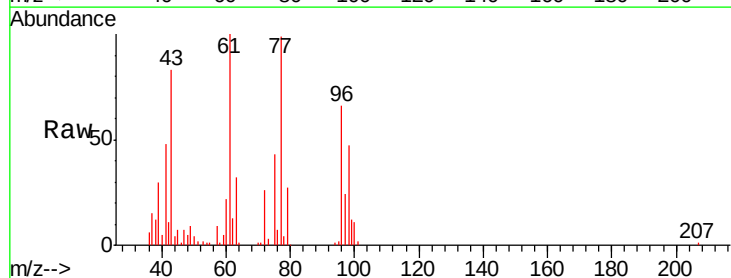
Acq: 19 Sep 2019 13:39

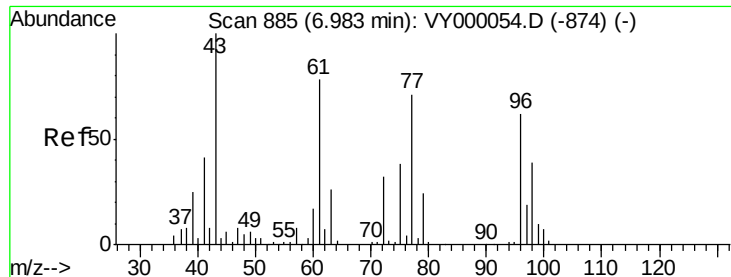
Tgt Ion: 77 Resp: 40140

Ion Ratio Lower Upper

77 100

97 24.5 12.5 37.5



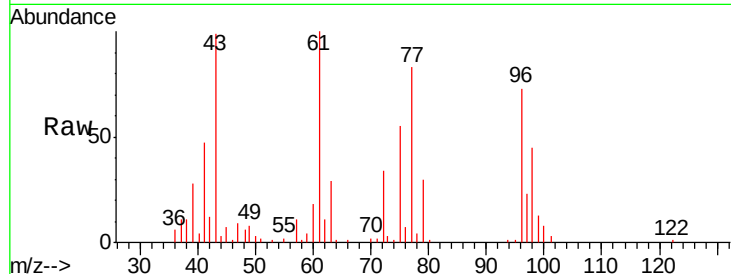


#27

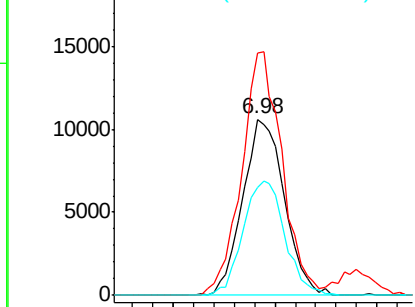
cis-1,2-Dichloroethene
Concen: 20.818 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

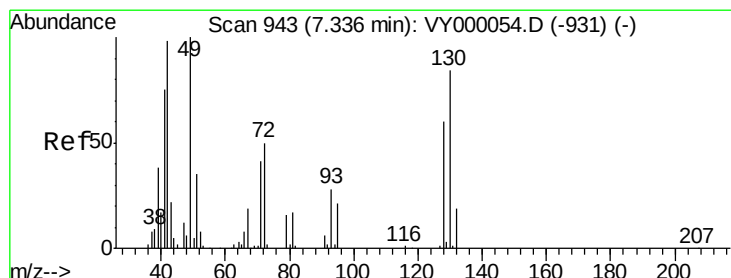
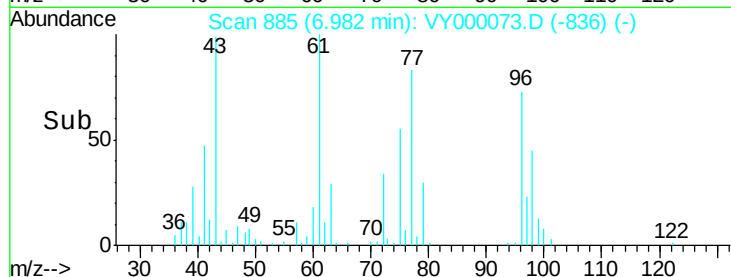
Tgt Ion: 96 Resp: 30124
Ion Ratio Lower Upper
96 100
61 133.4 0.0 263.0
98 65.2 0.0 130.2



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



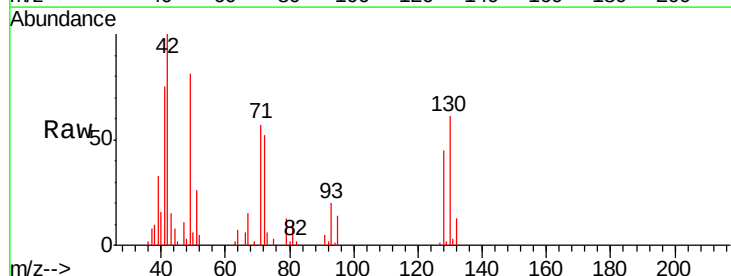
Time-->



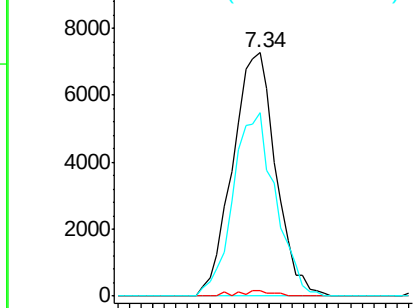
#28

Bromochloromethane
Concen: 19.222 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

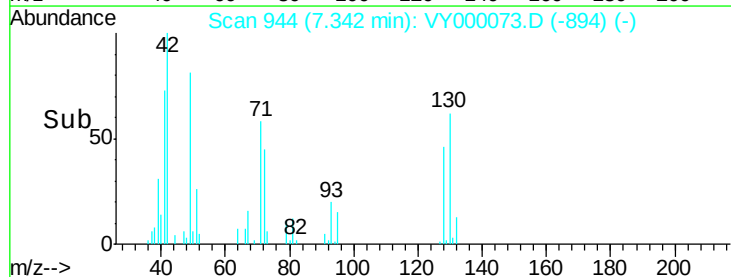
Tgt Ion: 49 Resp: 18723
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 74.2 66.2 99.4

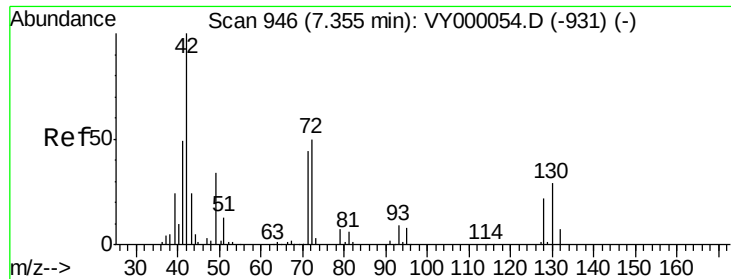


Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0



Time-->

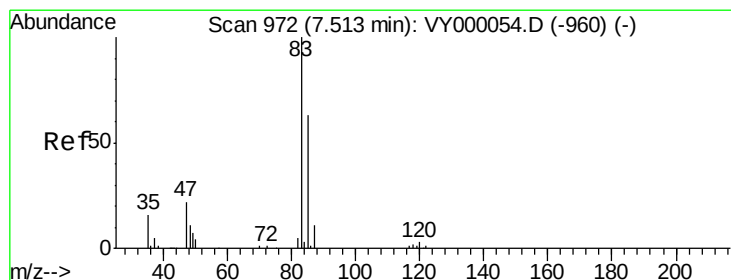
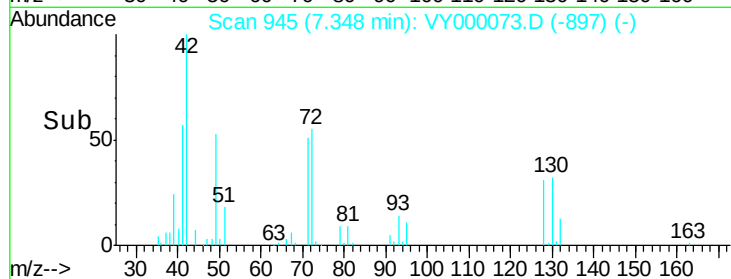
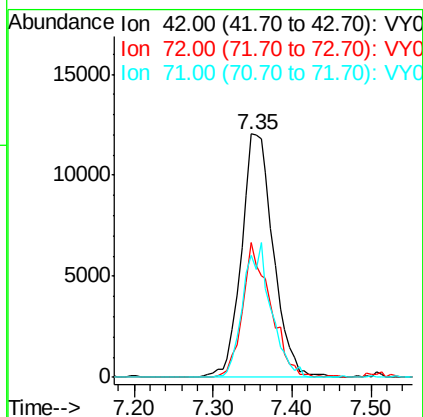
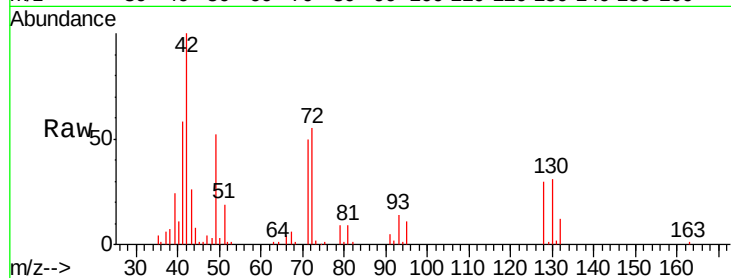




#29
Tetrahydrofuran
Concen: 110.062 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

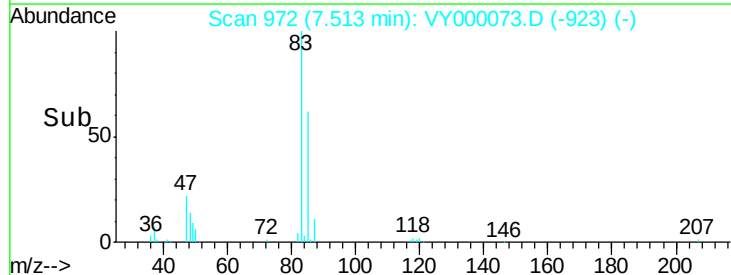
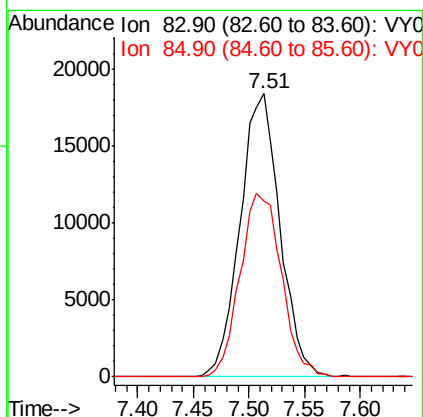
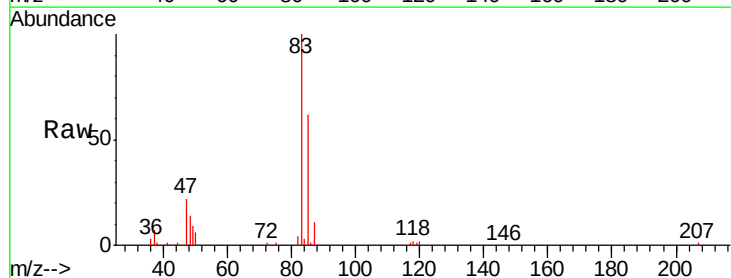
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

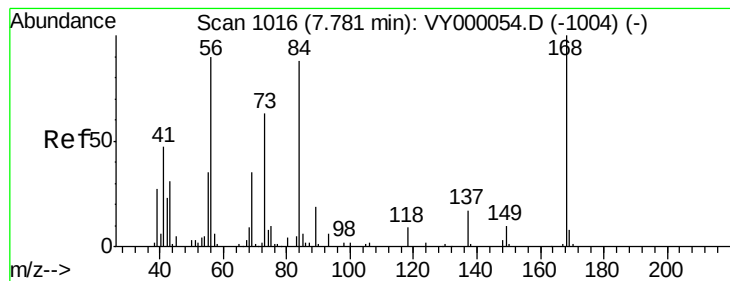
Tgt Ion: 42 Resp: 33780
Ion Ratio Lower Upper
42 100
72 48.6 41.8 62.6
71 48.5 38.6 58.0



#30
Chloroform
Concen: 21.131 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 83 Resp: 45823
Ion Ratio Lower Upper
83 100
85 62.3 50.6 76.0





#31

Cyclohexane

Concen: 19.004 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

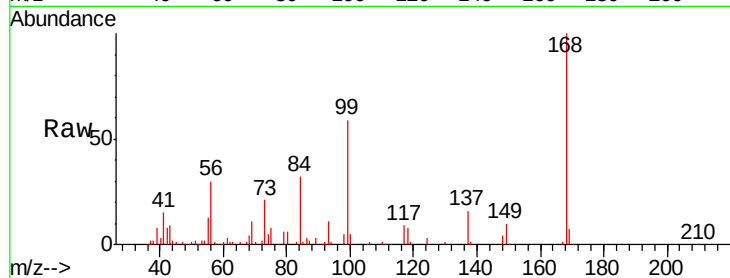
Tgt Ion: 56 Resp: 32510

Ion Ratio Lower Upper

56 100

69 36.5 30.9 46.3

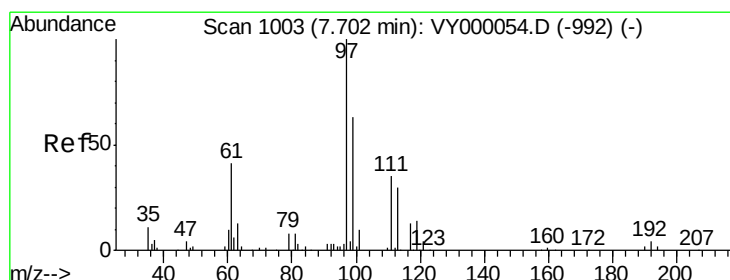
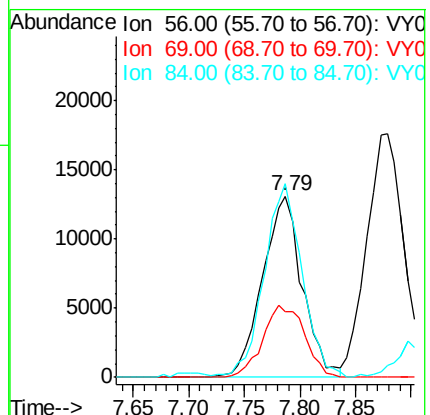
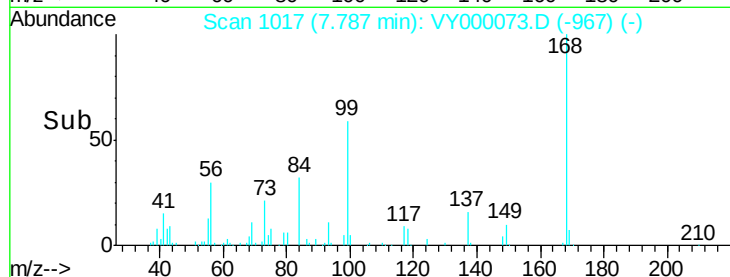
84 104.2 78.5 117.7



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: 21.467 ug/l

RT: 7.71 min Scan# 1004

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

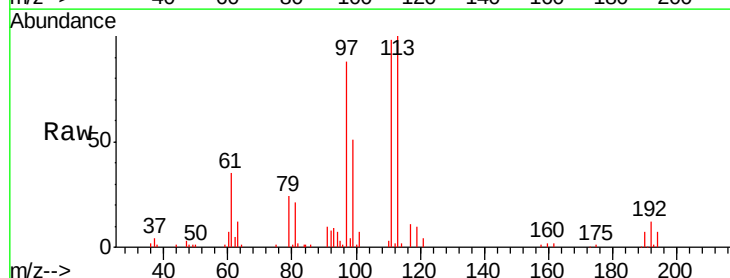
Tgt Ion: 97 Resp: 37811

Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

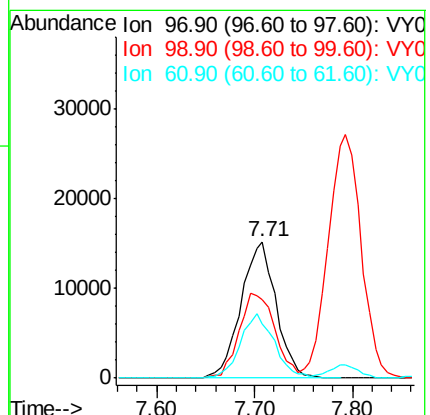
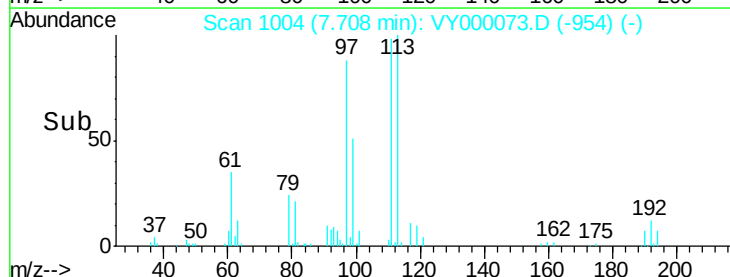
61 45.4 34.3 51.5

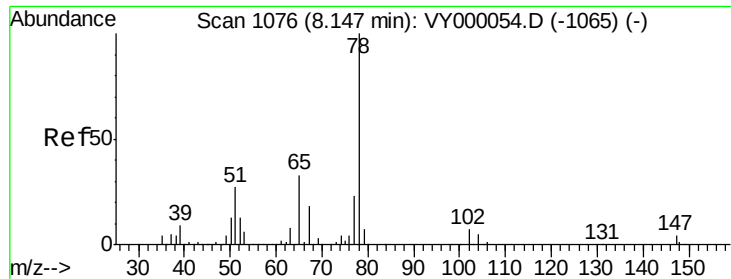


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

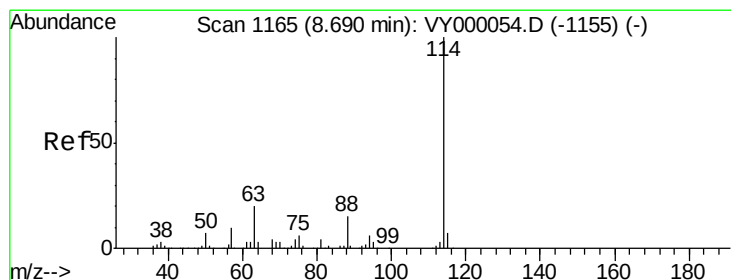
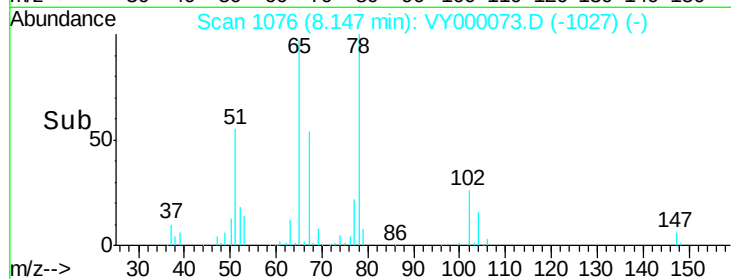
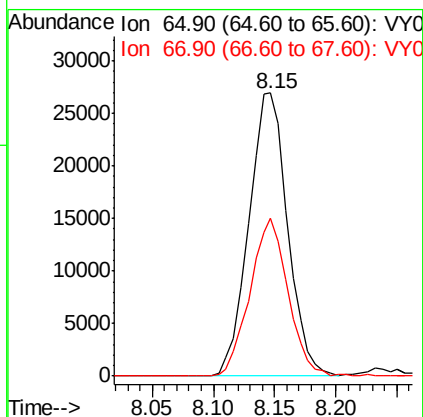
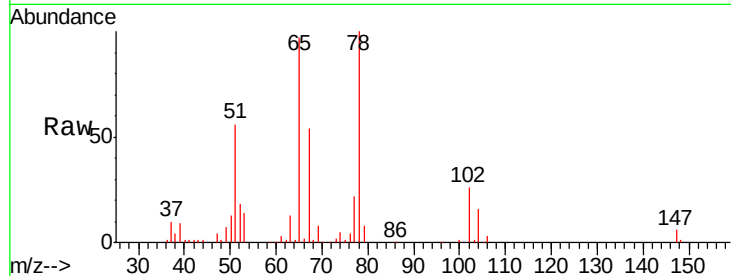




#33
 1,2-Dichloroethane-d4
 Concen: 49.020 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

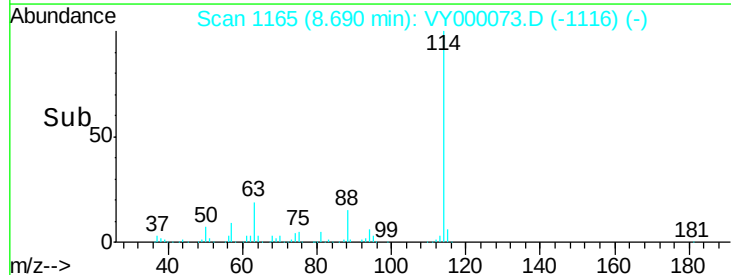
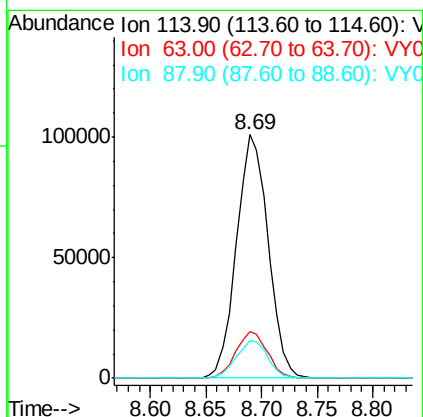
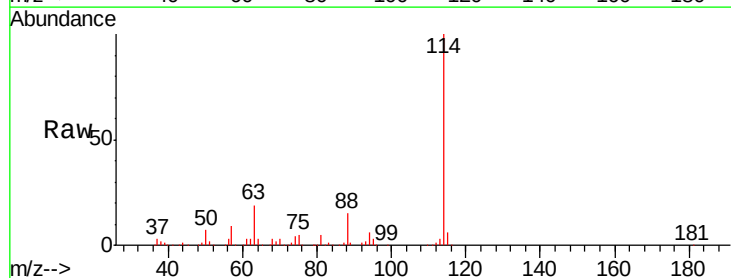
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

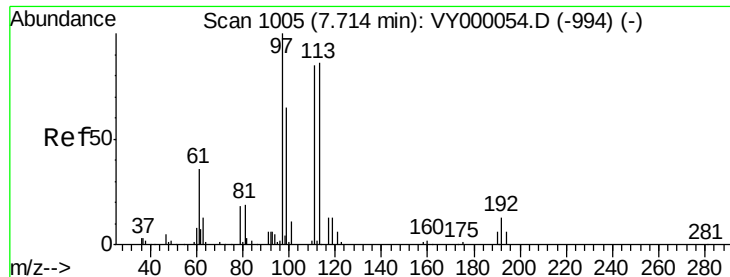
Tgt Ion: 65 Resp: 59427
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 114 Resp: 198758
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.2 0.0 30.2

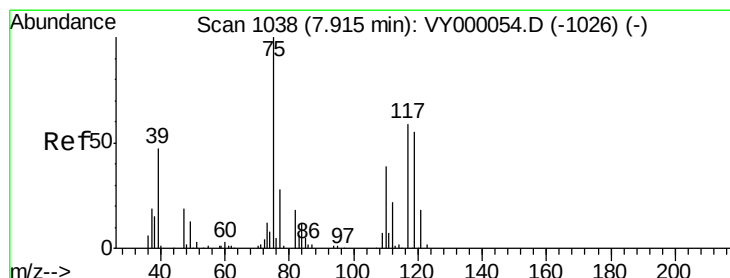
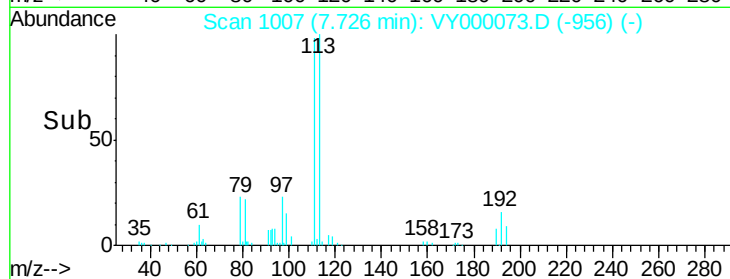
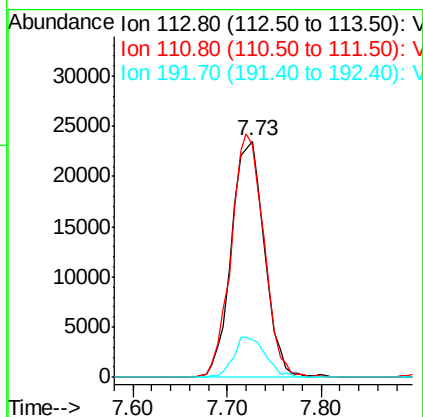
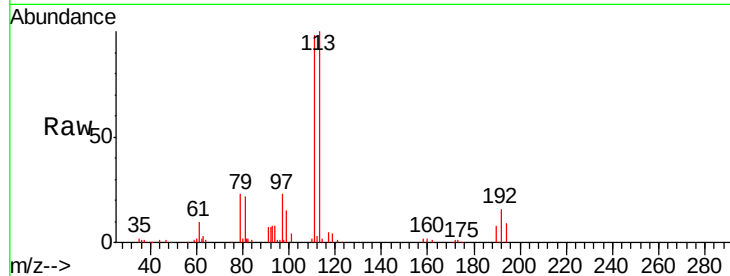




#35
 Dibromofluoromethane
 Concen: 47.812 ug/l
 RT: 7.73 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

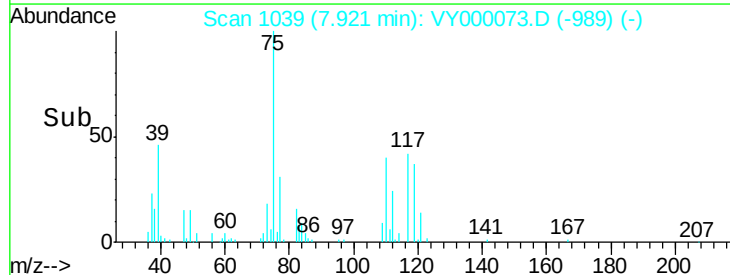
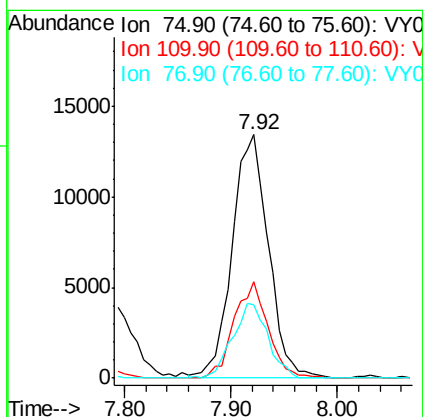
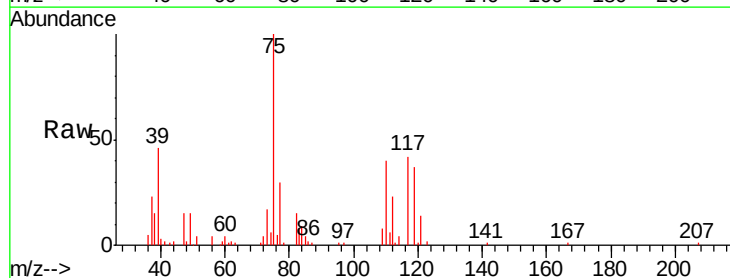
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

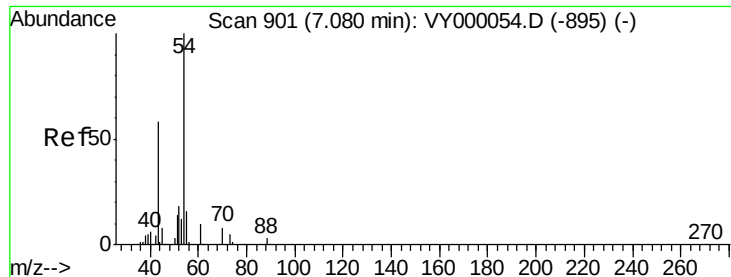
Tgt Ion: 113 Resp: 57538
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 16.6 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 21.598 ug/l
 RT: 7.92 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 75 Resp: 32099
 Ion Ratio Lower Upper
 75 100
 110 37.2 19.6 58.7
 77 30.0 24.3 36.5

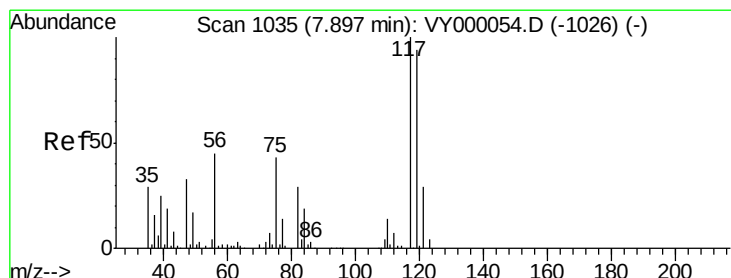
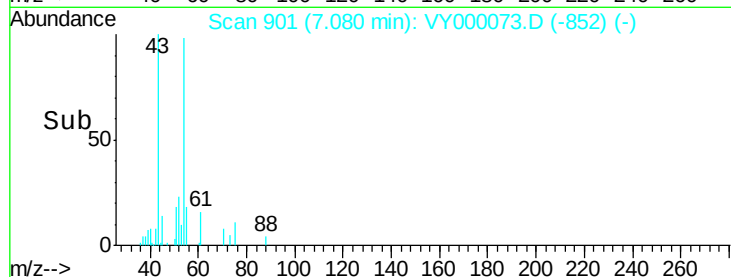
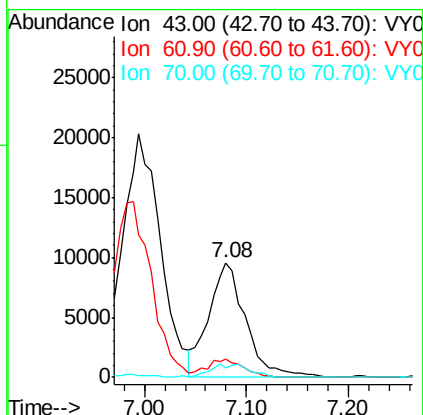
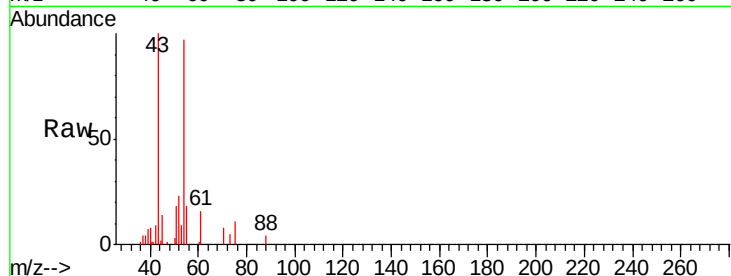




#37
Ethyl Acetate
Concen: 24.540 ug/l
RT: 7.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

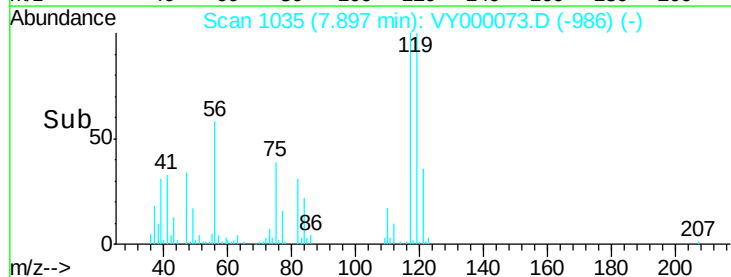
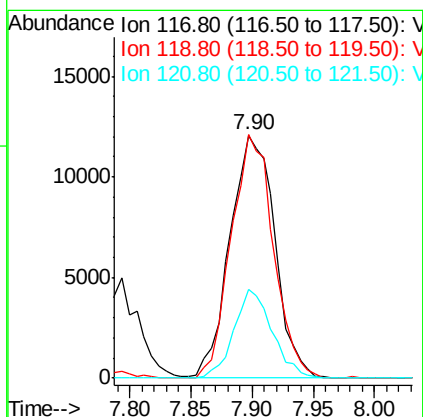
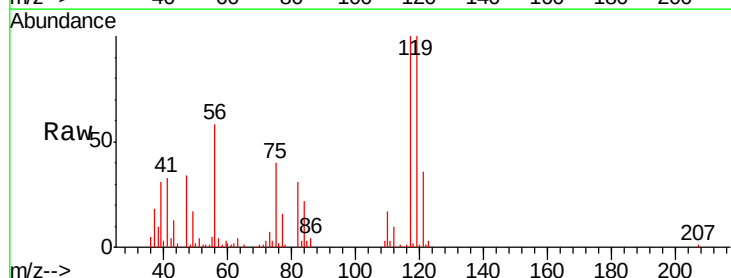
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

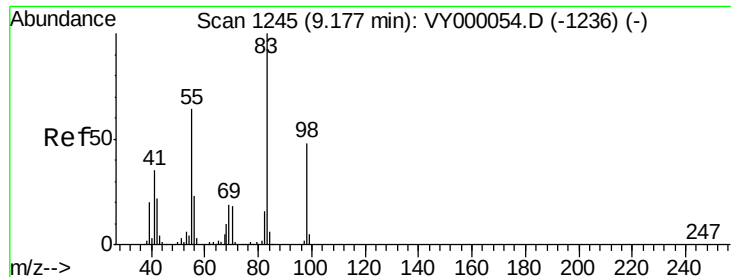
Tgt Ion: 43 Resp: 24310
Ion Ratio Lower Upper
43 100
61 15.3 14.1 21.1
70 5.4 10.6 15.8#



#38
Carbon Tetrachloride
Concen: 21.869 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 117 Resp: 30674
Ion Ratio Lower Upper
117 100
119 100.4 75.0 112.6
121 36.5 22.8 34.2#

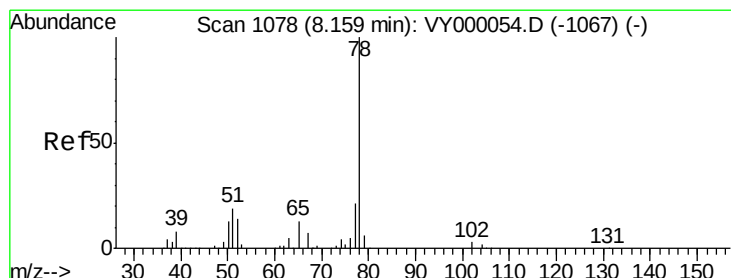
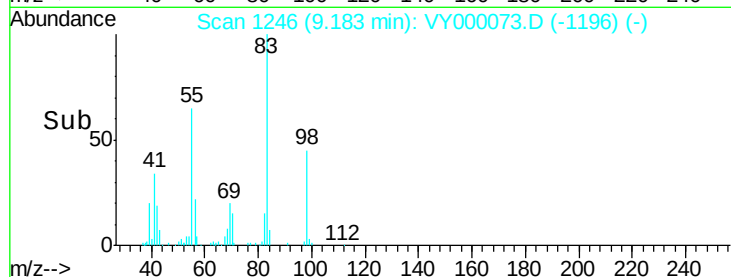
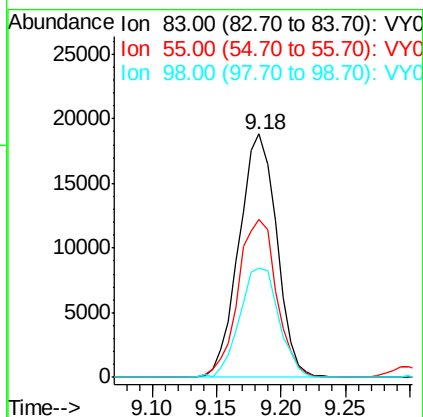
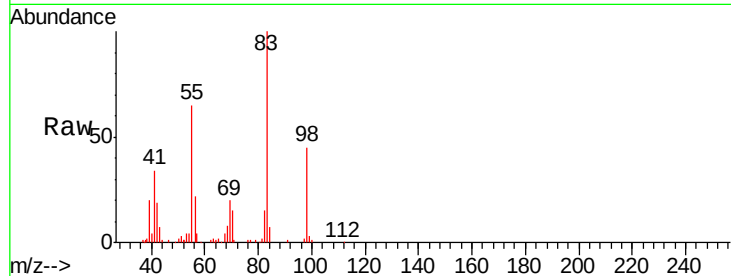




#39
Methylcyclohexane
Concen: 20.884 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

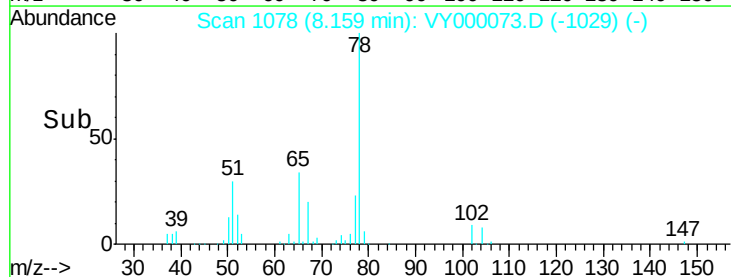
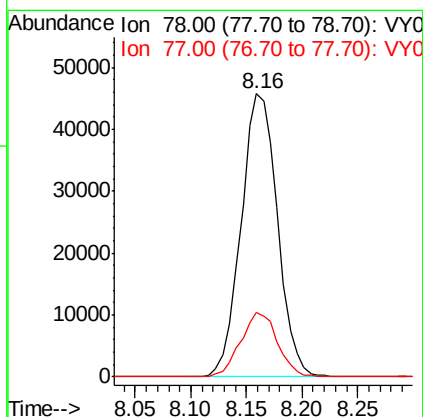
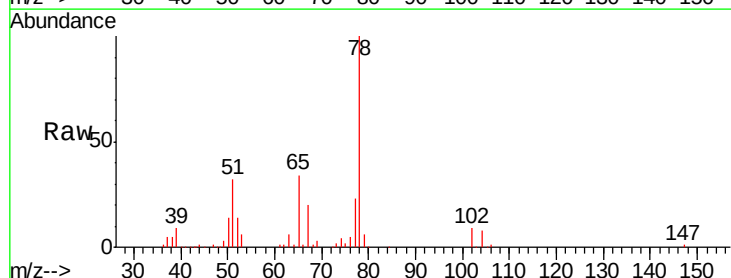
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

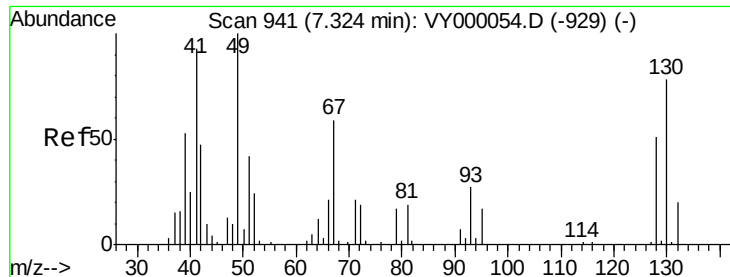
Tgt Ion: 83 Resp: 38164
Ion Ratio Lower Upper
83 100
55 64.8 51.0 76.6
98 45.1 38.5 57.7



#40
Benzene
Concen: 21.177 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 78 Resp: 103949
Ion Ratio Lower Upper
78 100
77 23.0 16.8 25.2

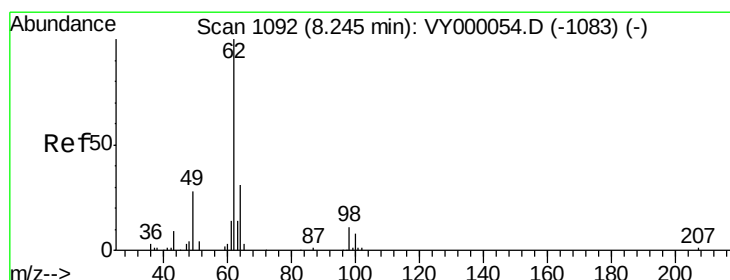
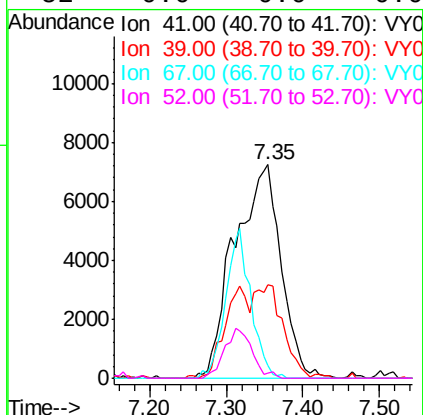
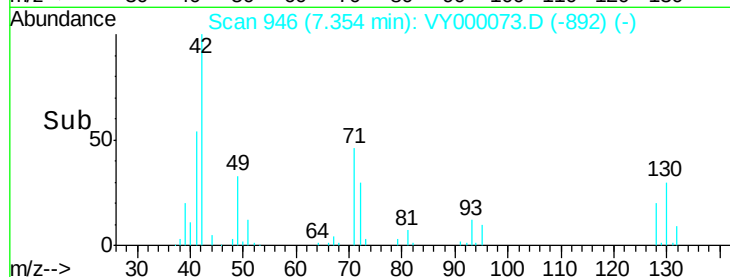
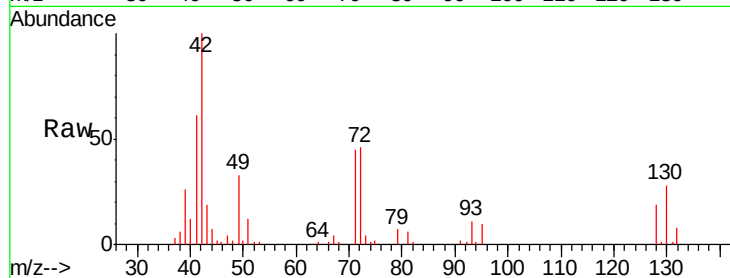




#41
Methacrylonitrile
Concen: 43.236 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.03 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

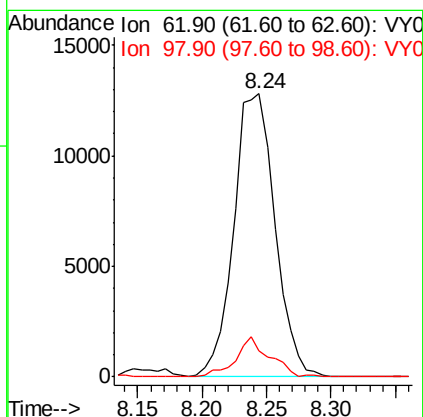
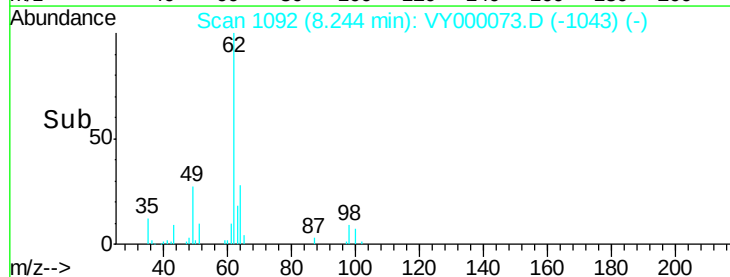
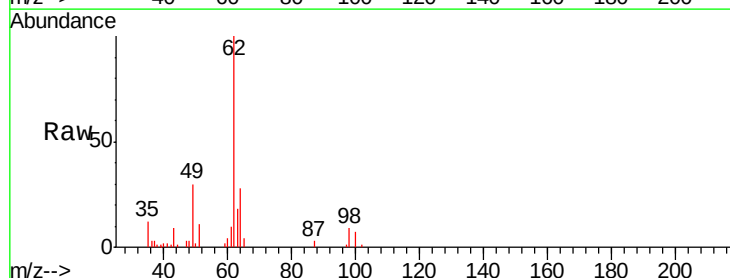
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

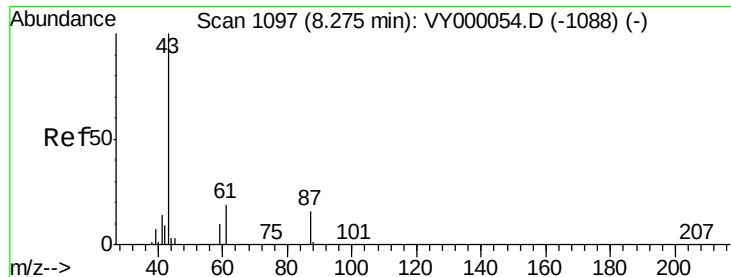
Tgt Ion:	41	Resp:	30557
Ion	Ratio	Lower	Upper
41	100		
39	0.0	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 21.850 ug/l
RT: 8.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion:	62	Resp:	28410
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	23.6





#43

Isopropyl Acetate

Concen: 22.697 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

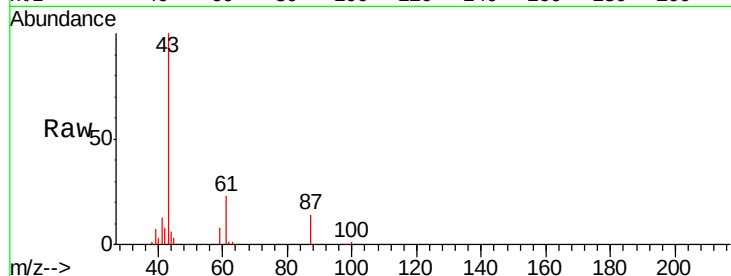
Tgt Ion: 43 Resp: 43973

Ion Ratio Lower Upper

43 100

61 28.7 25.0 37.6

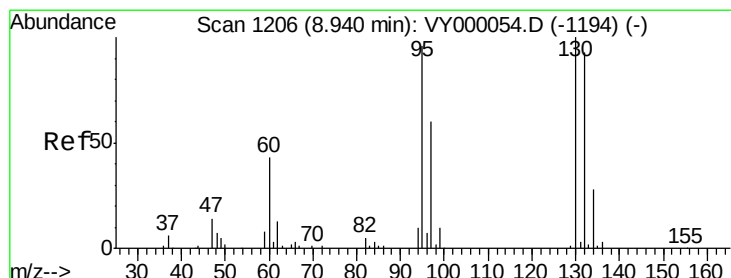
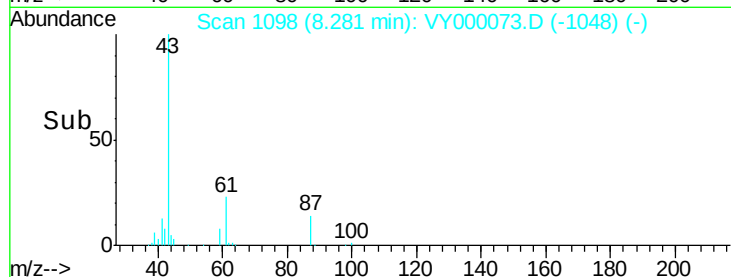
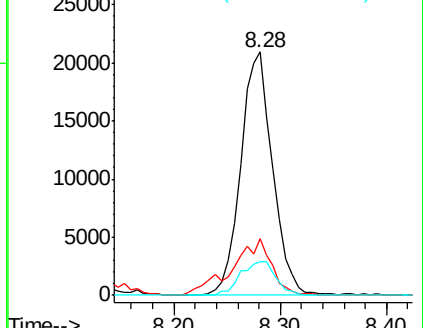
87 15.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY000054.D (-1088) (-)

Ion 61.00 (60.70 to 61.70): VY000054.D (-1088) (-)

Ion 87.00 (86.70 to 87.70): VY000054.D (-1088) (-)



#44

Trichloroethene

Concen: 21.758 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VY000073.D

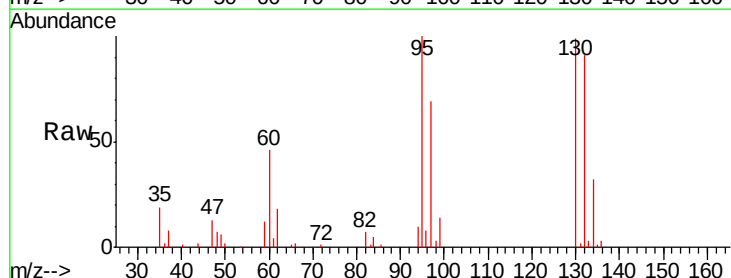
Acq: 19 Sep 2019 13:39

Tgt Ion: 130 Resp: 27285

Ion Ratio Lower Upper

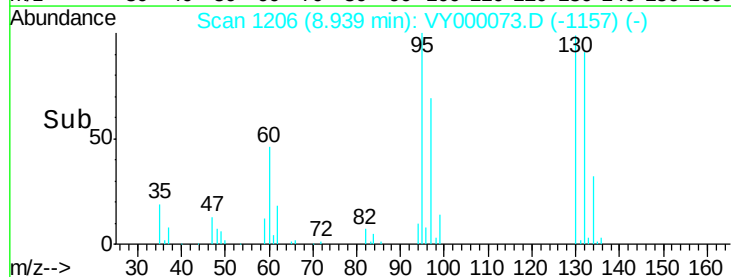
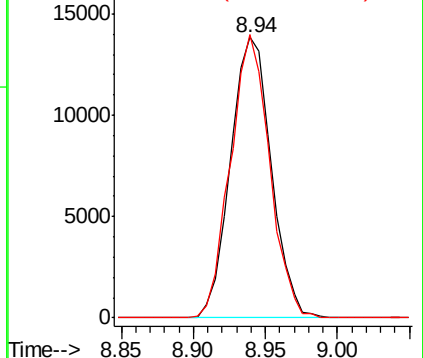
130 100

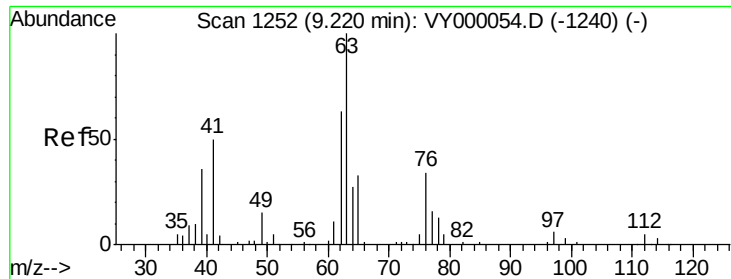
95 101.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VY000054.D (-1194) (-)

Ion 94.90 (94.60 to 95.60): VY000054.D (-1194) (-)

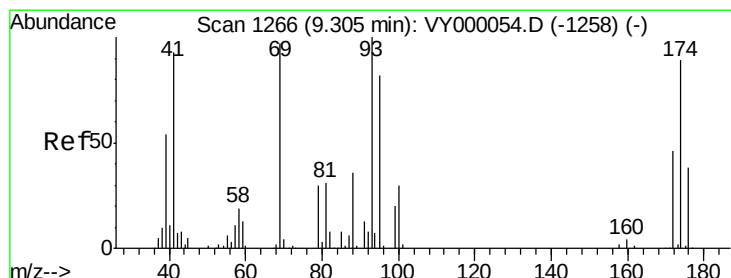
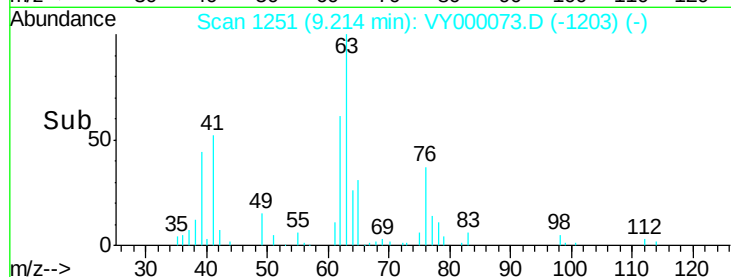
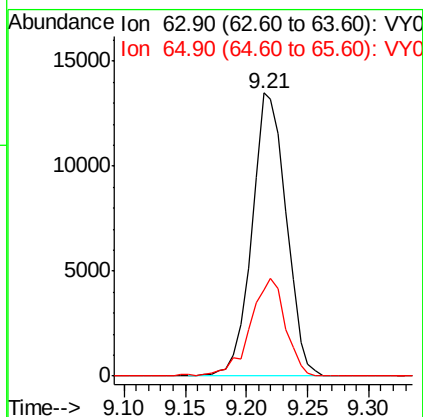
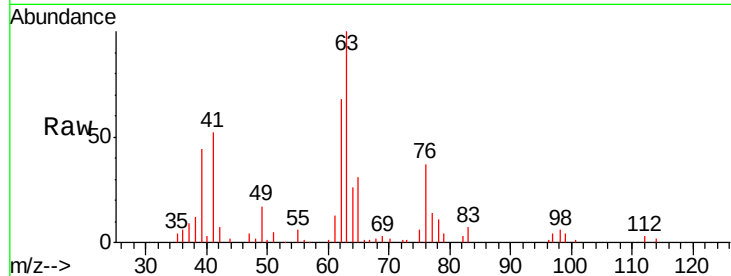




#45
 1,2-Dichloropropane
 Concen: 20.770 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

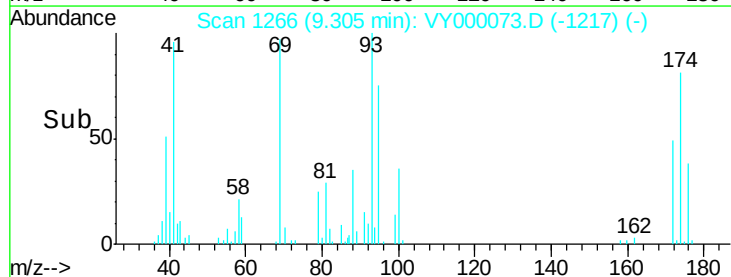
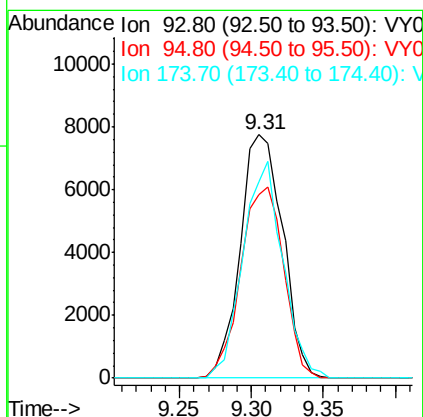
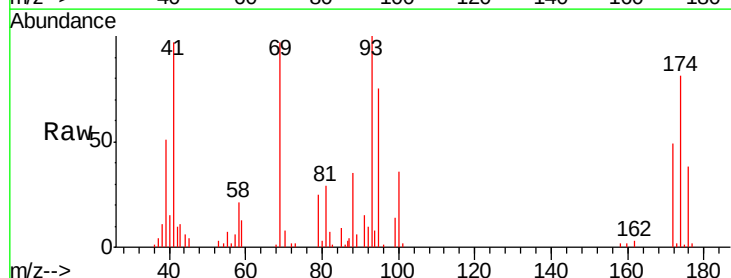
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

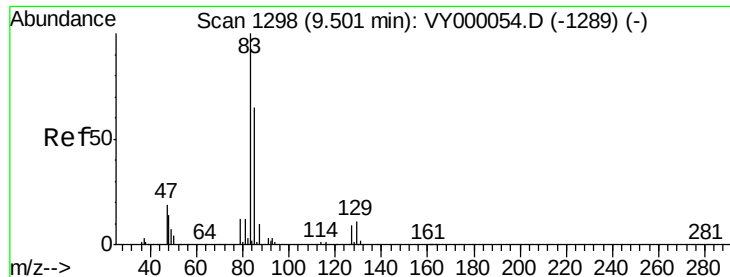
Tgt Ion: 63 Resp: 26410
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.2 39.4



#46
 Dibromomethane
 Concen: 22.783 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 93 Resp: 15824
 Ion Ratio Lower Upper
 93 100
 95 79.2 68.1 102.1
 174 83.5 67.8 101.6





#47

Bromodichloromethane

Concen: 21.586 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

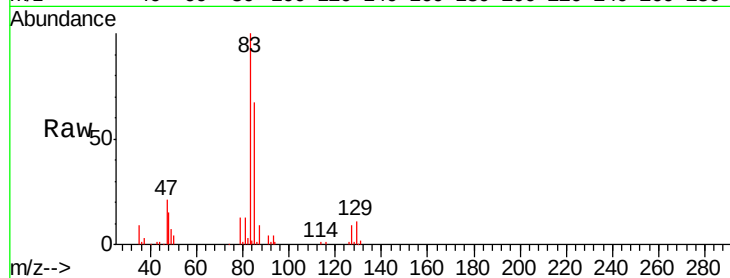
Tgt Ion: 83 Resp: 36381

Ion Ratio Lower Upper

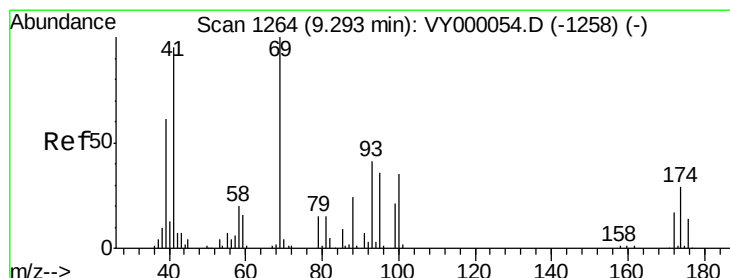
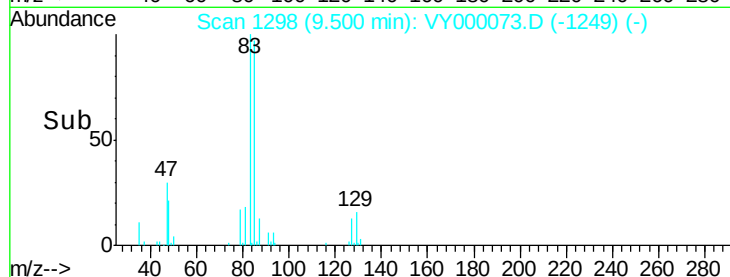
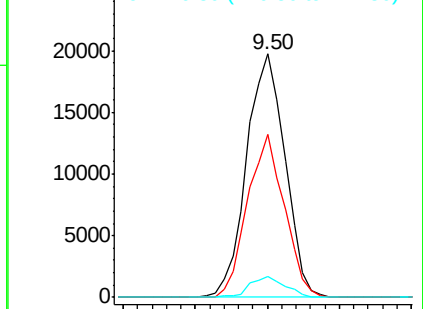
83 100

85 66.8 52.3 78.5

127 8.7 6.8 10.2



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



#48

Methyl methacrylate

Concen: 22.379 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

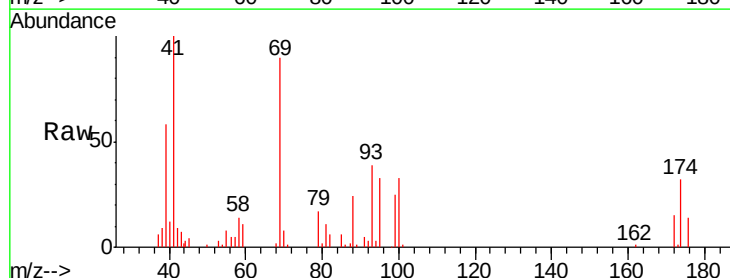
Tgt Ion: 41 Resp: 19068

Ion Ratio Lower Upper

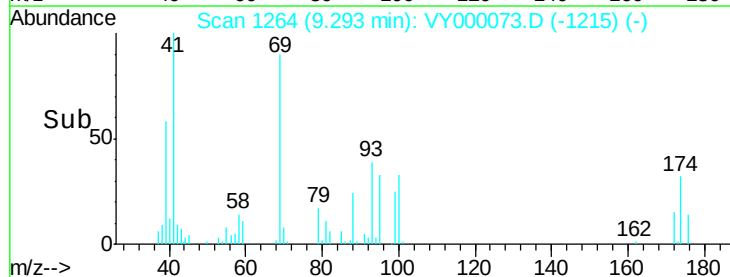
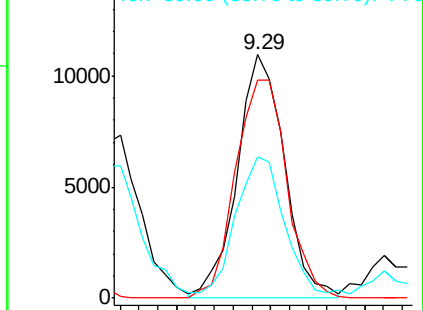
41 100

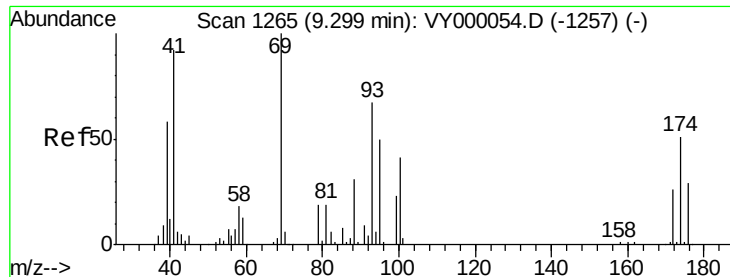
69 96.9 78.1 117.1

39 60.0 49.4 74.0



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

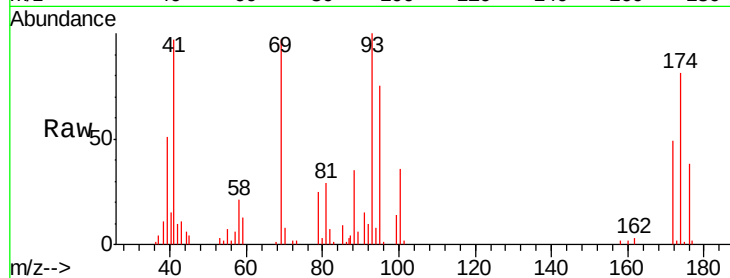




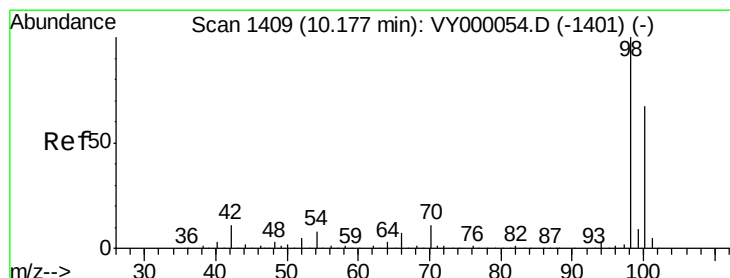
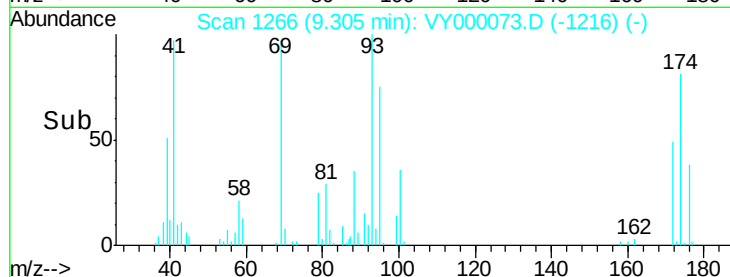
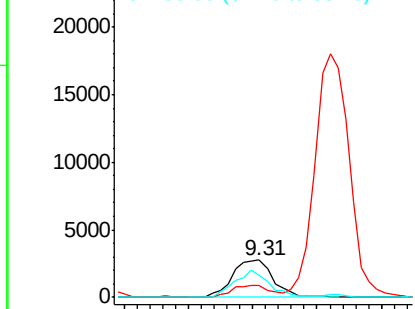
#49
1,4-Dioxane
Concen: 452.064 ug/l
RT: 9.31 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

Tgt Ion: 88 Resp: 6096
Ion Ratio Lower Upper
88 100
43 30.8 18.7 28.1#
58 62.6 53.0 79.6

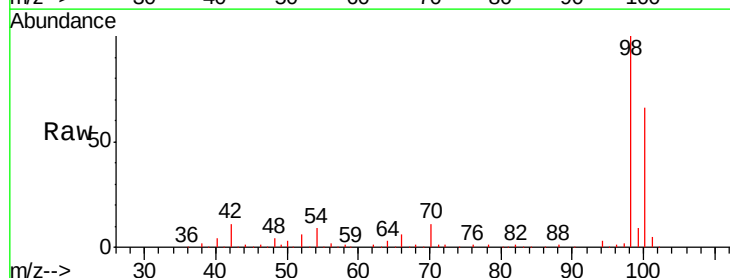


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

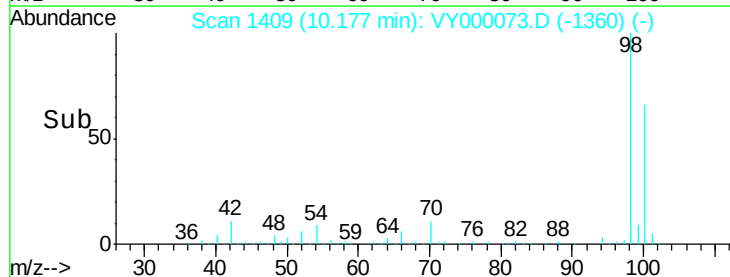
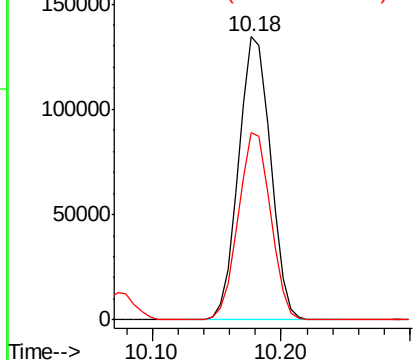


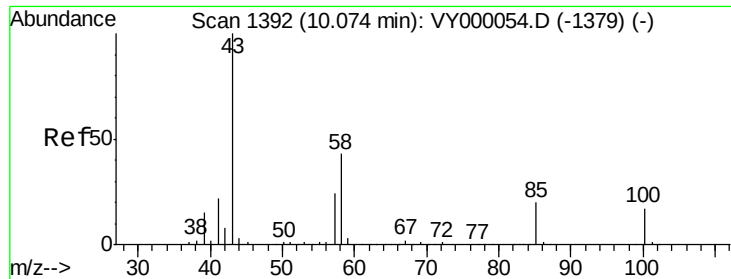
#50
Toluene-d8
Concen: 49.069 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 98 Resp: 231935
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



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: 115.180 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

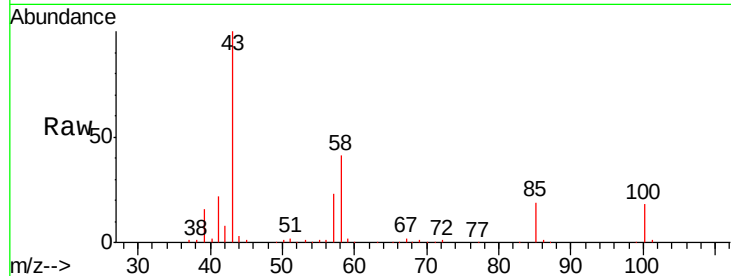
VY0919SBS01

Tgt Ion: 43 Resp: 121837

Ion Ratio Lower Upper

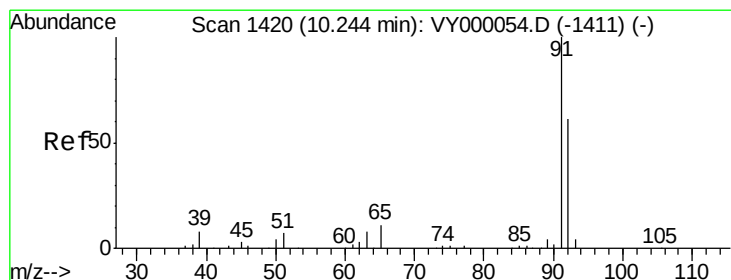
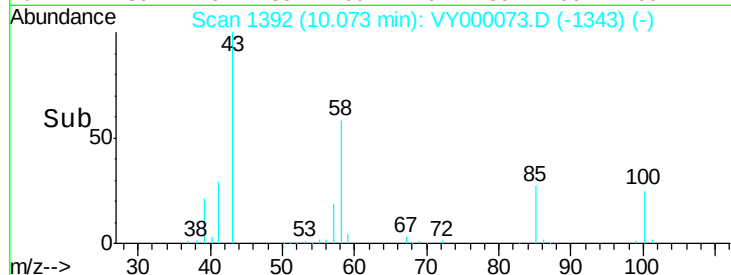
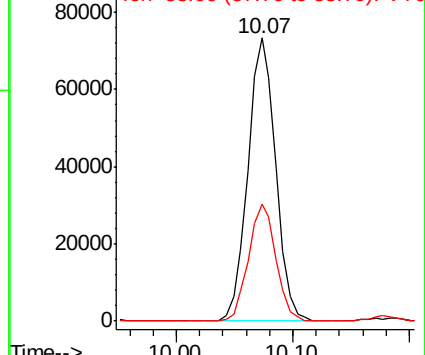
43 100

58 40.8 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 21.378 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. -0.00 min

Lab File: VY000073.D

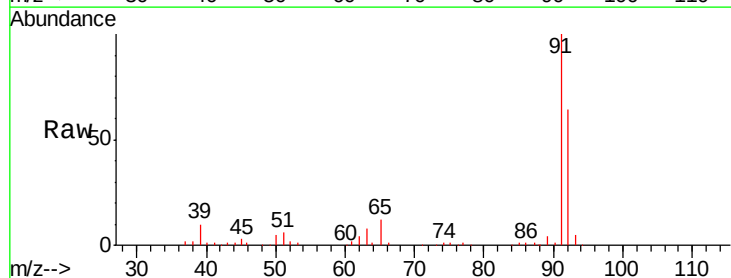
Acq: 19 Sep 2019 13:39

Tgt Ion: 92 Resp: 66670

Ion Ratio Lower Upper

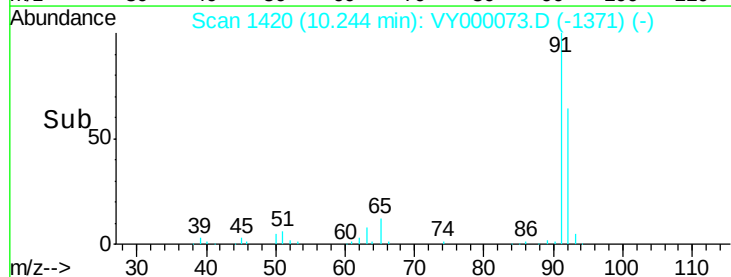
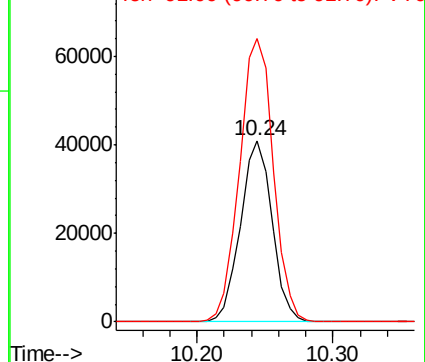
92 100

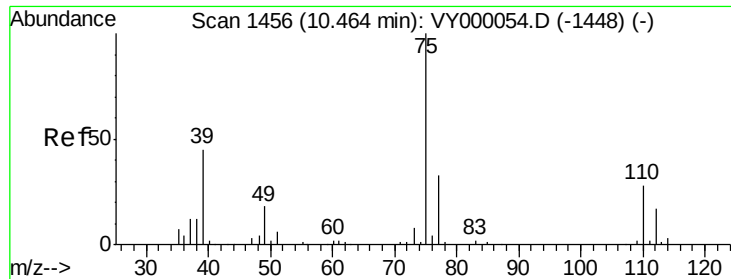
91 167.1 135.8 203.6



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: 21.312 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

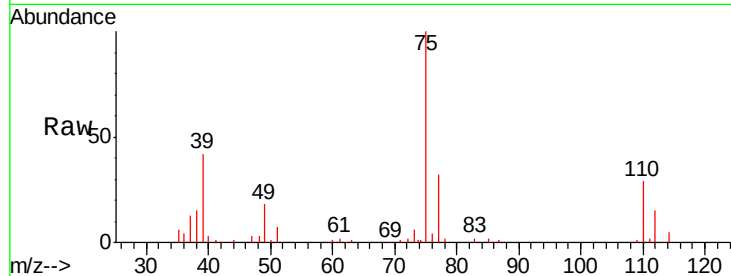
VY0919SBS01

Tgt Ion: 75 Resp: 38084

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

25000

20000

15000

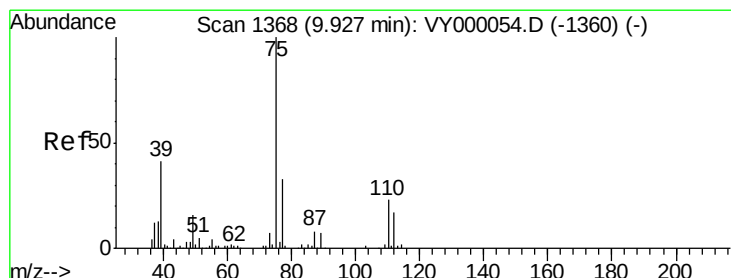
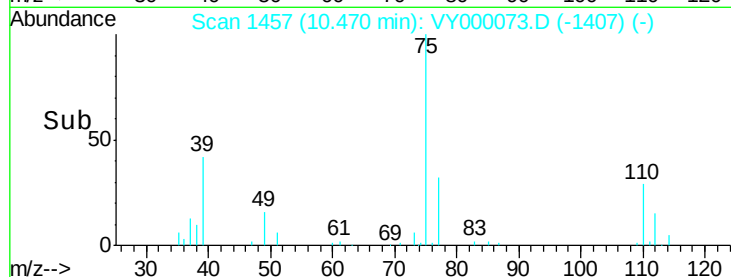
10000

5000

0

Time-->

10.40 10.45 10.50 10.55



#54

cis-1,3-Dichloropropene

Concen: 21.406 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

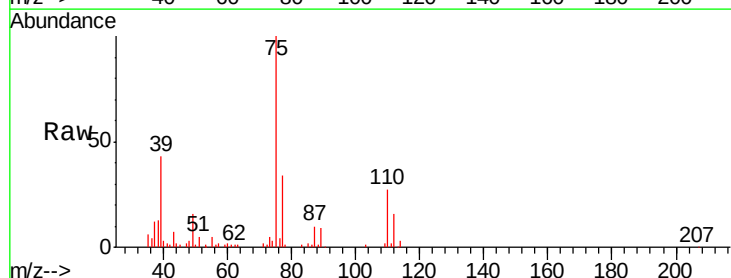
Tgt Ion: 75 Resp: 44174

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1

39 43.1 33.1 49.7



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

9.93

30000

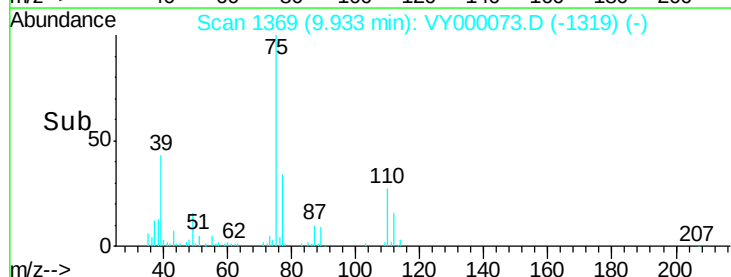
20000

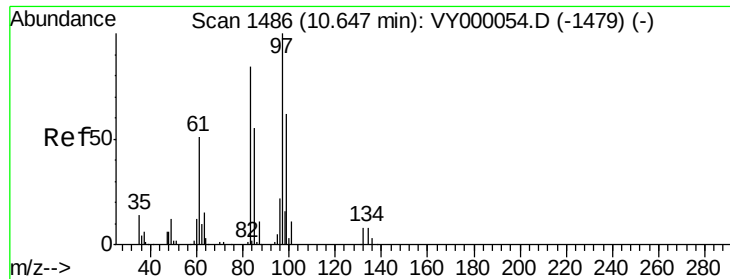
10000

0

Time-->

9.85 9.90 9.95 10.00

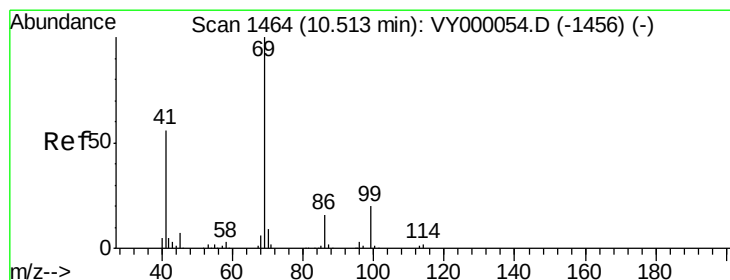
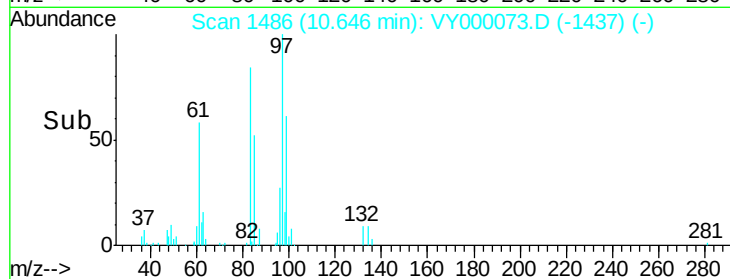
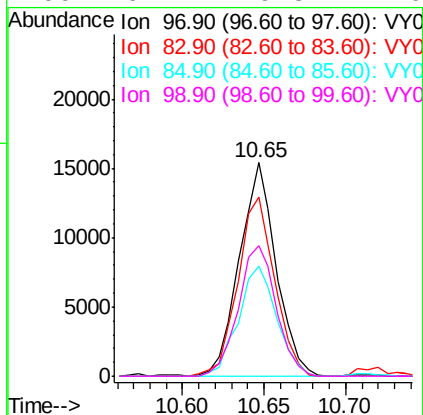
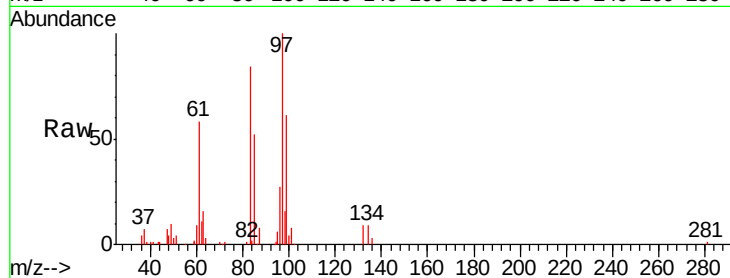




#55
 1,1,2-Trichloroethane
 Concen: 22.159 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

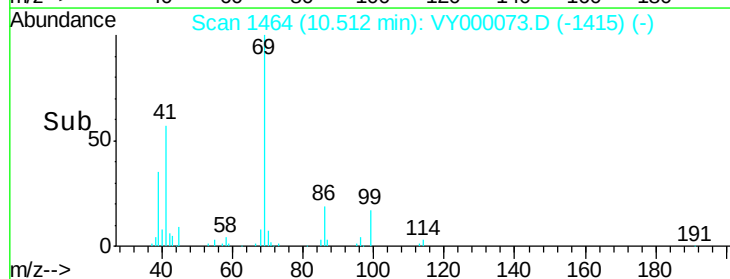
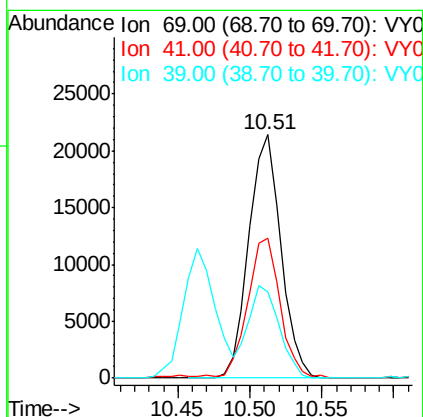
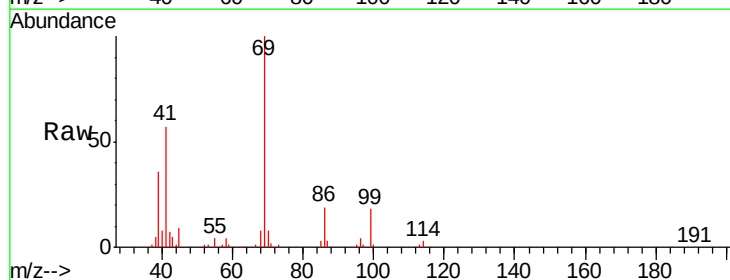
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

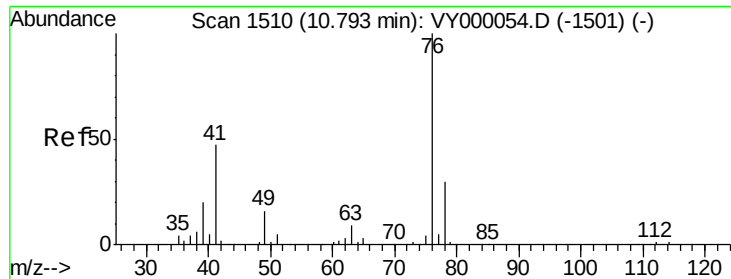
Tgt Ion:	97	Resp:	24129
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.3	100.9
85	51.6	43.6	65.4
99	61.2	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.255 ug/l
 RT: 10.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion:	69	Resp:	32933
Ion	Ratio	Lower	Upper
69	100		
41	58.6	45.6	68.4
39	37.4	27.3	40.9

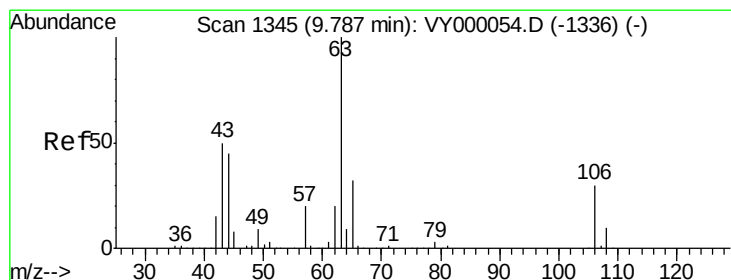
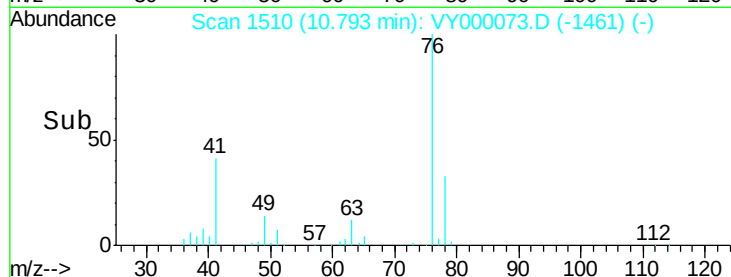
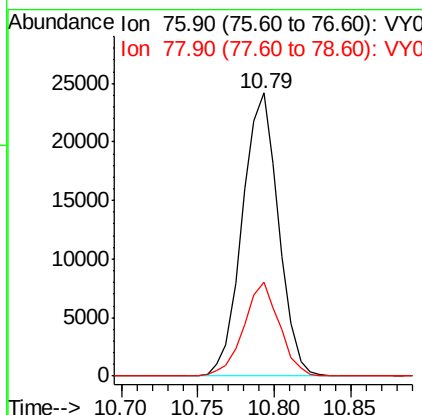
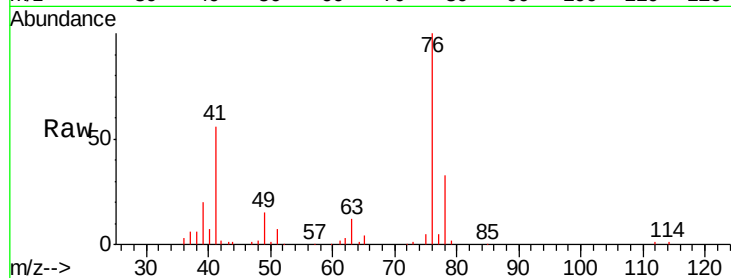




#57
 1,3-Dichloropropane
 Concen: 21.671 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

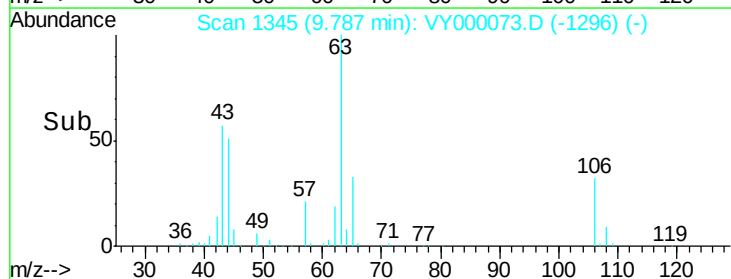
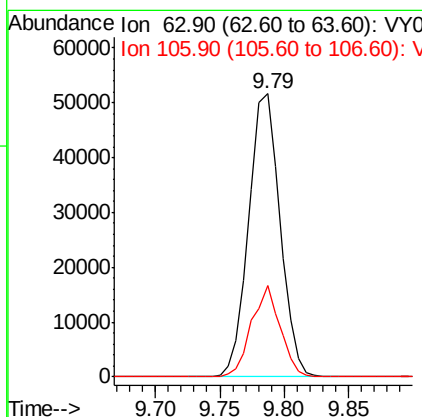
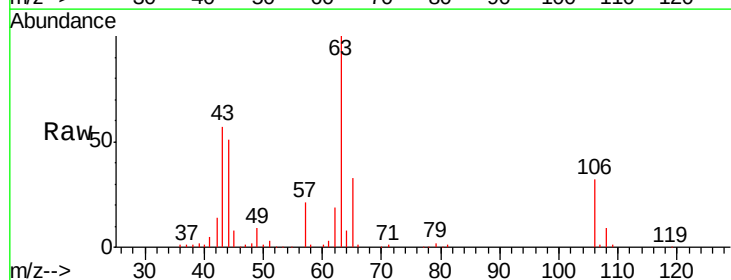
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

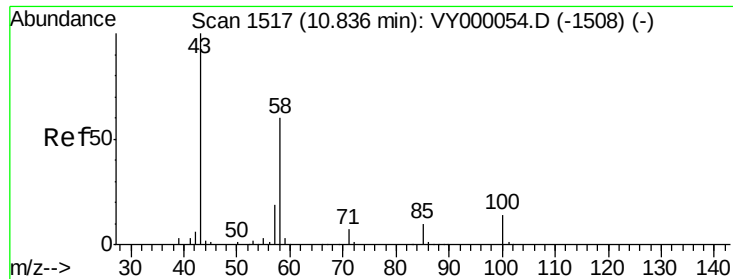
Tgt Ion: 76 Resp: 39639
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.751 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 63 Resp: 86901
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.3 34.9

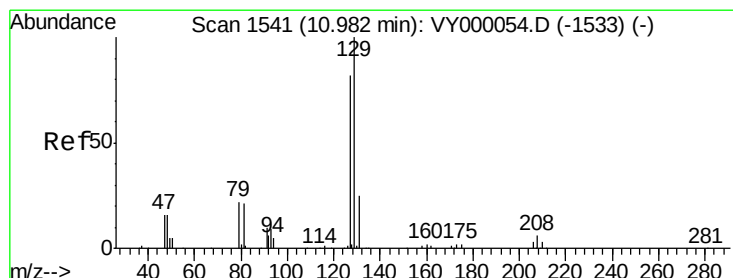
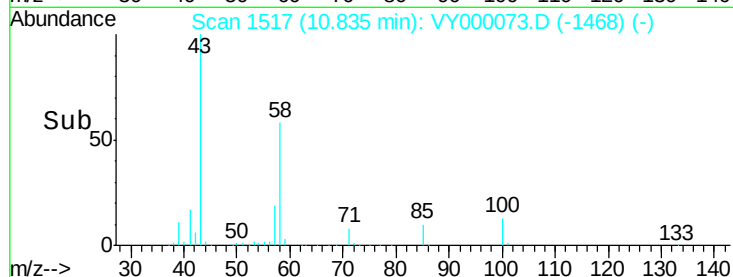
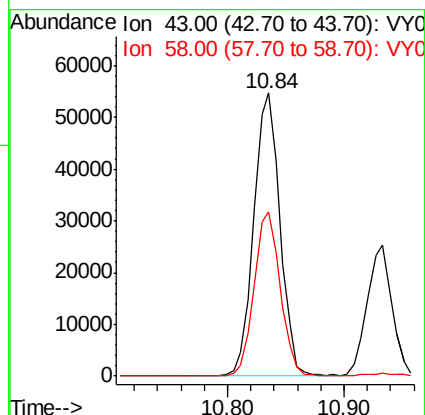
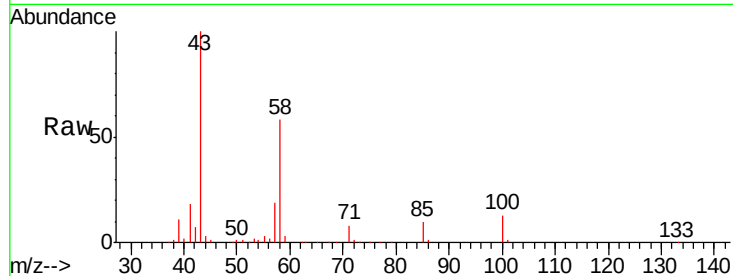




#59
2-Hexanone
Concen: 114.229 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

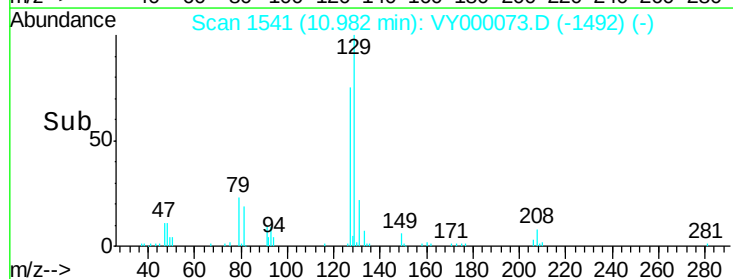
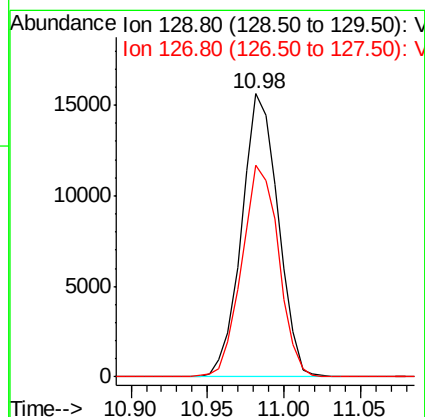
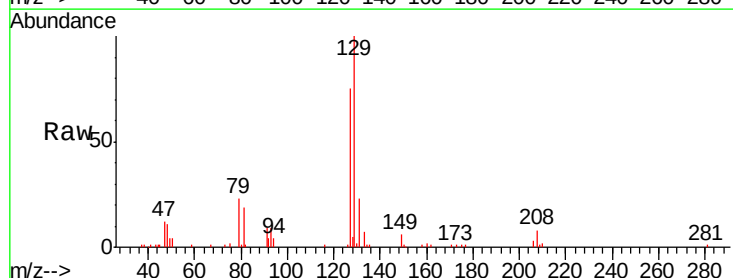
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

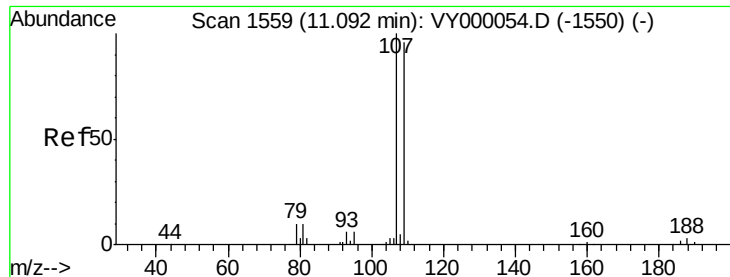
Tgt Ion: 43 Resp: 86202
Ion Ratio Lower Upper
43 100
58 57.8 29.9 89.7



#60
Dibromochloromethane
Concen: 22.678 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 129 Resp: 25870
Ion Ratio Lower Upper
129 100
127 75.7 40.2 120.6

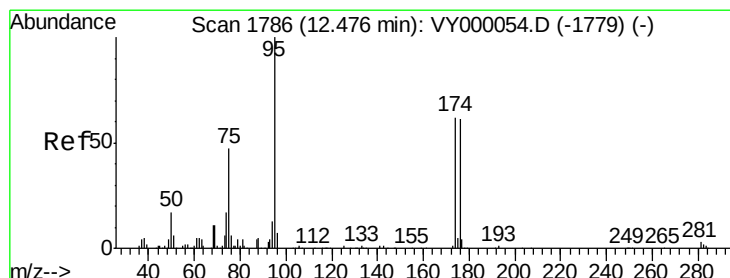
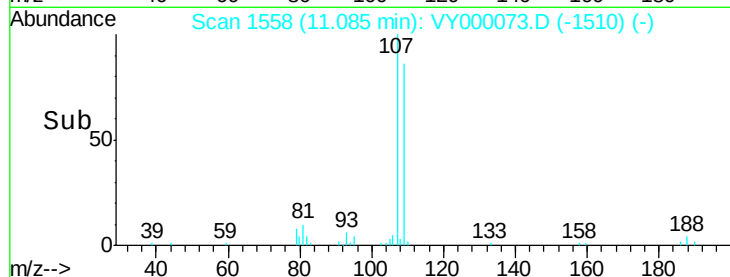
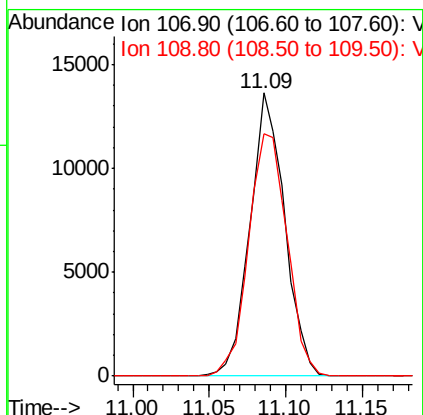
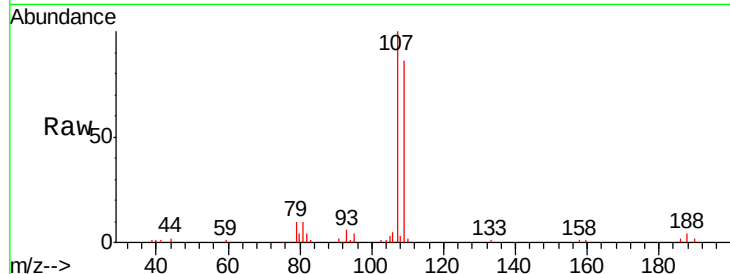




#61
 1,2-Dibromoethane
 Concen: 21.652 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

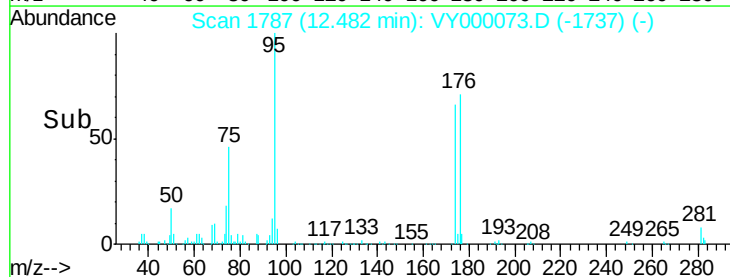
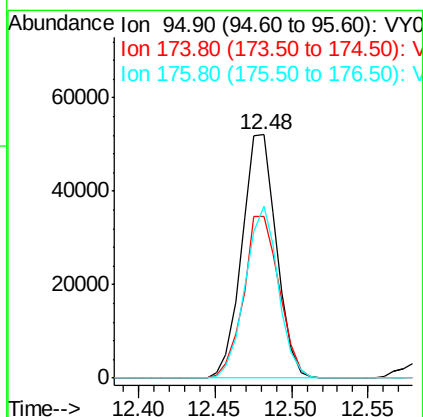
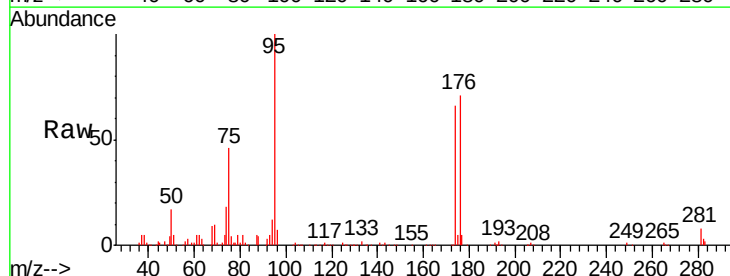
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

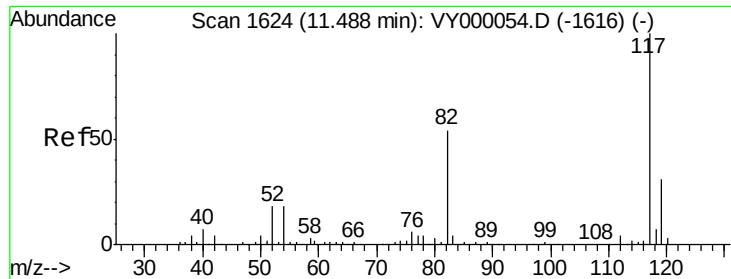
Tgt Ion: 107 Resp: 21535
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.431 ug/l
 RT: 12.48 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 95 Resp: 81482
 Ion Ratio Lower Upper
 95 100
 174 68.8 0.0 137.2
 176 67.3 0.0 135.0

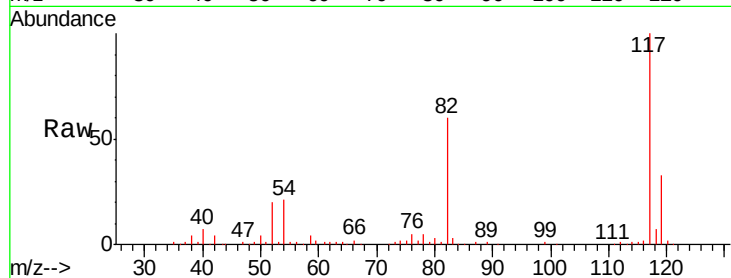




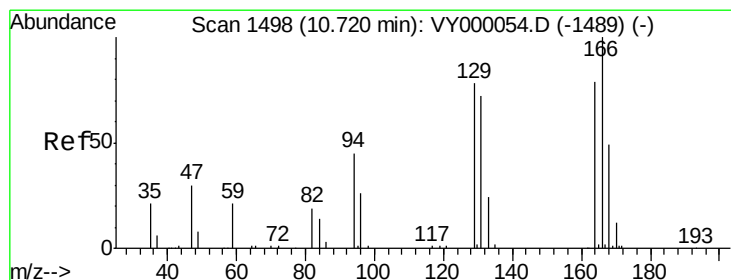
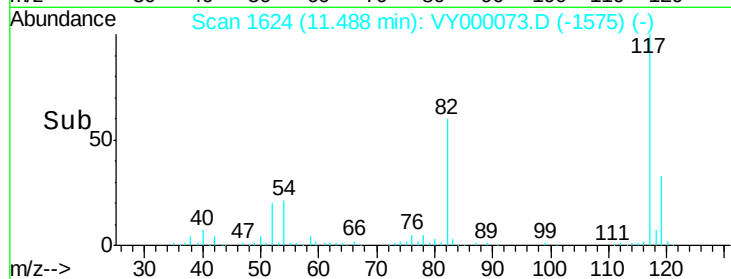
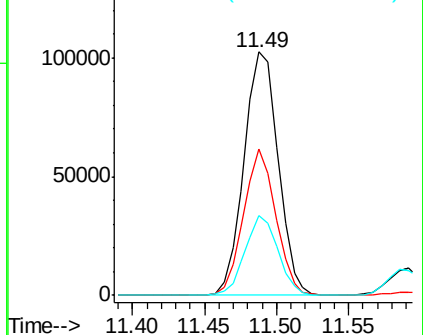
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

Tgt Ion:117 Resp: 168575
Ion Ratio Lower Upper
117 100
82 59.9 43.5 65.3
119 33.0 24.6 36.8

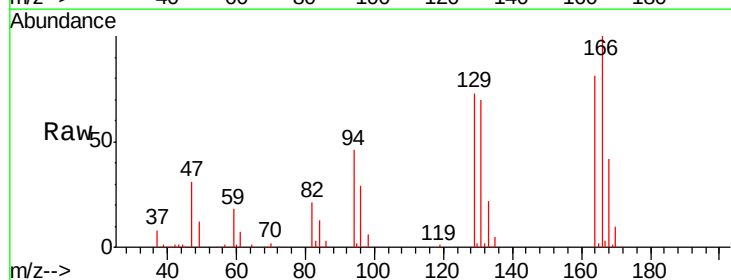


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

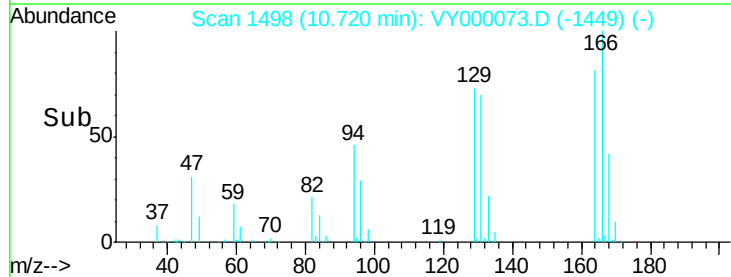
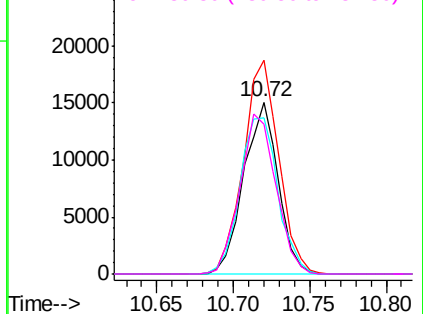


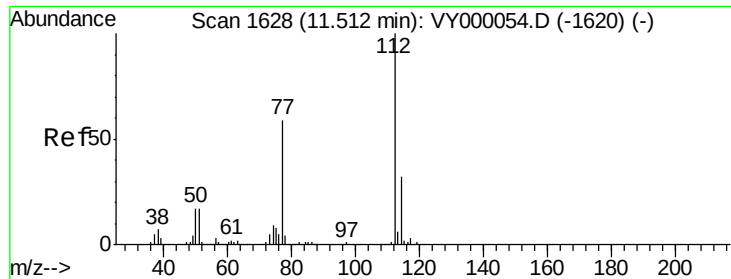
#64
Tetrachloroethene
Concen: 22.223 ug/l
RT: 10.72 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion:164 Resp: 23513
Ion Ratio Lower Upper
164 100
166 124.1 100.9 151.3
129 90.6 78.4 117.6
131 86.7 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

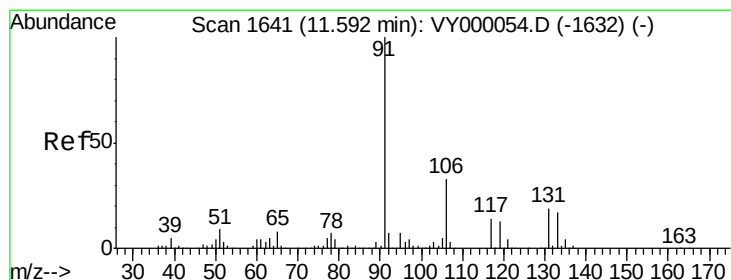
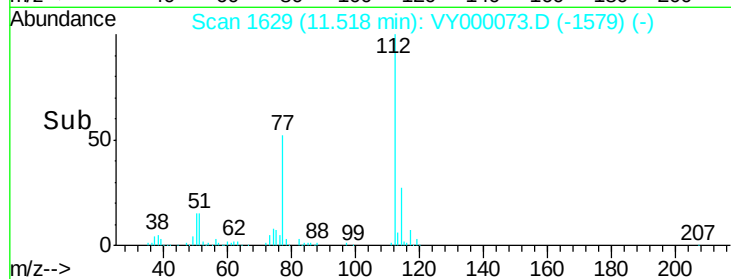
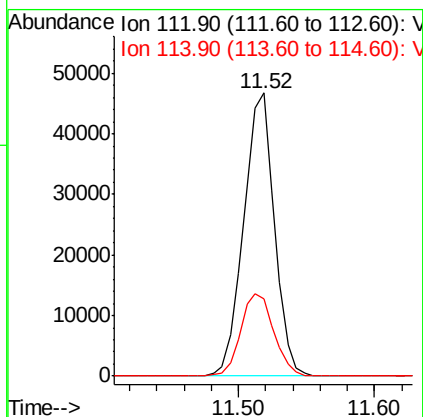
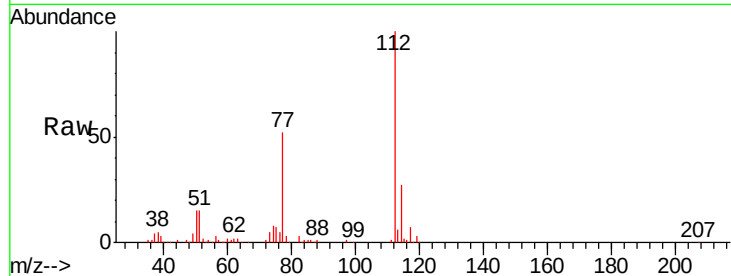




#65
Chlorobenzene
Concen: 22.151 ug/l
RT: 11.52 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

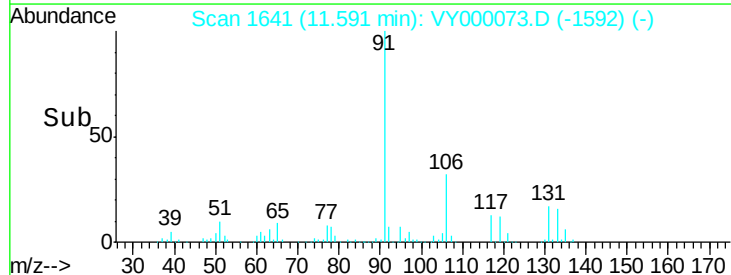
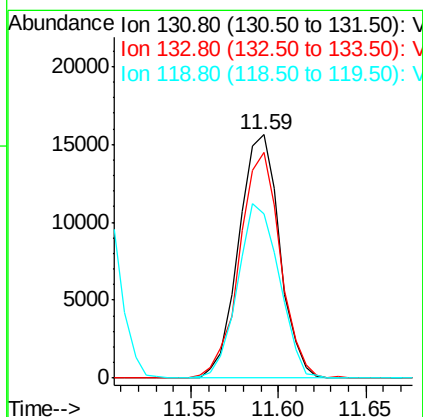
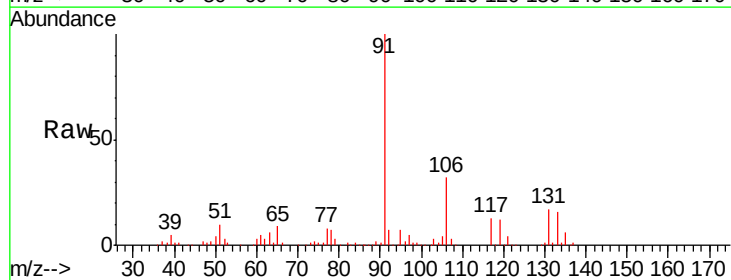
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

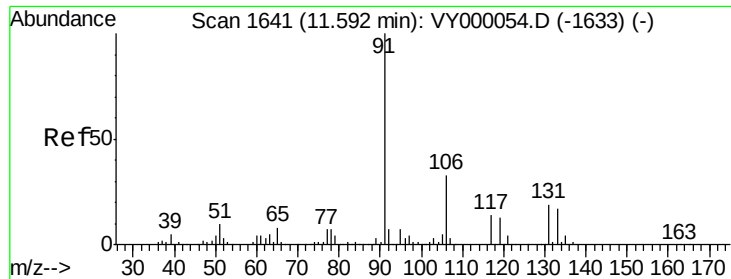
Tgt Ion:112 Resp: 73862
Ion Ratio Lower Upper
112 100
114 27.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.524 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion:131 Resp: 25394
Ion Ratio Lower Upper
131 100
133 93.0 46.6 139.8
119 72.9 36.2 108.6

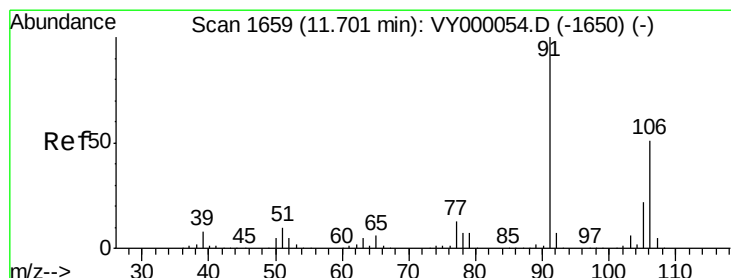
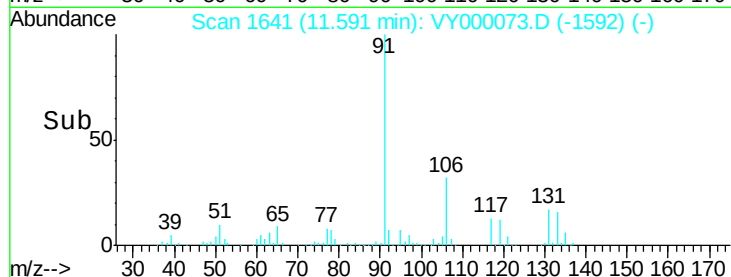
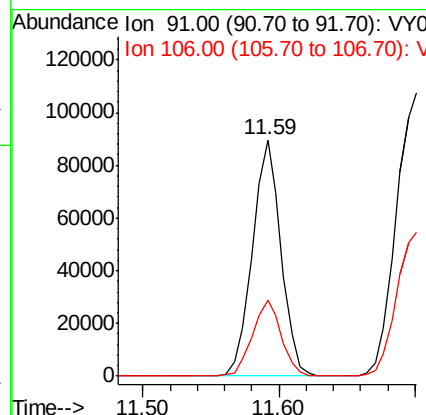
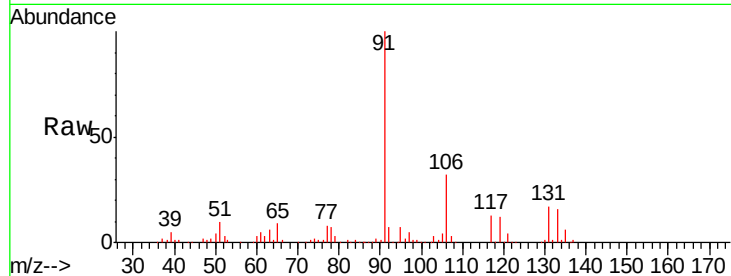




#67
Ethyl Benzene
Concen: 22.108 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

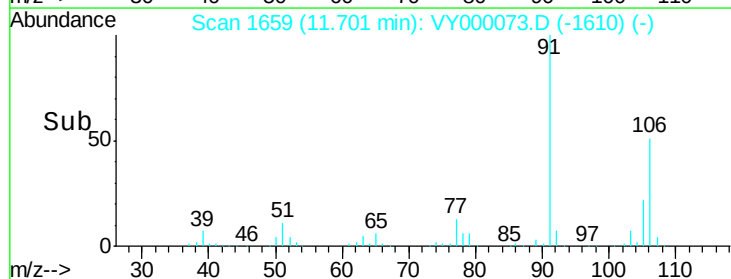
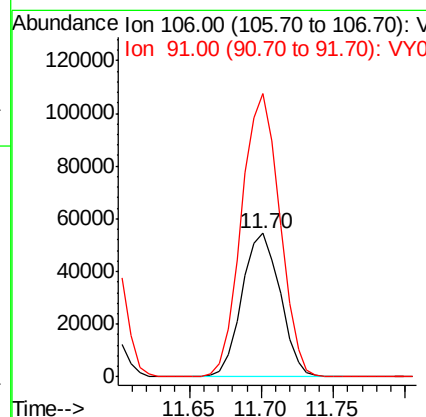
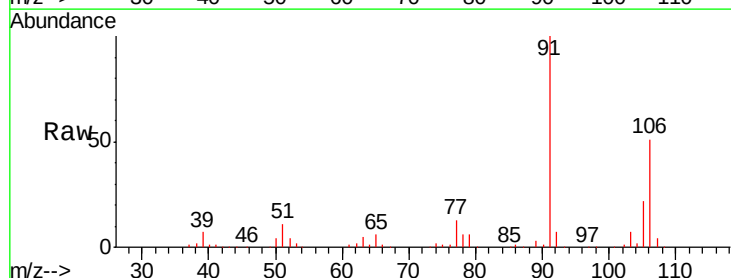
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

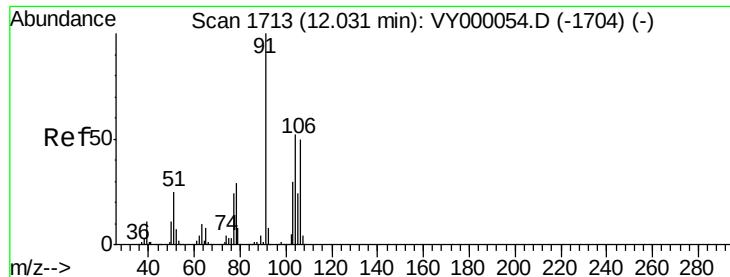
Tgt Ion: 91 Resp: 131558
Ion Ratio Lower Upper
91 100
106 32.3 26.6 40.0



#68
m/p-Xylenes
Concen: 44.273 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 106 Resp: 100248
Ion Ratio Lower Upper
106 100
91 197.6 154.5 231.7

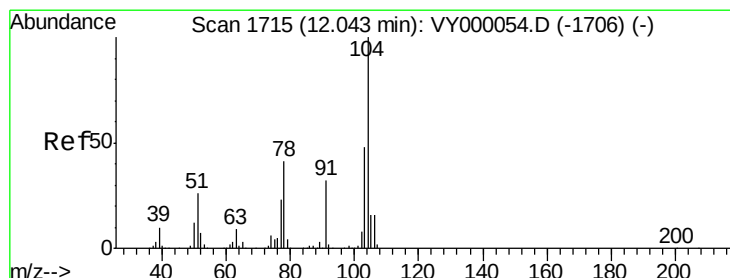
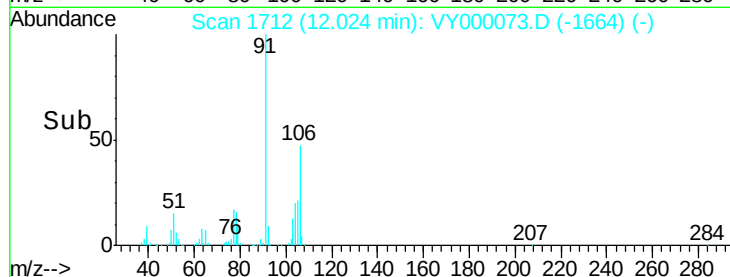
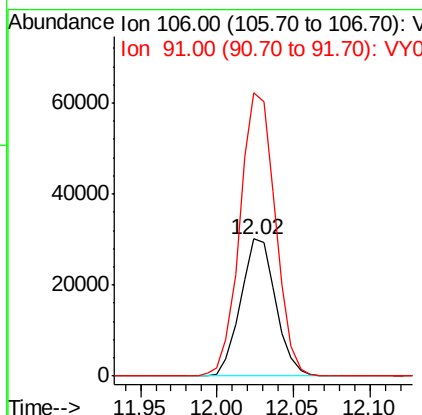
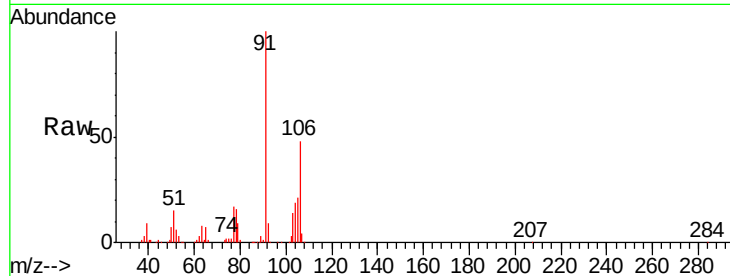




#69
o-Xylene
Concen: 21.856 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

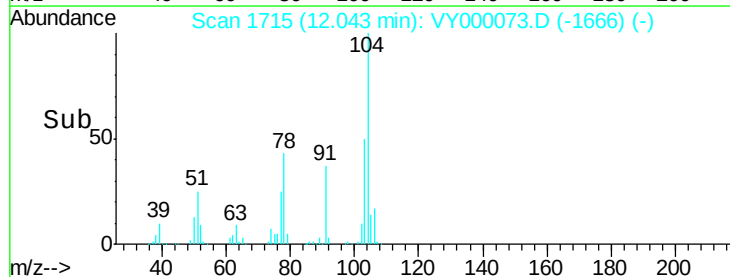
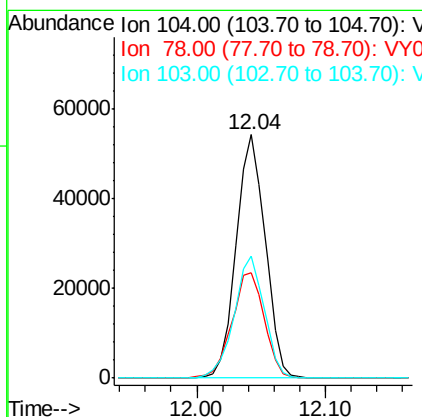
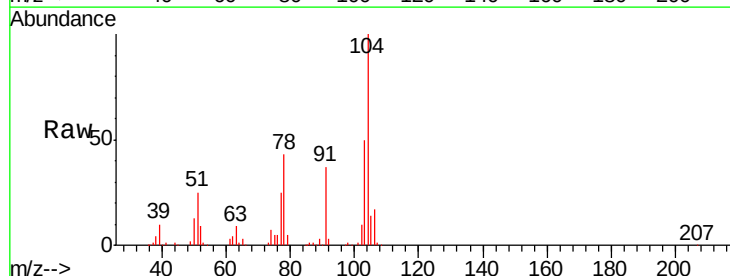
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

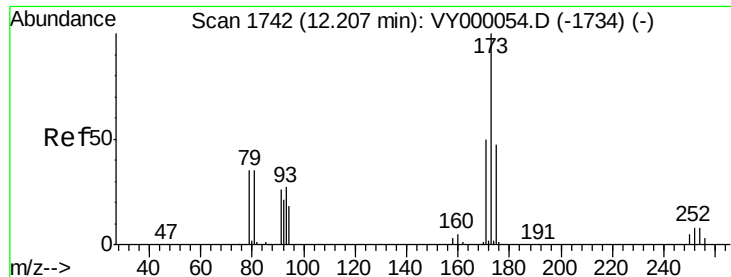
Tgt Ion:106 Resp: 47919
Ion Ratio Lower Upper
106 100
91 208.5 103.5 310.3



#70
Styrene
Concen: 22.009 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion:104 Resp: 84712
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 52.3 42.2 63.4





#71

Bromoform

Concen: 22.930 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

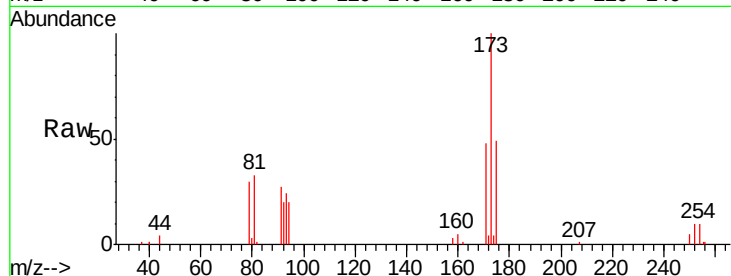
Tgt Ion:173 Resp: 14966

Ion Ratio Lower Upper

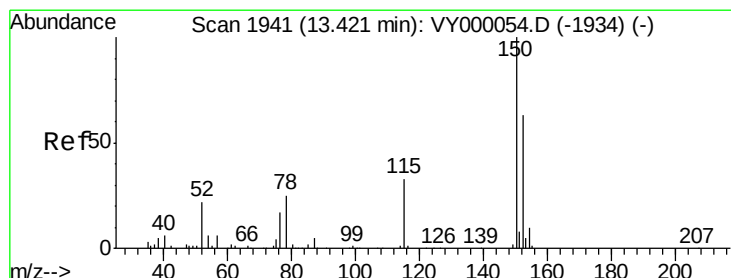
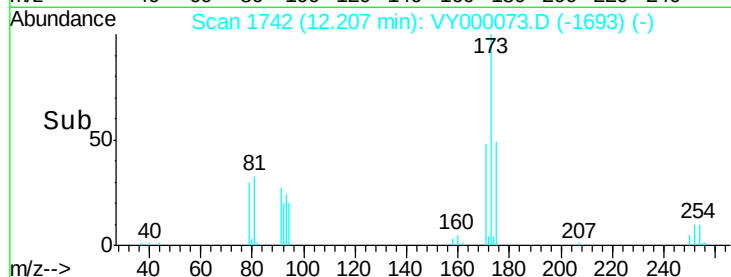
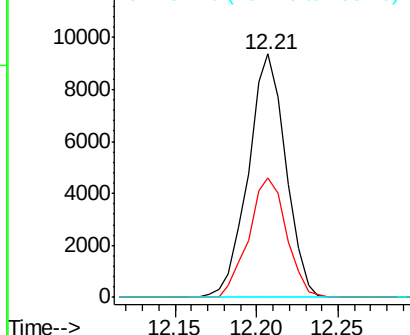
173 100

175 49.5 23.6 71.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

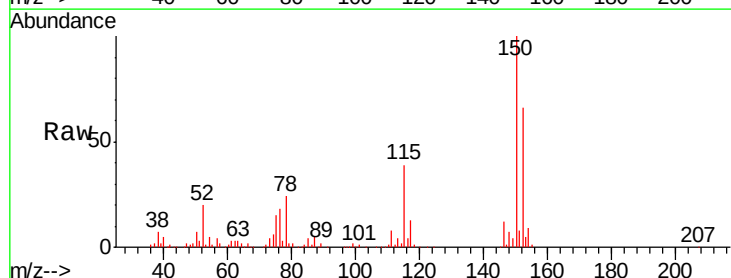
Tgt Ion:152 Resp: 74938

Ion Ratio Lower Upper

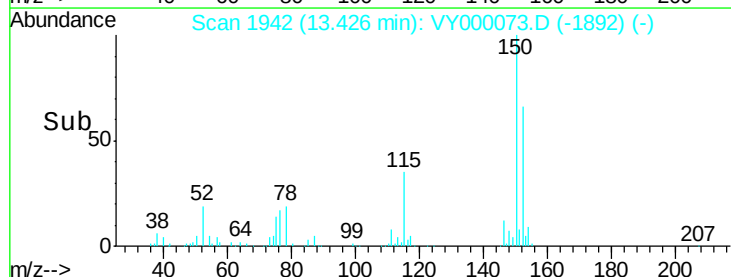
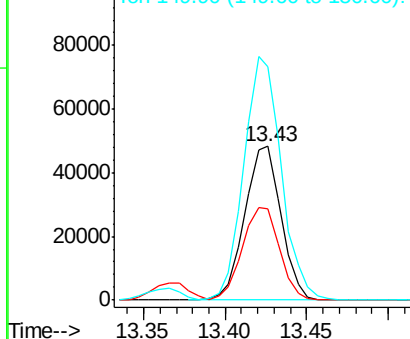
152 100

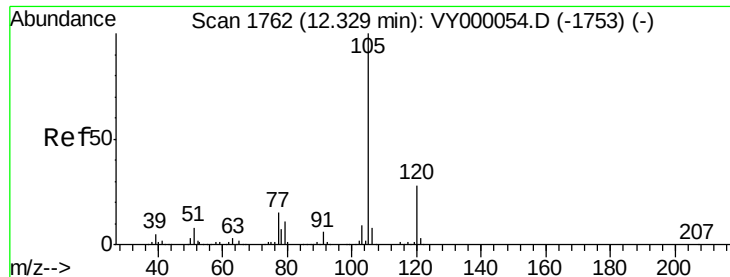
115 61.9 30.7 92.1

150 163.5 0.0 351.6



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

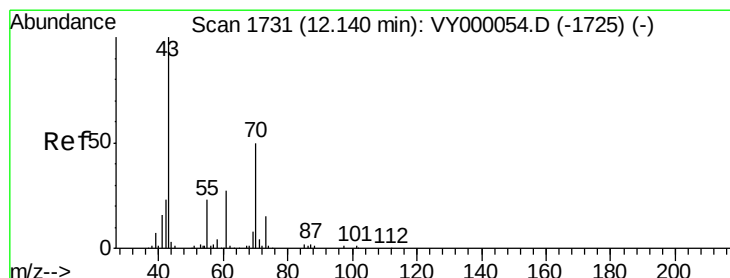
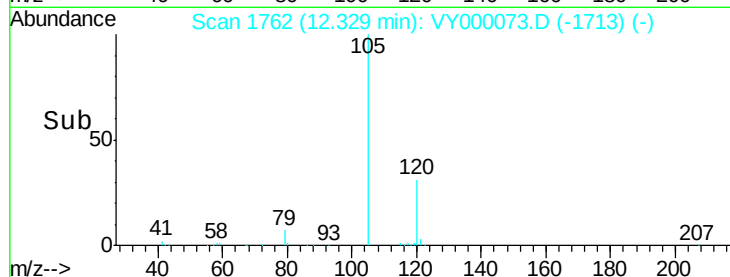
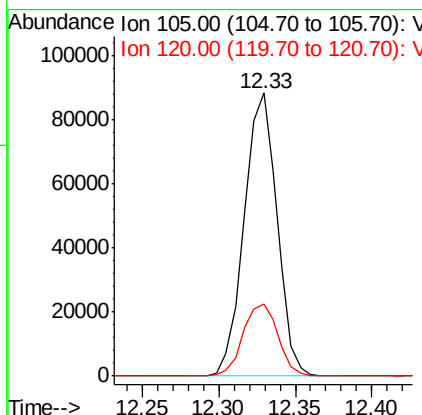
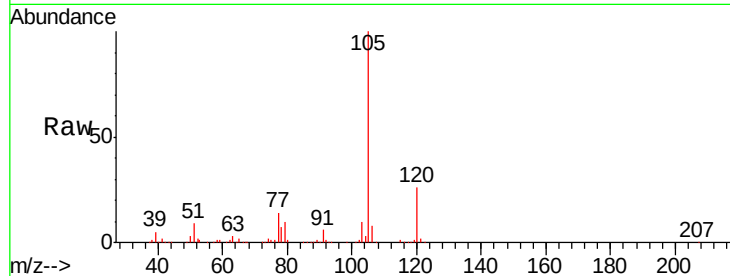




#73
Isopropylbenzene
Concen: 21.789 ug/l
RT: 12.33 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

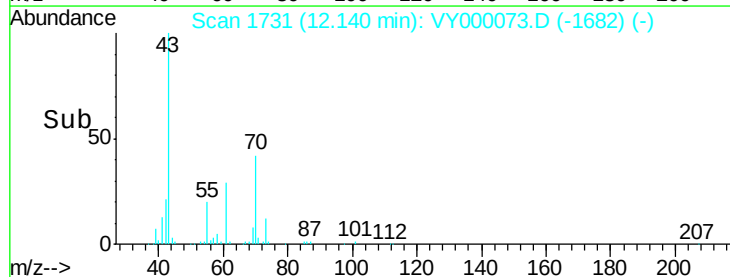
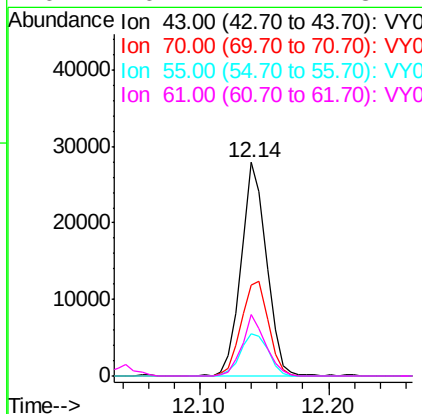
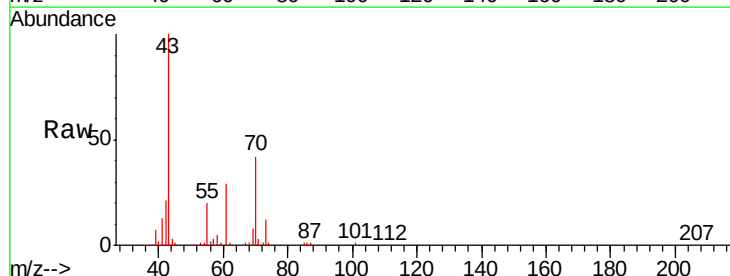
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

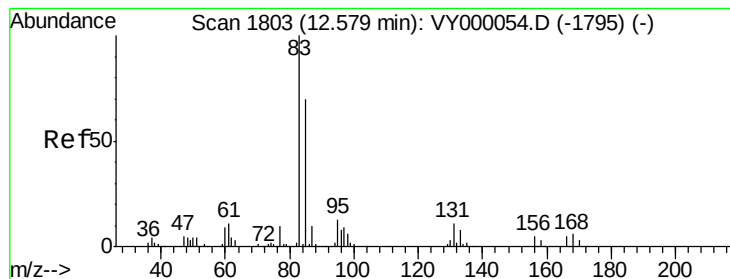
Tgt Ion: 105 Resp: 131589
Ion Ratio Lower Upper
105 100
120 27.0 13.9 41.7



#74
N-ethyl acetate
Concen: 22.115 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 43 Resp: 38049
Ion Ratio Lower Upper
43 100
70 47.3 38.8 58.2
55 21.6 18.8 28.2
61 26.1 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.187 ug/l

RT: 12.59 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

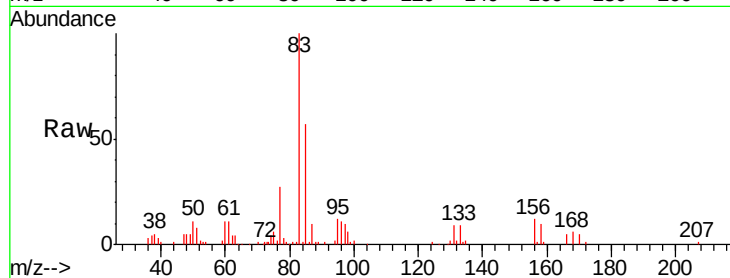
Tgt Ion: 83 Resp: 31541

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.7

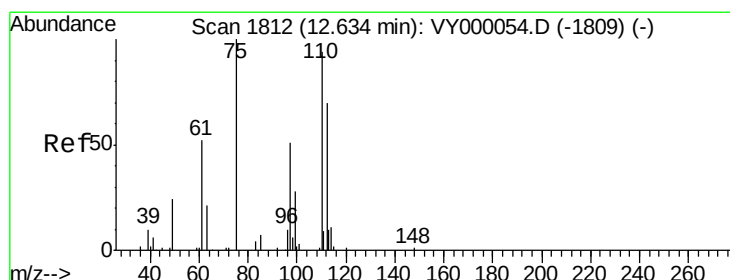
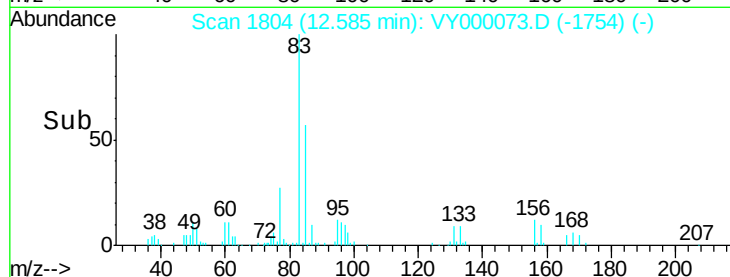
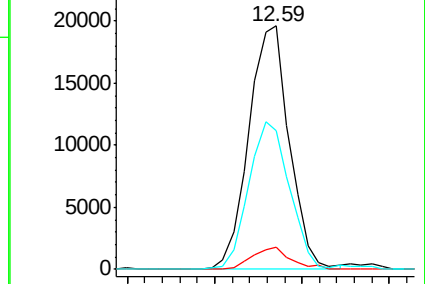
85 60.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.231 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VY000073.D

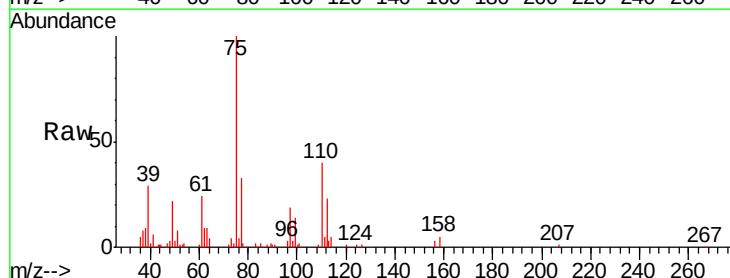
Acq: 19 Sep 2019 13:39

Tgt Ion: 75 Resp: 40310

Ion Ratio Lower Upper

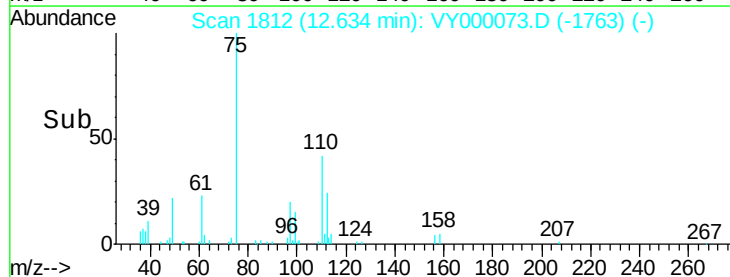
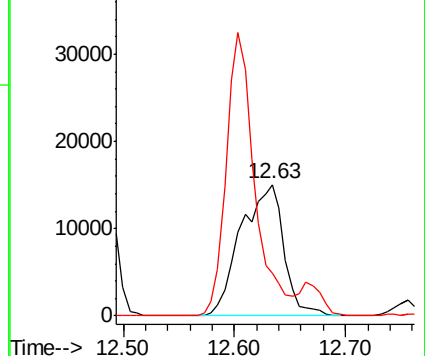
75 100

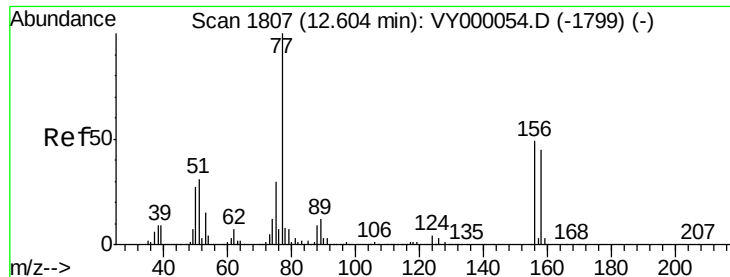
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.806 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

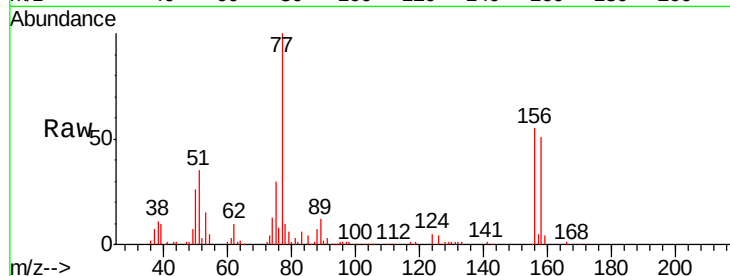
Tgt Ion:156 Resp: 27499

Ion Ratio Lower Upper

156 100

77 210.1 109.7 329.0

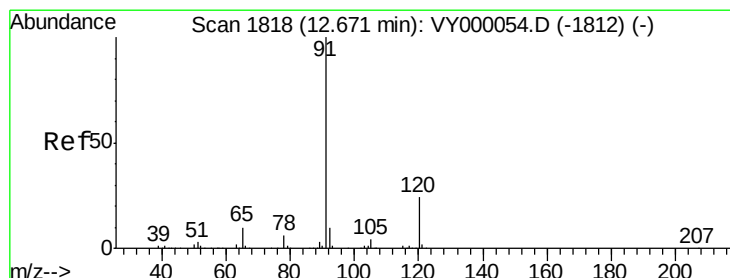
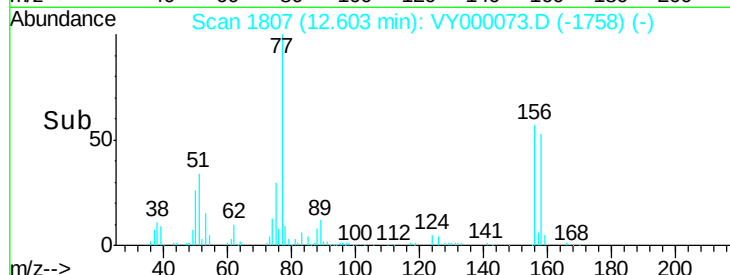
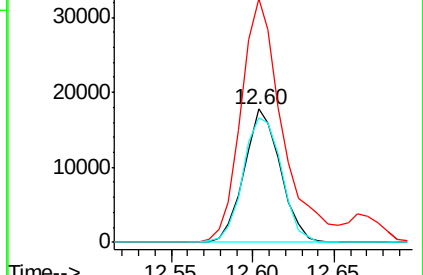
158 98.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.588 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000073.D

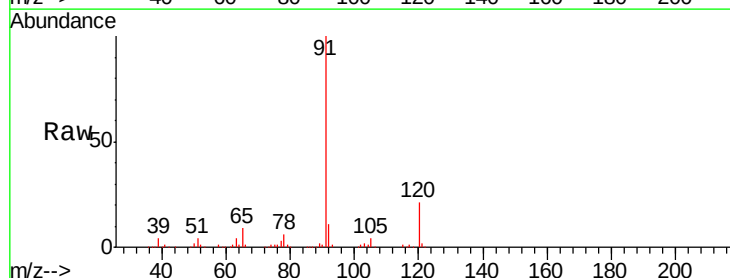
Acq: 19 Sep 2019 13:39

Tgt Ion: 91 Resp: 159035

Ion Ratio Lower Upper

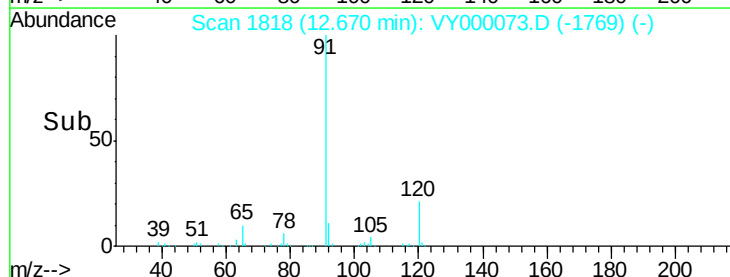
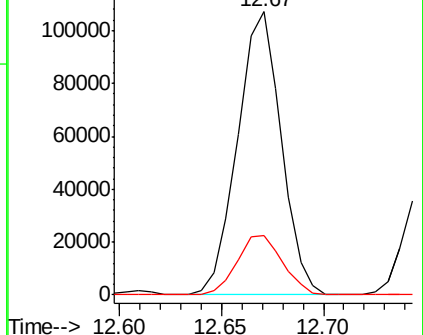
91 100

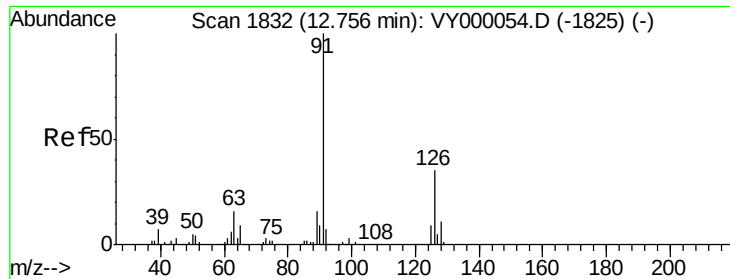
120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.053 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

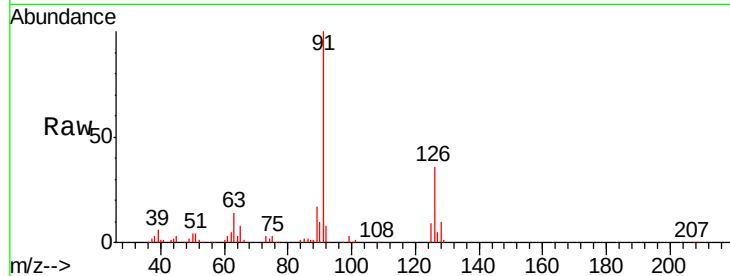
VY0919SBS01

Tgt Ion: 91 Resp: 86708

Ion Ratio Lower Upper

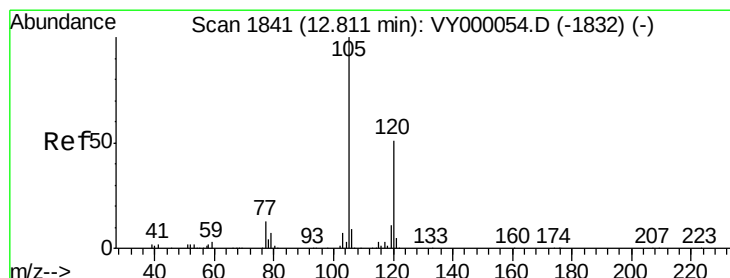
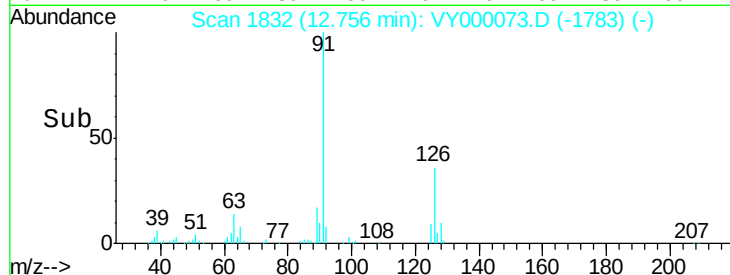
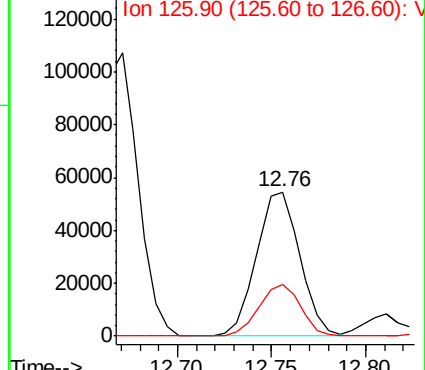
91 100

126 35.0 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.721 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000073.D

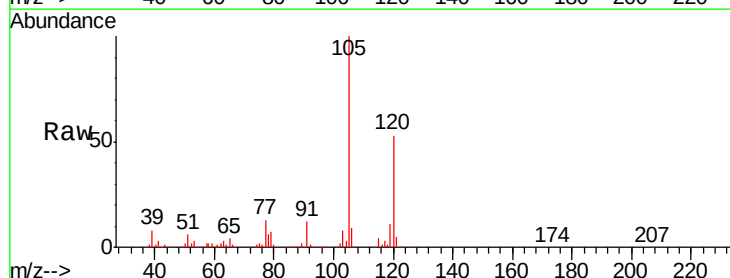
Acq: 19 Sep 2019 13:39

Tgt Ion: 105 Resp: 108664

Ion Ratio Lower Upper

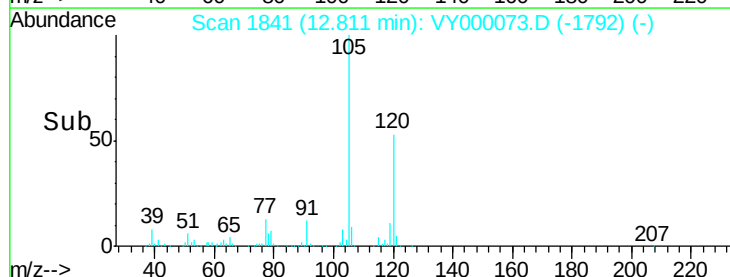
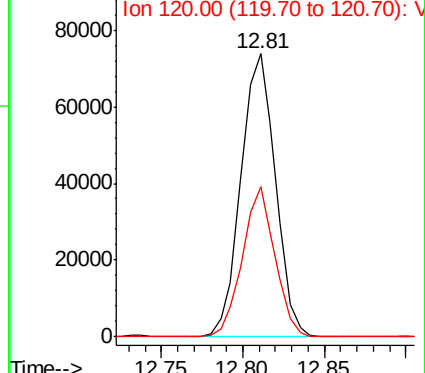
105 100

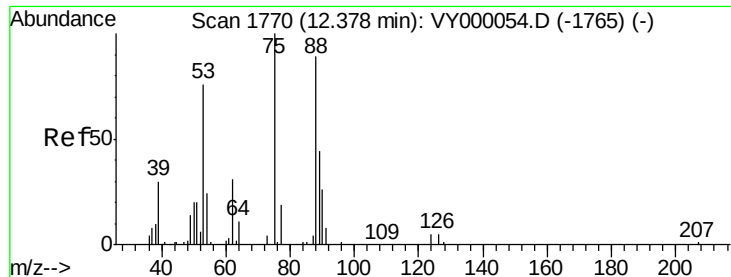
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.133 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBS01

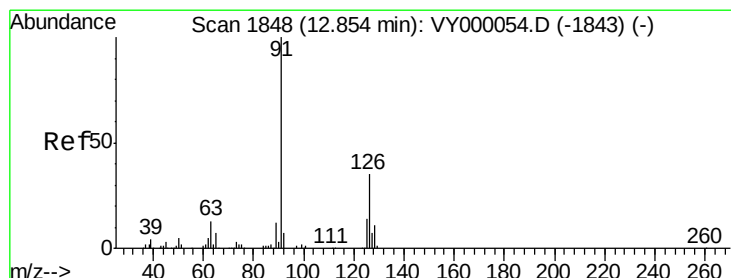
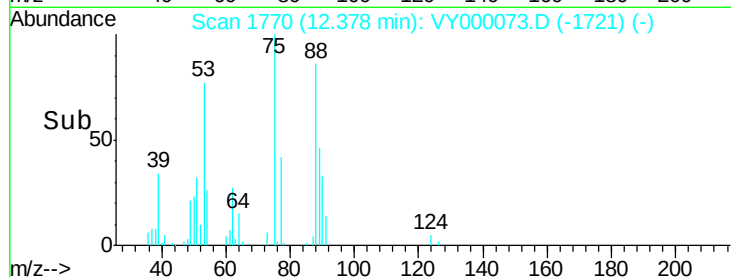
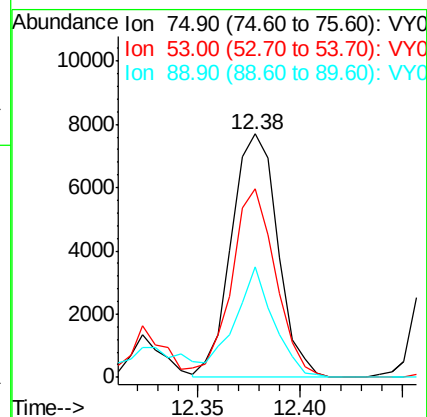
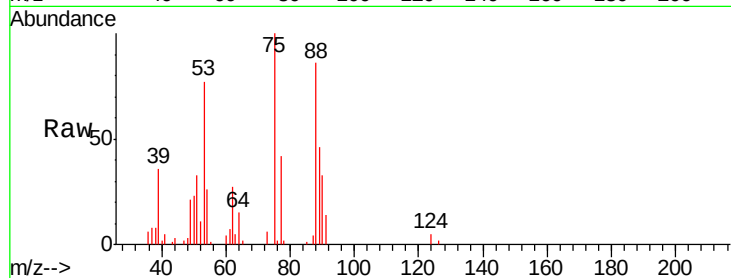
Tgt Ion: 75 Resp: 12134

Ion Ratio Lower Upper

75 100

53 73.6 60.9 91.3

89 38.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 21.066 ug/l

RT: 12.85 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VY000073.D

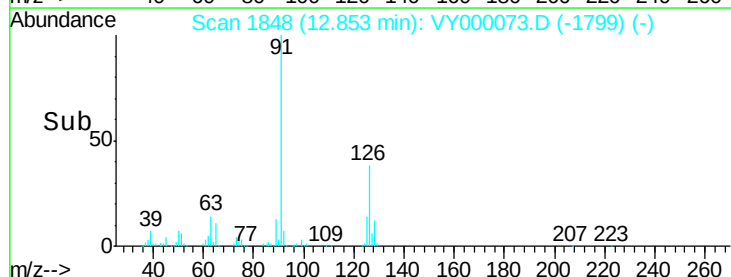
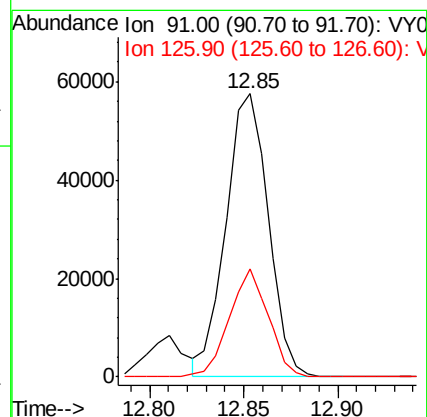
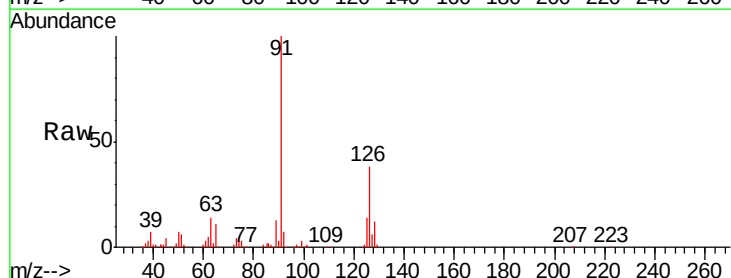
Acq: 19 Sep 2019 13:39

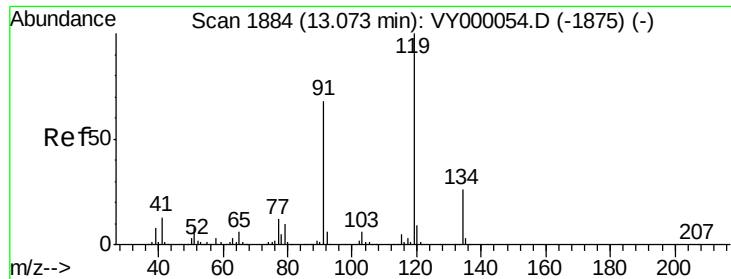
Tgt Ion: 91 Resp: 89714

Ion Ratio Lower Upper

91 100

126 35.3 16.7 50.1

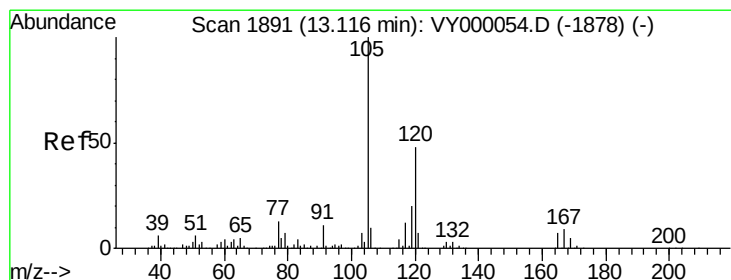
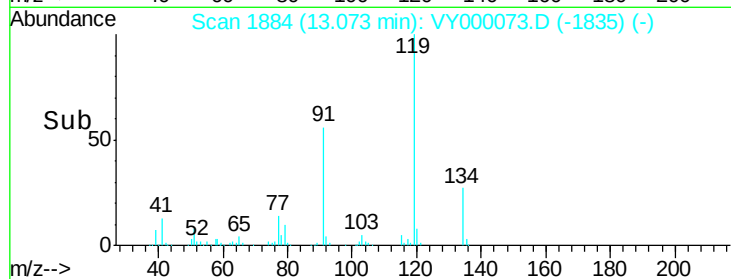
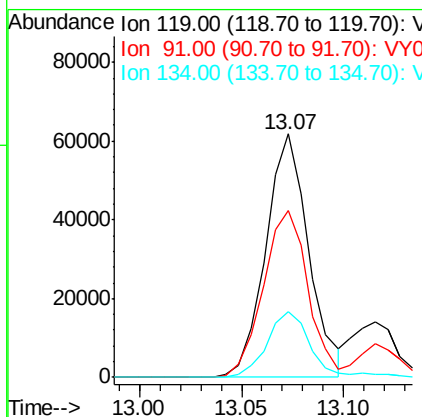
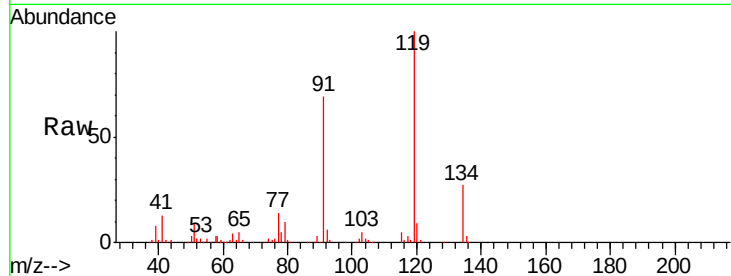




#83
 tert-Butylbenzene
 Concen: 21.209 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

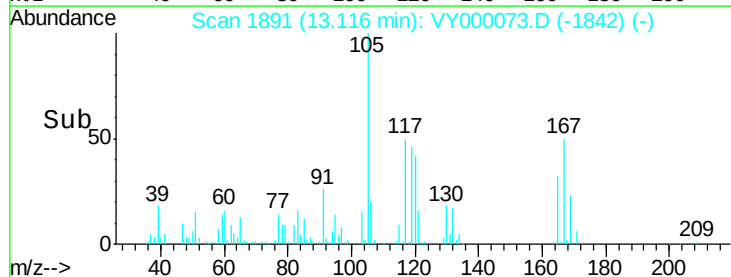
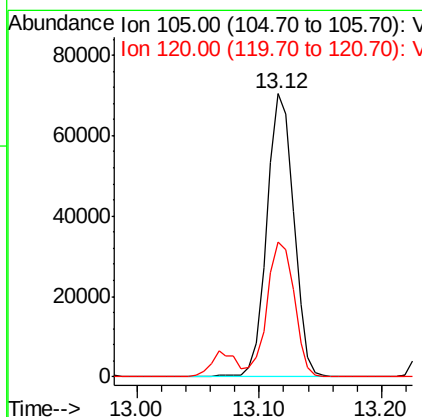
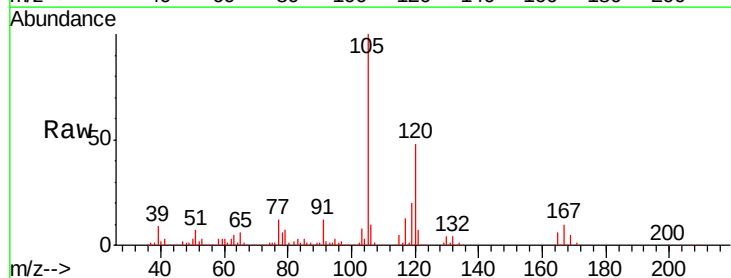
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

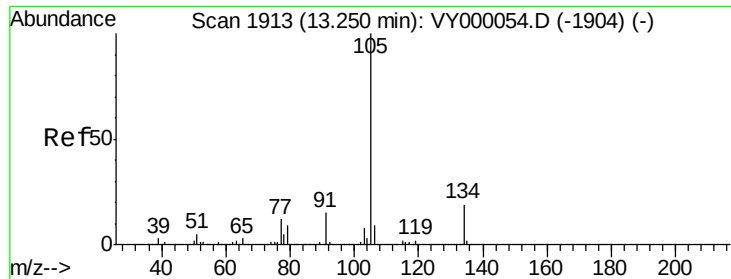
Tgt Ion:	119	Resp:	90777
Ion	Ratio	Lower	Upper
119	100		
91	71.0	33.4	100.1
134	26.3	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.861 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion:	105	Resp:	107820
Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.9	68.7





#85

sec-Butylbenzene

Concen: 21.259 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

Instrument :

MSVOA_Y

ClientSampleId :

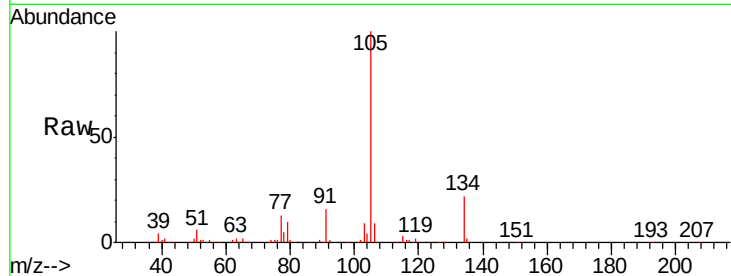
VY0919SBS01

Tgt Ion:105 Resp: 134434

Ion Ratio Lower Upper

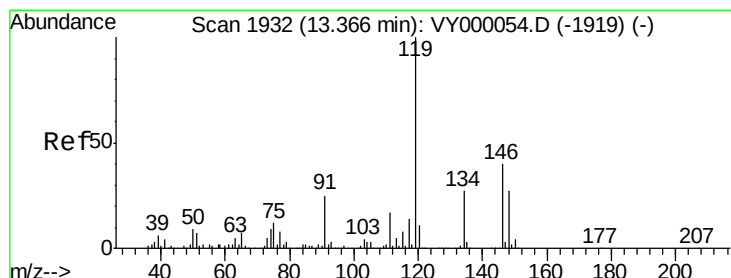
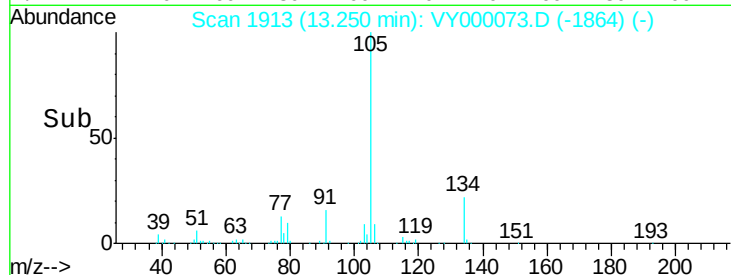
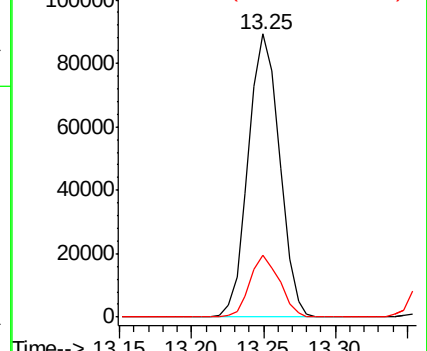
105 100

134 20.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.013 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000073.D

Acq: 19 Sep 2019 13:39

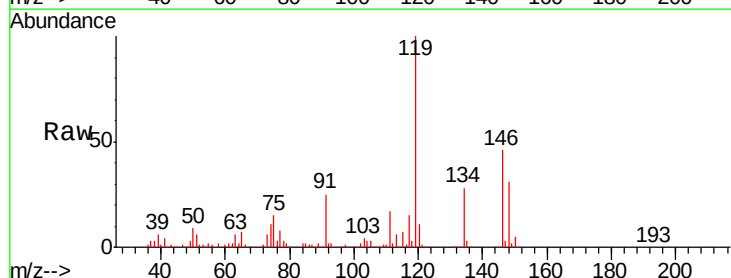
Tgt Ion:119 Resp: 112630

Ion Ratio Lower Upper

119 100

134 28.3 13.4 40.2

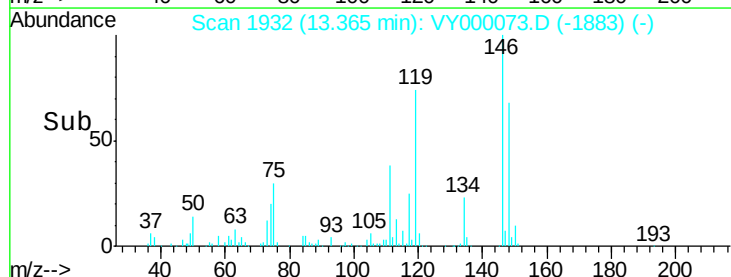
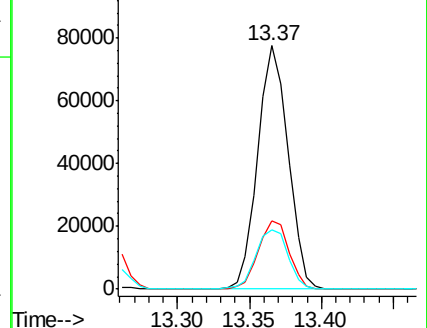
91 26.1 12.4 37.4

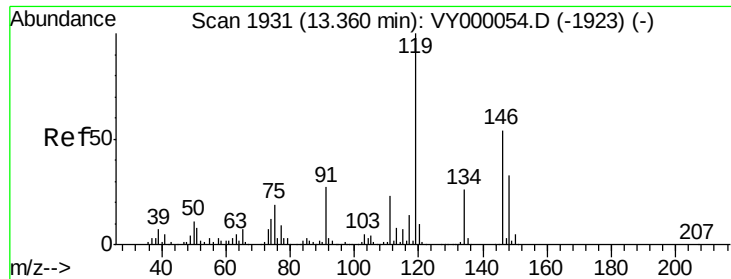


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

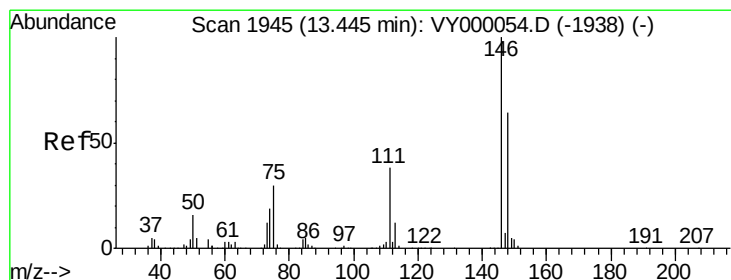
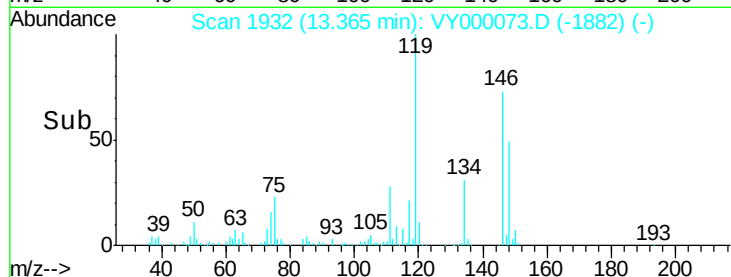
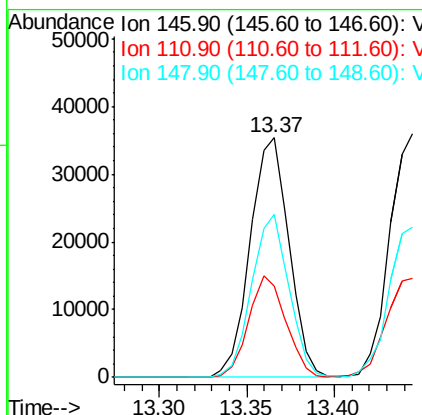
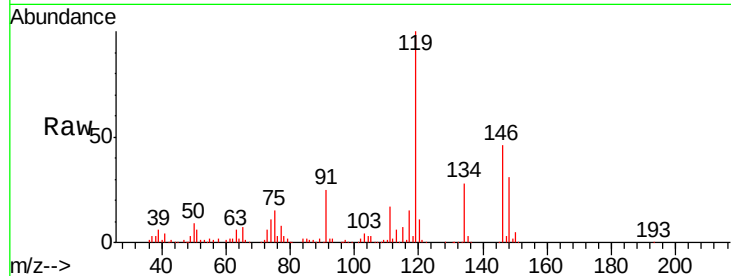




#87
 1,3-Dichlorobenzene
 Concen: 21.902 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

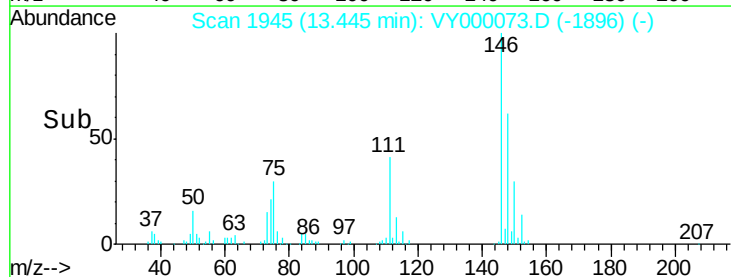
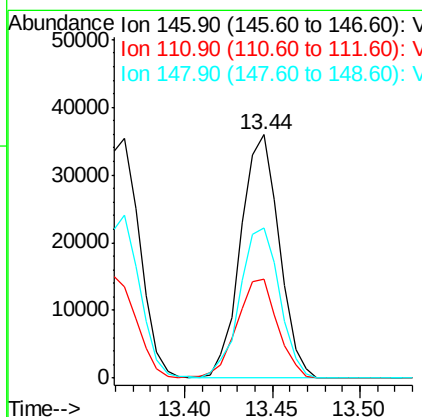
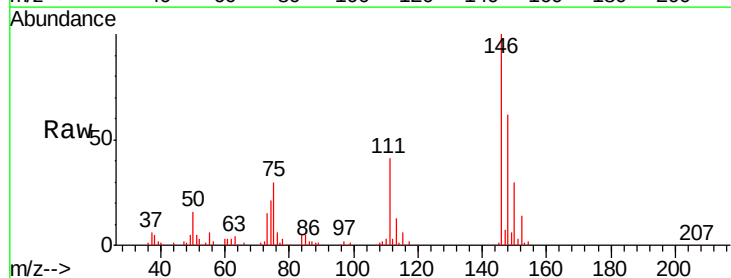
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

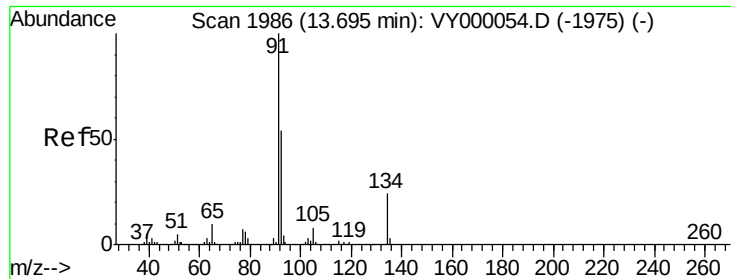
Tgt Ion:146 Resp: 54788
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.1 63.1
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.941 ug/l
 RT: 13.44 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion:146 Resp: 55152
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.4
 148 63.6 31.5 94.5

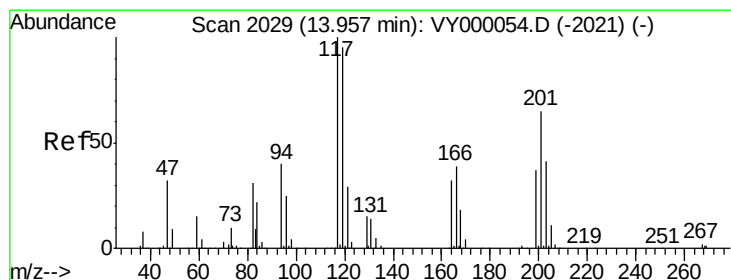
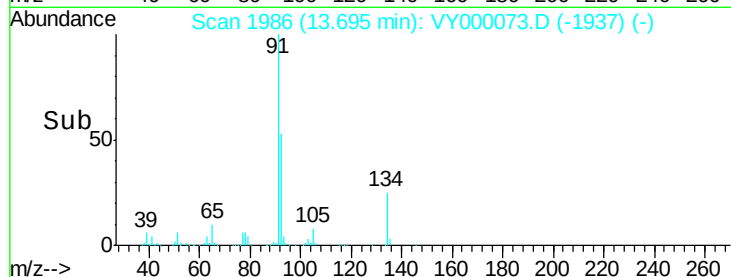
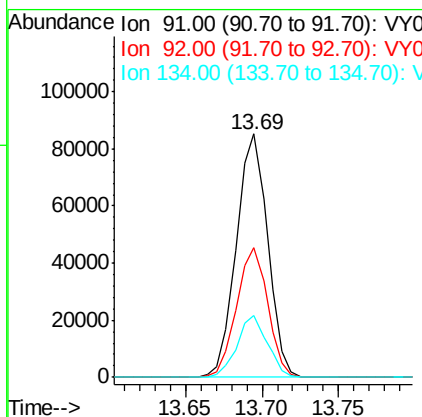
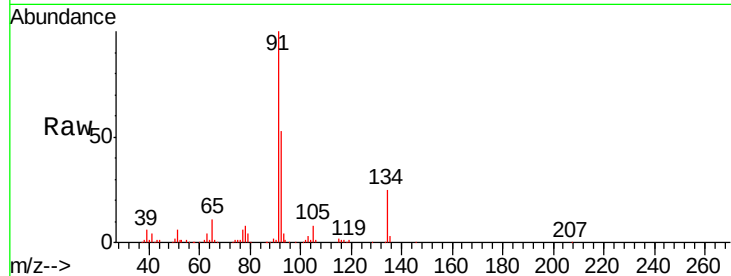




#89
n-Butylbenzene
Concen: 21.900 ug/l
RT: 13.69 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

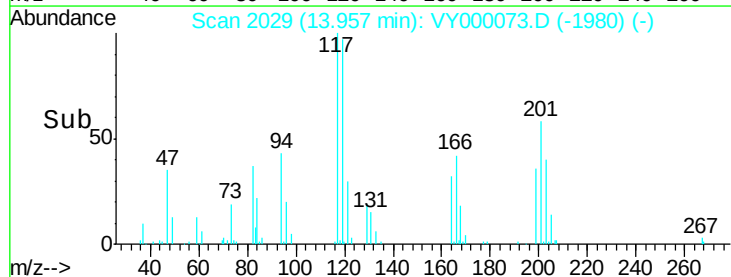
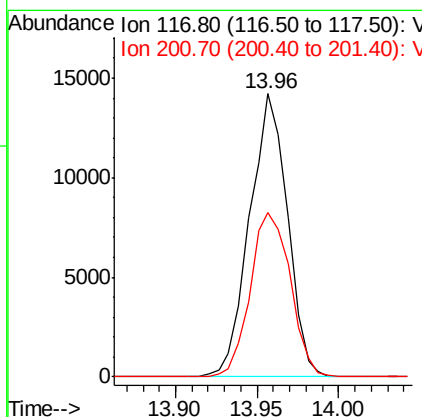
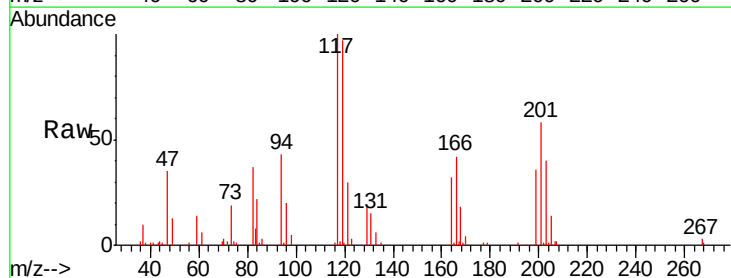
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

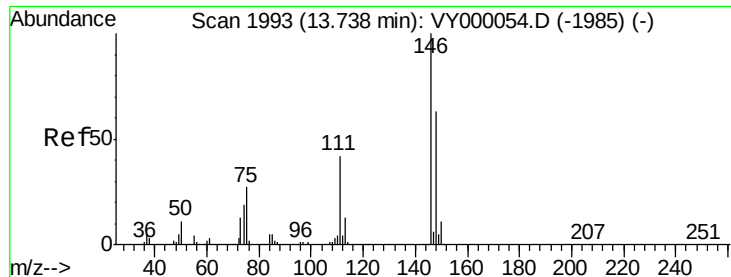
Tgt Ion: 91 Resp: 120758
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.5
134 24.6 12.2 36.6



#90
Hexachloroethane
Concen: 21.735 ug/l
RT: 13.96 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion: 117 Resp: 22894
Ion Ratio Lower Upper
117 100
201 61.4 30.6 92.0

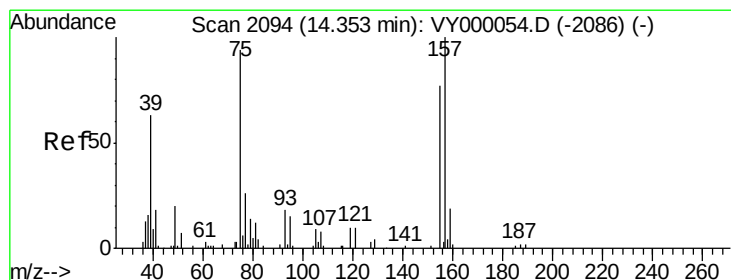
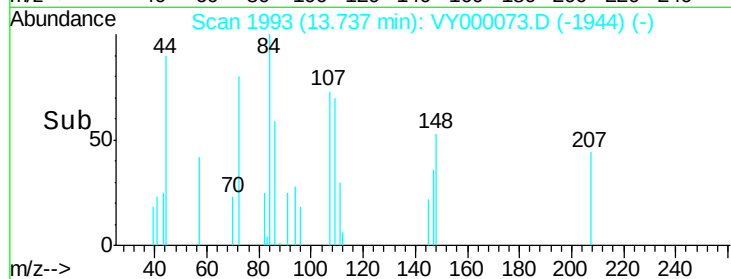
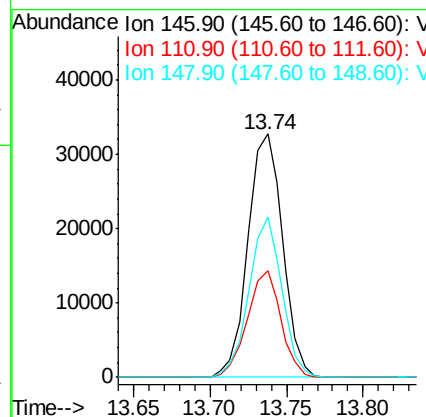
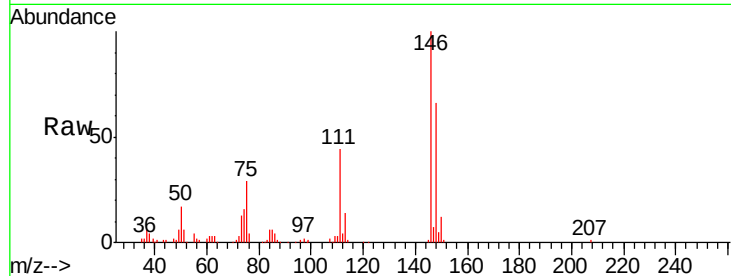




#91
 1,2-Dichlorobenzene
 Concen: 22.035 ug/l
 RT: 13.74 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

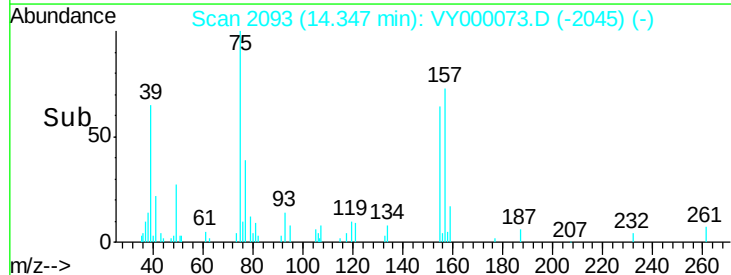
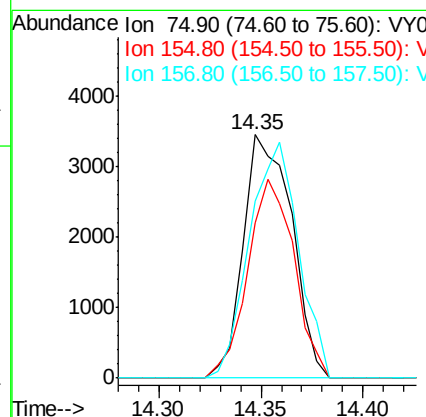
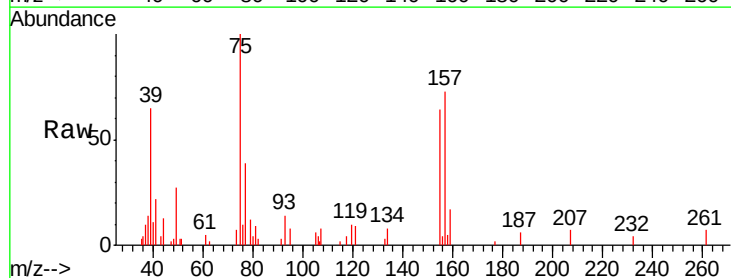
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

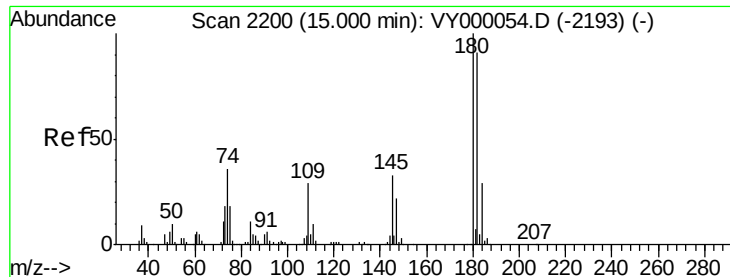
Tgt Ion: 146 Resp: 51788
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.9 65.7
 148 62.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.397 ug/l
 RT: 14.35 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion: 75 Resp: 5669
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.6 121.7
 157 98.6 52.9 158.8

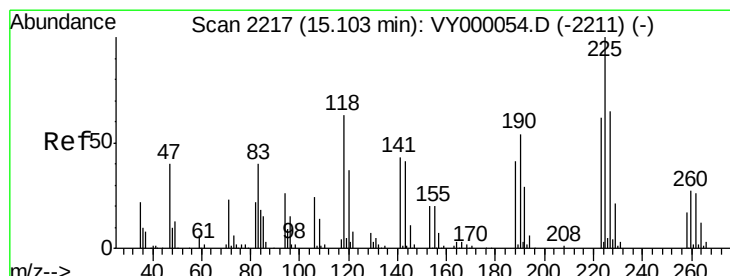
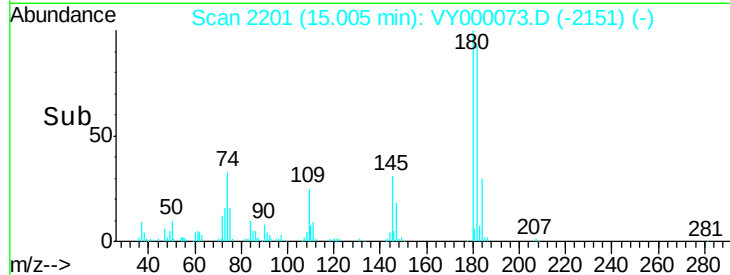
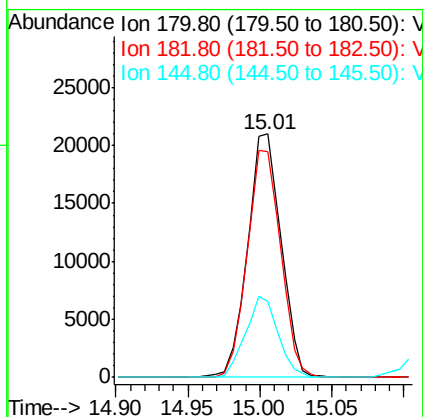
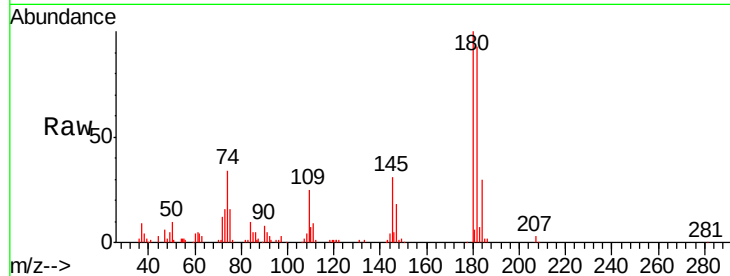




#93
 1,2,4-Trichlorobenzene
 Concen: 23.742 ug/l
 RT: 15.01 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

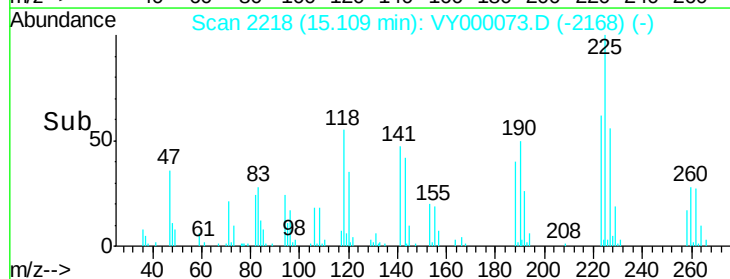
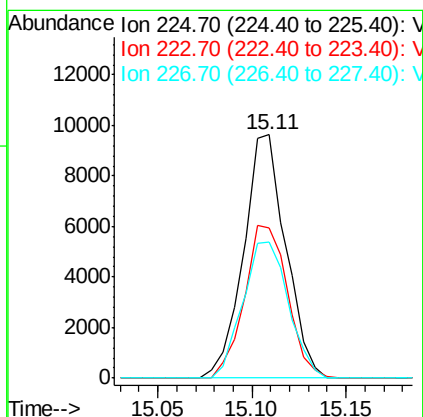
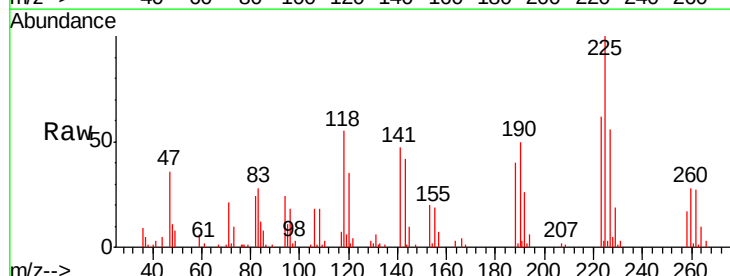
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

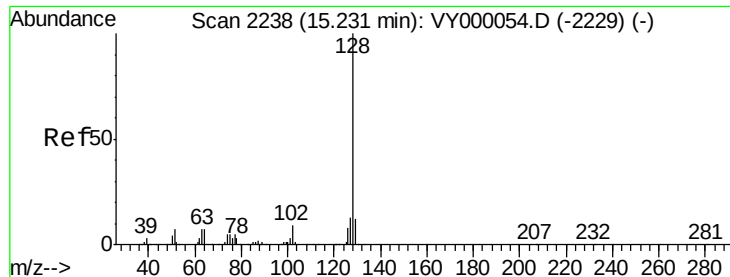
Tgt Ion:180 Resp: 33670
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.5 145.6
 145 32.3 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 21.947 ug/l
 RT: 15.11 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: VY000073.D
 Acq: 19 Sep 2019 13:39

Tgt Ion:225 Resp: 14944
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.5
 227 60.3 30.6 91.6

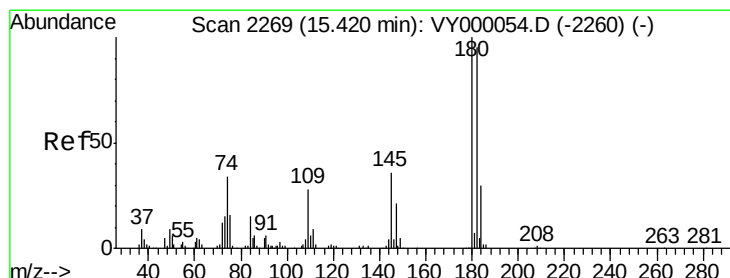
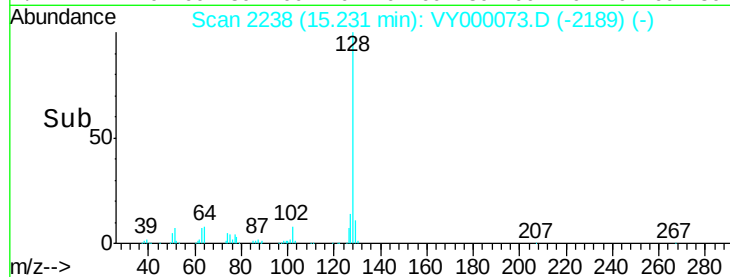
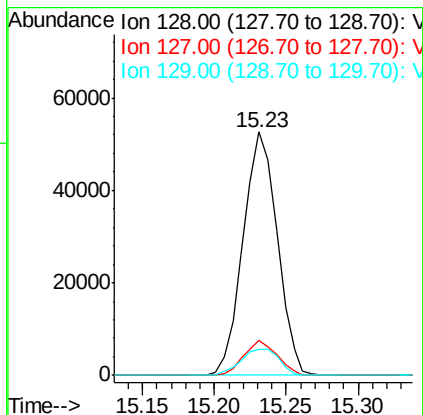
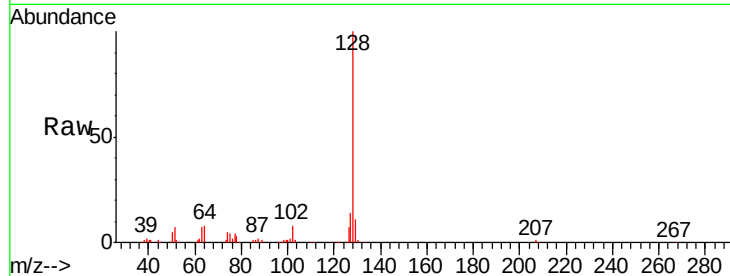




#95
Naphthalene
Concen: 21.520 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBS01

Tgt Ion:128 Resp: 86637
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 12.0 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 22.101 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VY000073.D
Acq: 19 Sep 2019 13:39

Tgt Ion:180 Resp: 29912
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 35.7 17.4 52.2

