

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000182.D
 Acq On : 03 Oct 2019 12:36
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 04 05:36:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	421622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	637893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	567348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	279761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	4031	0.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.82%	
35) Dibromofluoromethane	7.73	113	3570	0.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.80%	
50) Toluene-d8	10.18	98	14258	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	
62) 4-Bromofluorobenzene	12.49	95	4902	0.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	3214	1.145 ug/l	83
3) Chloromethane	2.12	50	4761	1.637 ug/l	92
4) Vinyl Chloride	2.25	62	3958	1.255 ug/l #	77
5) Bromomethane	2.65	94	3856	1.872 ug/l #	80
6) Chloroethane	2.80	64	2784	1.267 ug/l #	86
7) Trichlorofluoromethane	3.13	101	5557	1.104 ug/l	91
8) Diethyl Ether	3.54	74	2679	1.202 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	3414	1.073 ug/l #	66
10) Methyl Iodide	4.10	142	3773	0.873 ug/l #	94
11) Tert butyl alcohol	4.95	59	15360	7.272 ug/l #	78
12) 1,1-Dichloroethene	3.87	96	3828	1.279 ug/l #	74
13) Acrolein	3.73	56	5008	5.503 ug/l	95
14) Allyl chloride	4.48	41	4794	1.150 ug/l	95
15) Acrylonitrile	5.18	53	16524	4.870 ug/l	96
16) Acetone	3.96	43	16702	5.932 ug/l #	83
17) Carbon Disulfide	4.20	76	9337	1.549 ug/l #	81
18) Methyl Acetate	4.49	43	7479	0.951 ug/l	92
19) Methyl tert-butyl Ether	5.23	73	11827	0.979 ug/l	98
20) Methylene Chloride	4.72	84	4848	1.315 ug/l #	79
21) trans-1,2-Dichloroethene	5.22	96	4367	1.353 ug/l #	81
22) Diisopropyl ether	6.13	45	9906	0.896 ug/l #	86
23) Vinyl Acetate	6.07	43	44806	4.713 ug/l #	88
24) 1,1-Dichloroethane	6.02	63	6324	1.069 ug/l #	86
25) 2-Butanone	7.00	43	23935	4.782 ug/l #	87
26) 2,2-Dichloropropane	6.99	77	8499	1.477 ug/l	83
27) cis-1,2-Dichloroethene	6.99	96	4407	1.038 ug/l	71
28) Bromochloromethane	7.33	49	2221	0.954 ug/l #	81
29) Tetrahydrofuran	7.36	42	15576	4.664 ug/l	92
30) Chloroform	7.52	83	7515	1.109 ug/l #	75
31) Cyclohexane	7.80	56	12163	2.805 ug/l #	32
32) 1,1,1-Trichloroethane	7.71	97	6217	1.075 ug/l #	45
36) 1,1-Dichloropropene	7.93	75	5501	1.317 ug/l	99
37) Ethyl Acetate	7.08	43	8980	1.150 ug/l #	95
38) Carbon Tetrachloride	7.90	117	5366	1.048 ug/l #	85

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	6030	1.223	ug/l	95
40) Benzene	8.17	78	15263	1.102	ug/l	93
41) Methacrylonitrile	7.36	41	13429	3.627	ug/l #	17
42) 1,2-Dichloroethane	8.24	62	4649	0.965	ug/l	98
43) Isopropyl Acetate	8.28	43	10381	0.986	ug/l	96
44) Trichloroethene	8.94	130	4650	1.075	ug/l	80
45) 1,2-Dichloropropane	9.23	63	3901	1.098	ug/l	91
46) Dibromomethane	9.30	93	2939	1.111	ug/l	98
47) Bromodichloromethane	9.50	83	4917	0.910	ug/l #	78
48) Methyl methacrylate	9.30	41	4413	0.941	ug/l	93
49) 1,4-Dioxane	9.31	88	2913	19.916	ug/l #	93
51) 4-Methyl-2-Pentanone	10.08	43	35233	4.243	ug/l	99
52) Toluene	10.25	92	10145	1.107	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	5741	0.968	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	6517	1.053	ug/l #	87
55) 1,1,2-Trichloroethane	10.66	97	3631	0.862	ug/l #	87
56) Ethyl methacrylate	10.52	69	5966	0.912	ug/l	98
57) 1,3-Dichloropropane	10.80	76	6548	0.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	15221	4.562	ug/l	95
59) 2-Hexanone	10.84	43	29575	4.228	ug/l	98
60) Dibromochloromethane	10.99	129	4532	0.935	ug/l	89
61) 1,2-Dibromoethane	11.09	107	4274	1.000	ug/l	96
64) Tetrachloroethene	10.72	164	4708	1.065	ug/l	93
65) Chlorobenzene	11.52	112	10978	1.020	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.59	131	4136	0.932	ug/l #	66
67) Ethyl Benzene	11.59	91	18085	1.007	ug/l	99
68) m/p-Xylenes	11.70	106	15266	2.143	ug/l	92
69) o-Xylene	12.03	106	7015	0.983	ug/l	94
70) Styrene	12.05	104	11115	0.904	ug/l	93
71) Bromoform	12.21	173	3647	0.892	ug/l #	98
73) Isopropylbenzene	12.33	105	18259	0.988	ug/l	98
74) N-amyl acetate	12.14	43	6044	0.743	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	5639	0.860	ug/l	87
76) 1,2,3-Trichloropropane	12.63	75	8385	1.709	ug/l #	100
77) Bromobenzene	12.61	156	4951	0.973	ug/l	94
78) n-propylbenzene	12.67	91	19362	0.937	ug/l	99
79) 2-Chlorotoluene	12.75	91	11042	0.907	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	15144	0.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	2330	0.850	ug/l #	82
82) 4-Chlorotoluene	12.86	91	11941	0.921	ug/l	96
83) tert-Butylbenzene	13.08	119	13317	0.943	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	13975	0.908	ug/l	99
85) sec-Butylbenzene	13.25	105	18075	0.956	ug/l	99
86) p-Isopropyltoluene	13.37	119	15763	0.909	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	9392	1.022	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	9392	0.982	ug/l	98
89) n-Butylbenzene	13.70	91	13631	0.895	ug/l	97
90) Hexachloroethane	13.95	117	2726	0.793	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	8821	0.945	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2157	0.980	ug/l	84

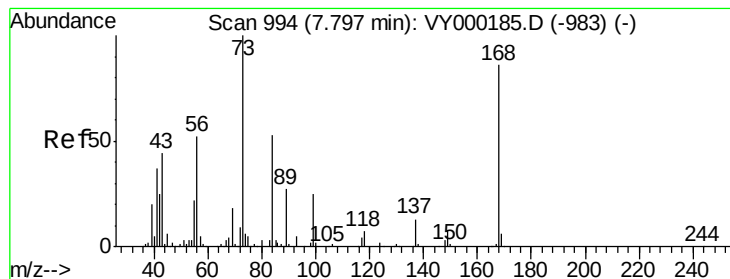
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
Data File : VY000182.D
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	5748	0.841	ug/l	99
94) Hexachlorobutadiene	15.11	225	3038	0.957	ug/l	91
95) Naphthalene	15.23	128	20881	0.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	5692	0.842	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

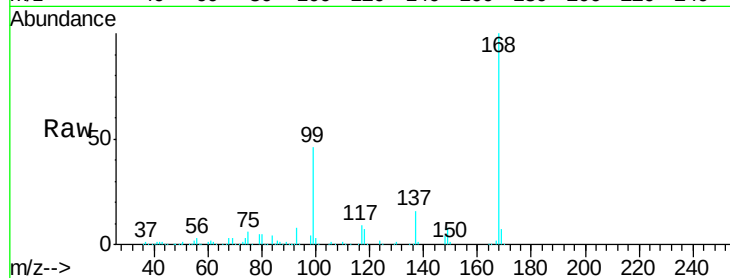
VSTDIC001

Tgt Ion:168 Resp: 421622

Ion Ratio Lower Upper

168 100

99 46.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VY000182.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000182.D (-983) (-)

7.80

200000

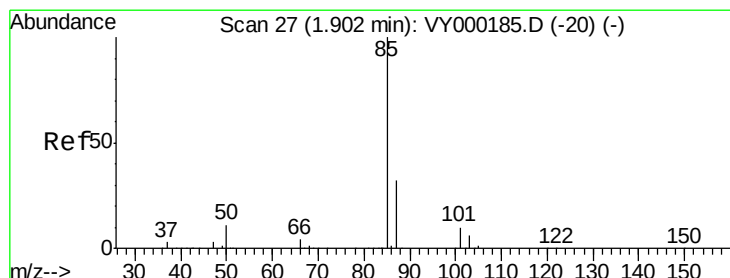
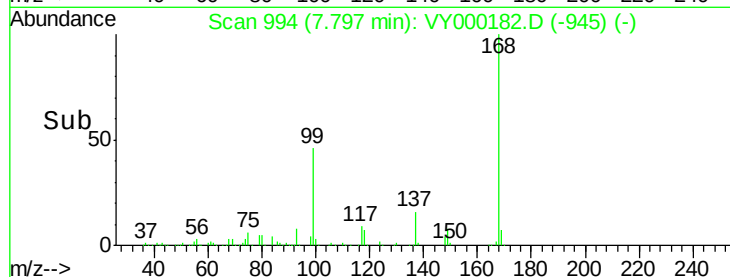
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.145 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000182.D

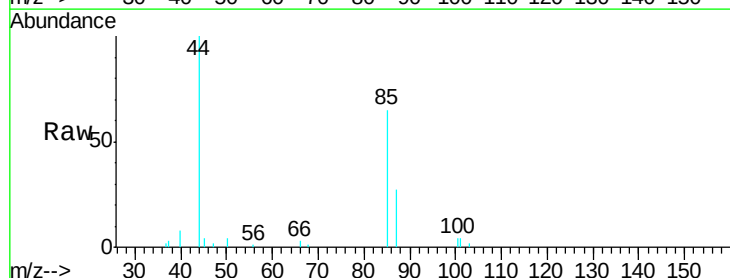
Acq: 03 Oct 2019 12:36

Tgt Ion: 85 Resp: 3214

Ion Ratio Lower Upper

85 100

87 41.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000182.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000182.D (-20) (-)

1.90

3000

2500

2000

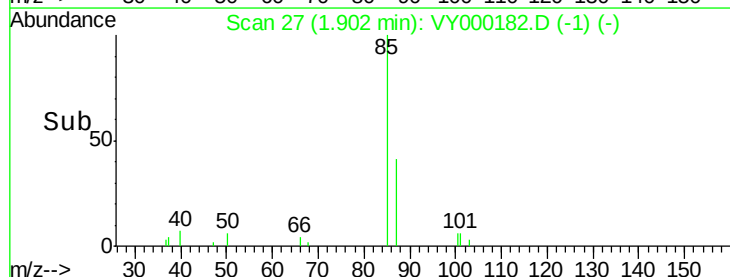
1500

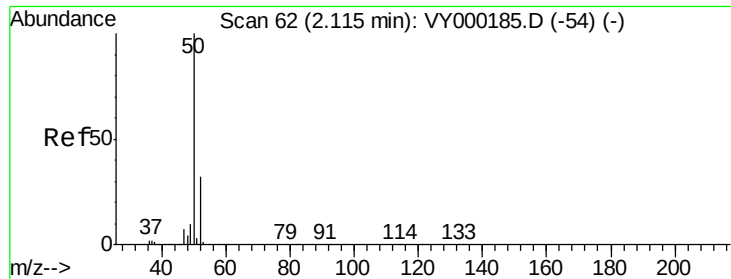
1000

500

0

Time-->





#3

Chloromethane

Concen: 1.637 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

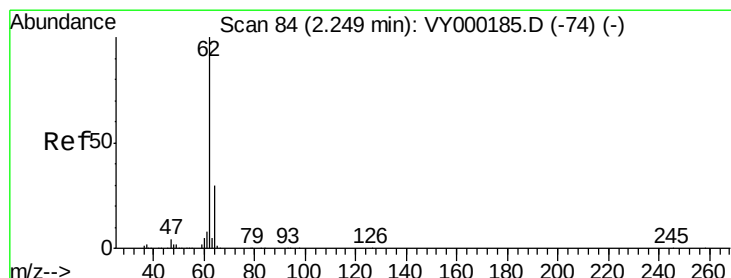
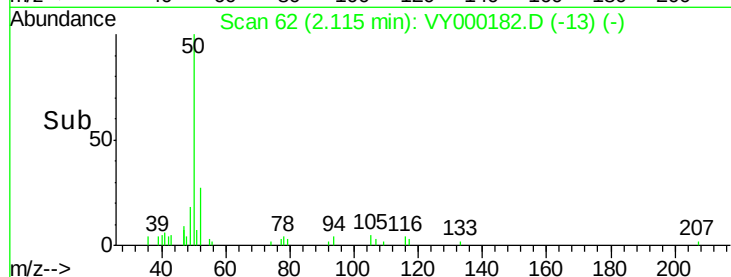
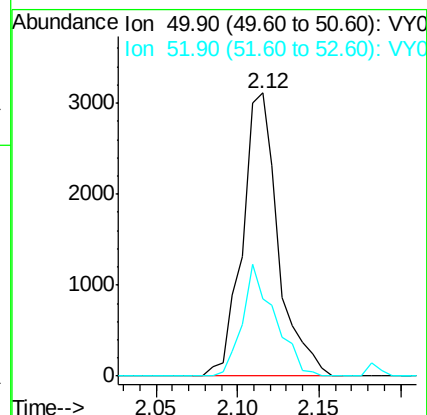
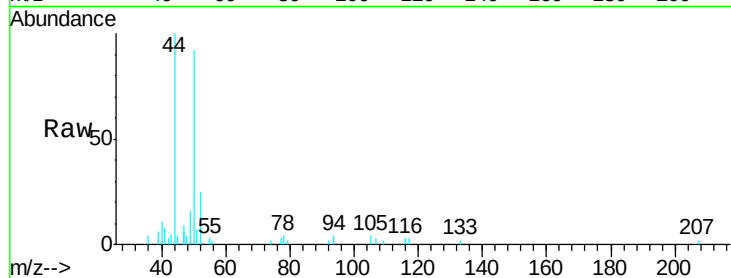
VSTDIC001

Tgt Ion: 50 Resp: 4761

Ion Ratio Lower Upper

50 100

52 27.2 25.3 37.9



#4

Vinyl Chloride

Concen: 1.255 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000182.D

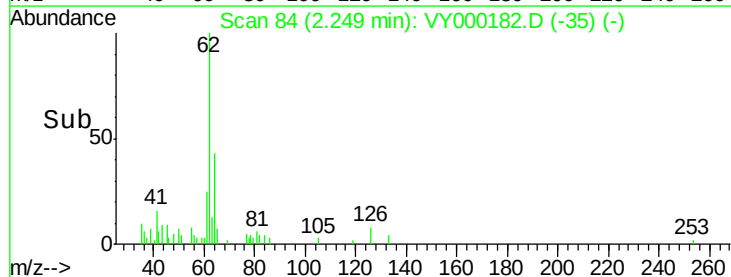
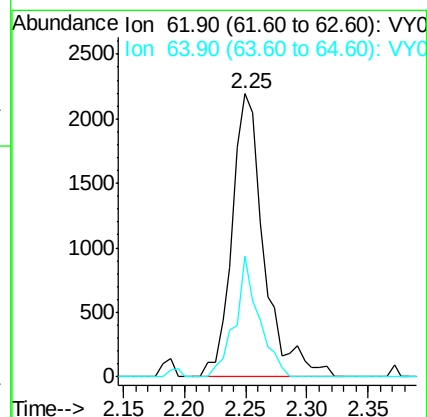
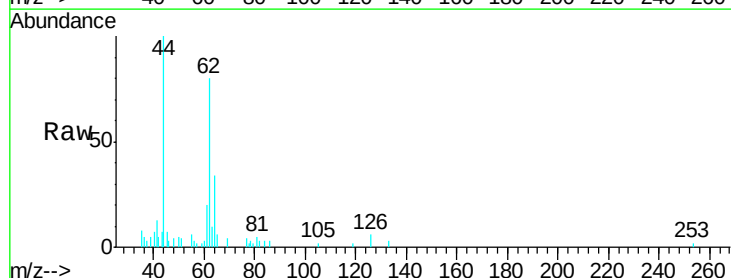
Acq: 03 Oct 2019 12:36

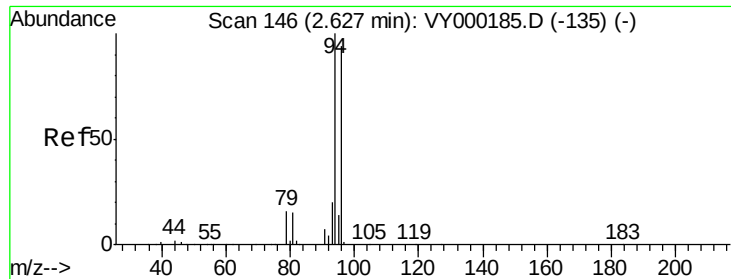
Tgt Ion: 62 Resp: 3958

Ion Ratio Lower Upper

62 100

64 42.8 24.3 36.5#





#5

Bromomethane

Concen: 1.872 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.02 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

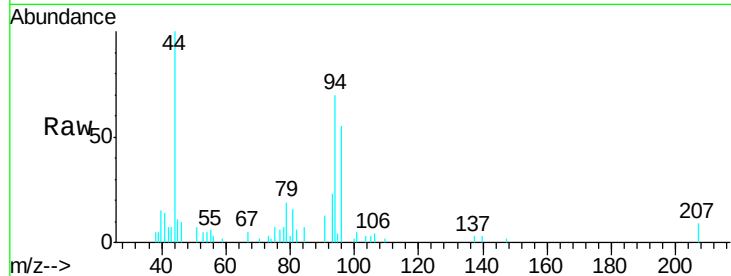
VSTDIC001

Tgt Ion: 94 Resp: 3856

Ion Ratio Lower Upper

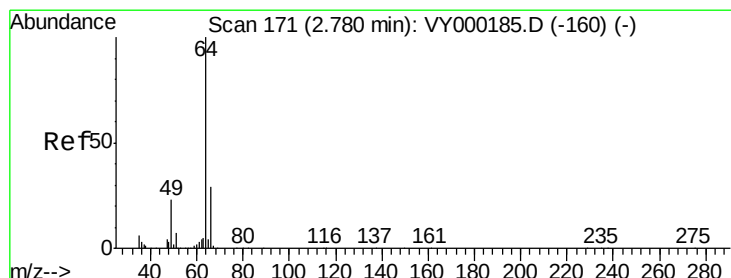
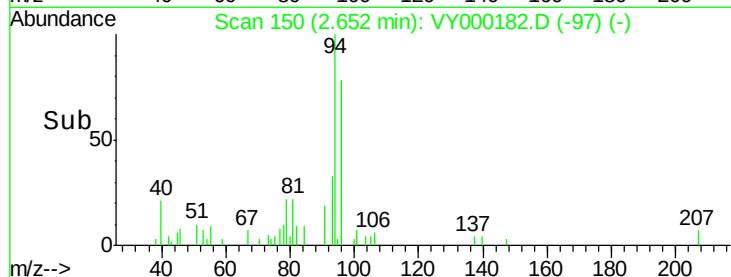
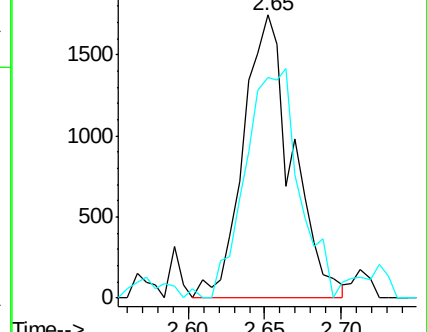
94 100

96 74.6 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 1.267 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.02 min

Lab File: VY000182.D

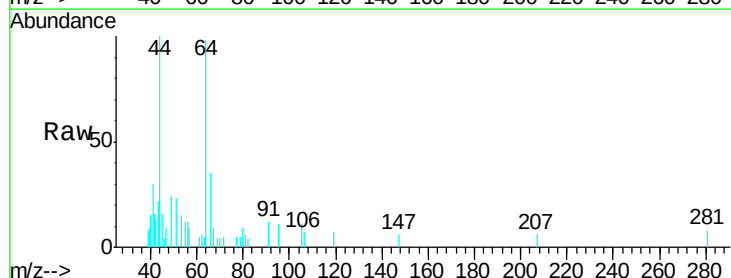
Acq: 03 Oct 2019 12:36

Tgt Ion: 64 Resp: 2784

Ion Ratio Lower Upper

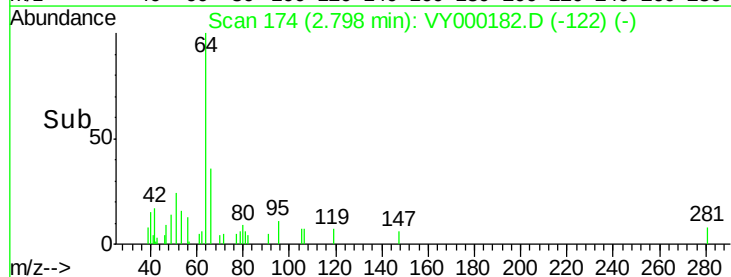
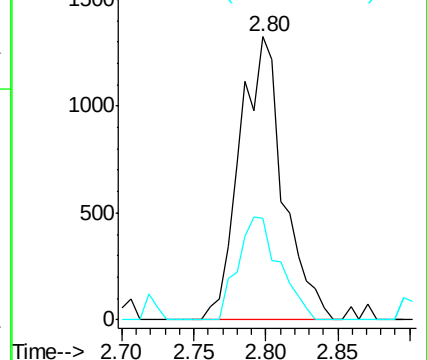
64 100

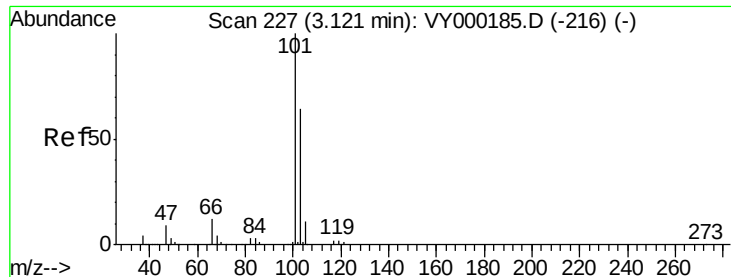
66 36.1 23.1 34.7#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

Trichlorofluoromethane

Concen: 1.104 ug/l

RT: 3.13 min Scan# 228

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampled :

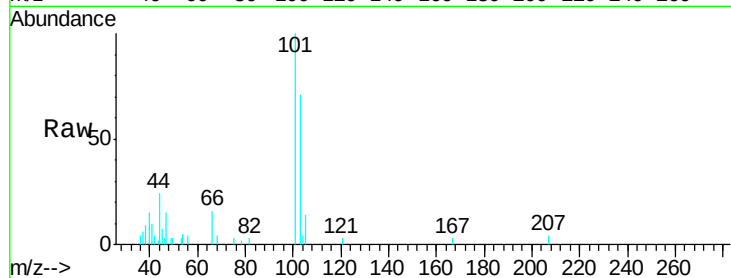
VSTDIC001

Tgt Ion:101 Resp: 5557

Ion Ratio Lower Upper

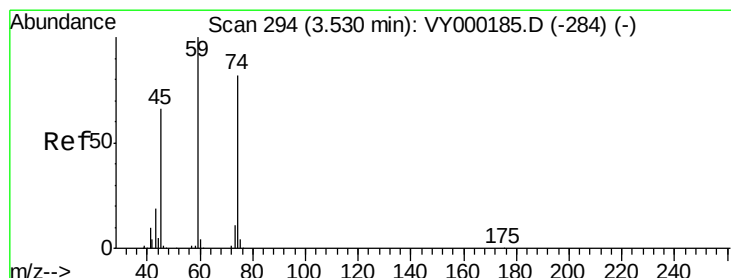
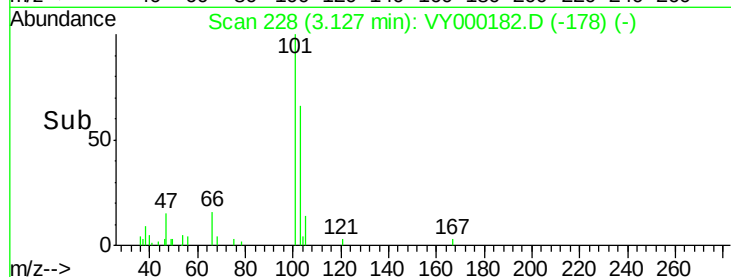
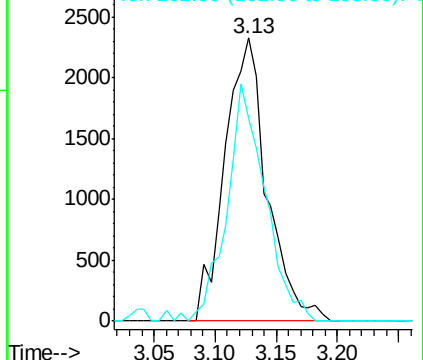
101 100

103 71.4 51.3 76.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.202 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VY000182.D

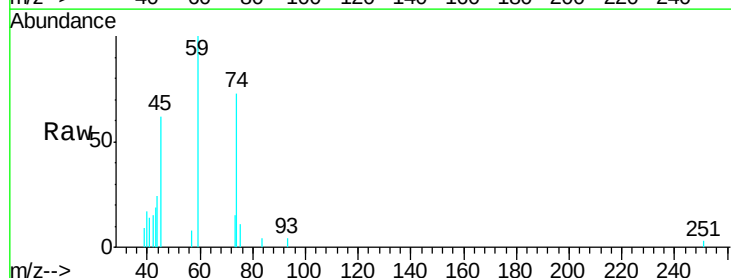
Acq: 03 Oct 2019 12:36

Tgt Ion: 74 Resp: 2679

Ion Ratio Lower Upper

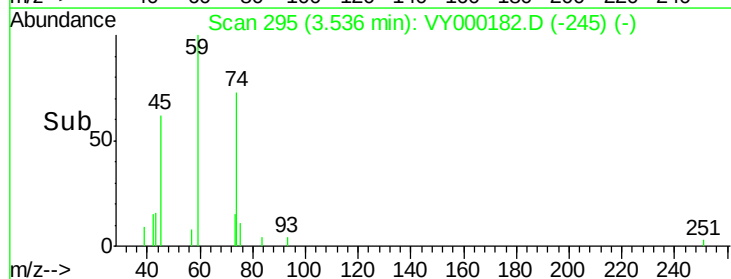
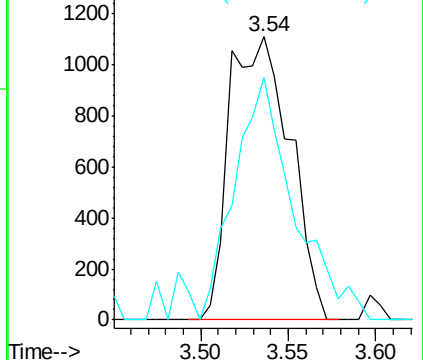
74 100

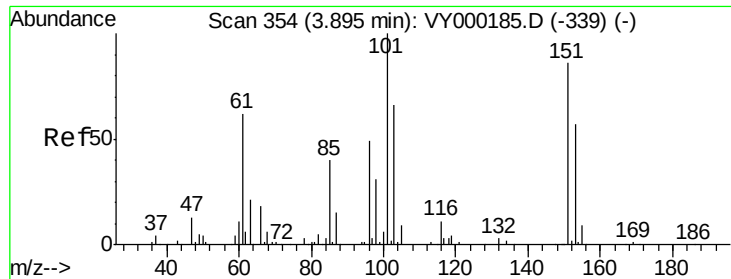
45 84.3 40.6 121.7



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.073 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

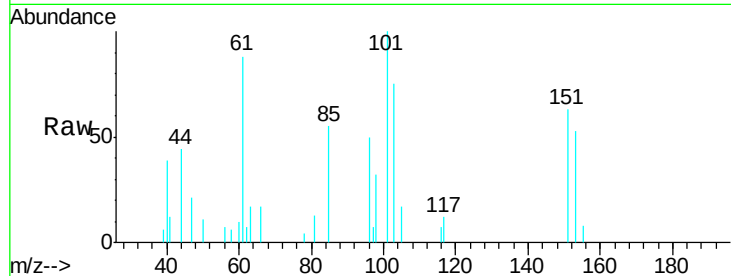
Tgt Ion:101 Resp: 3414

Ion Ratio Lower Upper

101 100

85 47.4 33.8 50.6

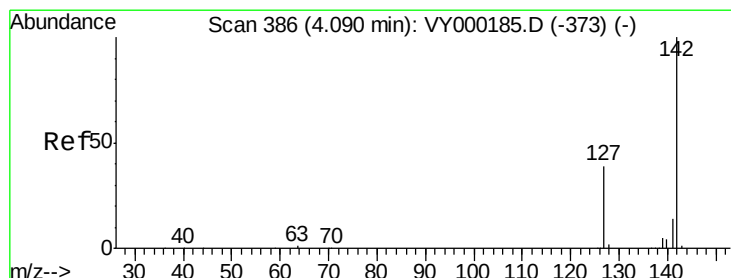
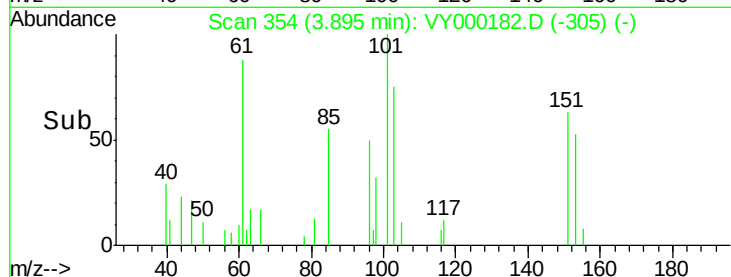
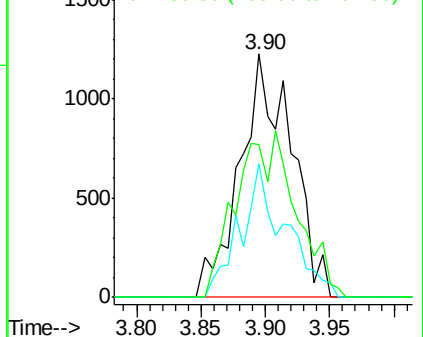
151 43.7 69.7 104.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.873 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

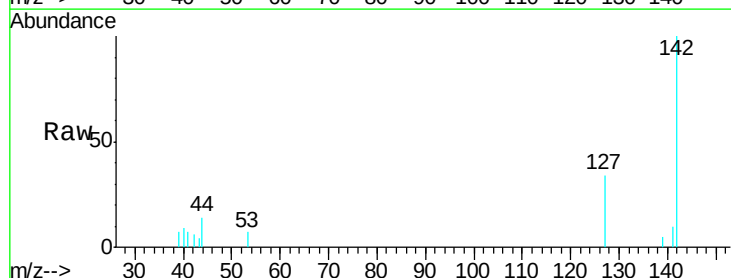
Tgt Ion:142 Resp: 3773

Ion Ratio Lower Upper

142 100

127 37.5 31.7 47.5

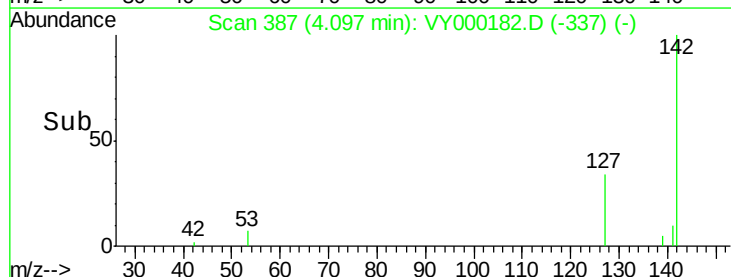
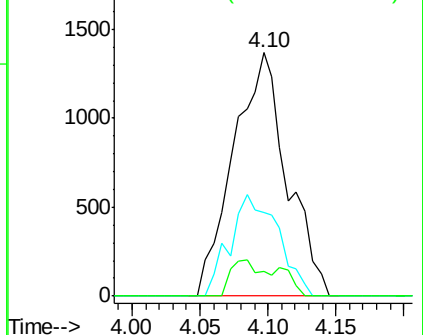
141 9.2 11.0 16.6#

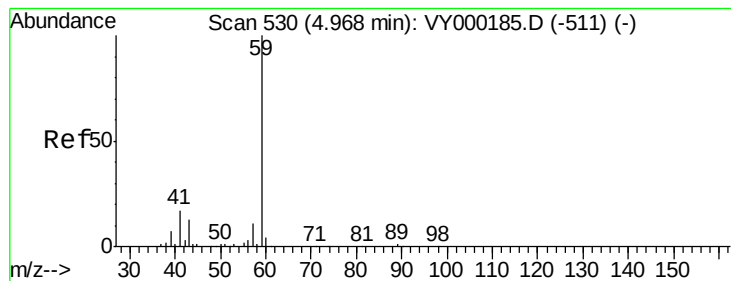


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



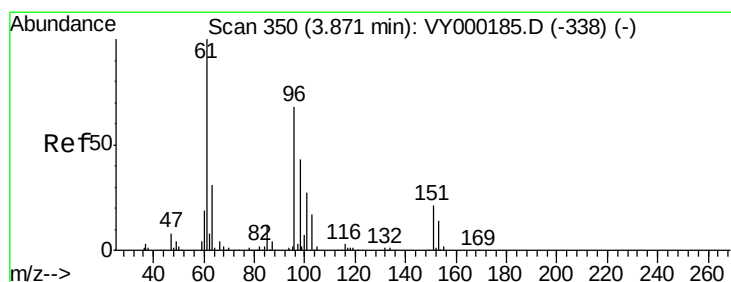
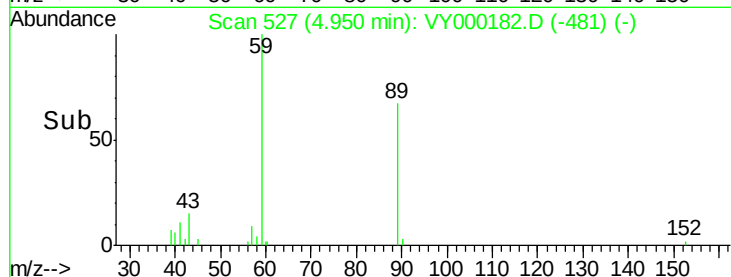
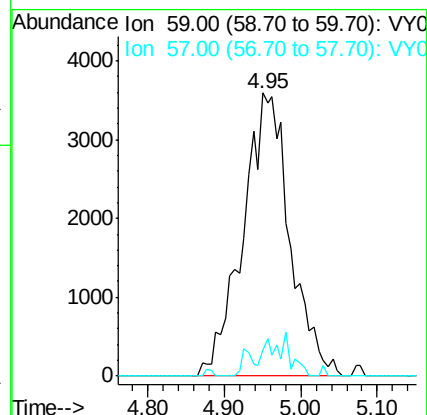
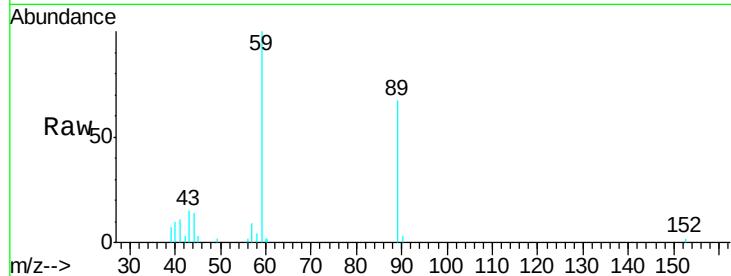


#11

Tert butyl alcohol
 Concen: 7.272 ug/l
 RT: 4.95 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

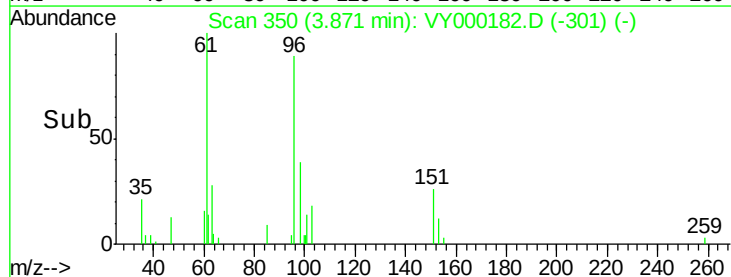
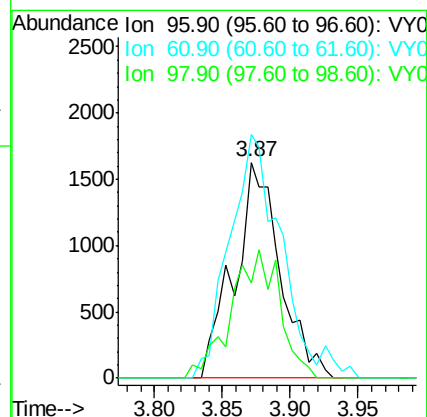
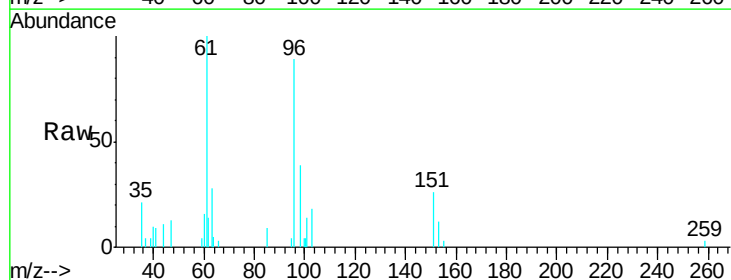
Tgt Ion: 59 Resp: 15360
 Ion Ratio Lower Upper
 59 100
 57 1.5 7.8 11.8#

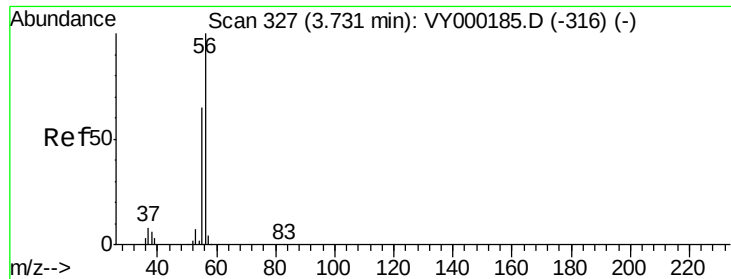


#12

1,1-Dichloroethene
 Concen: 1.279 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 96 Resp: 3828
 Ion Ratio Lower Upper
 96 100
 61 112.9 117.1 175.7#
 98 43.9 50.3 75.5#





#13

Acrolein

Concen: 5.503 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

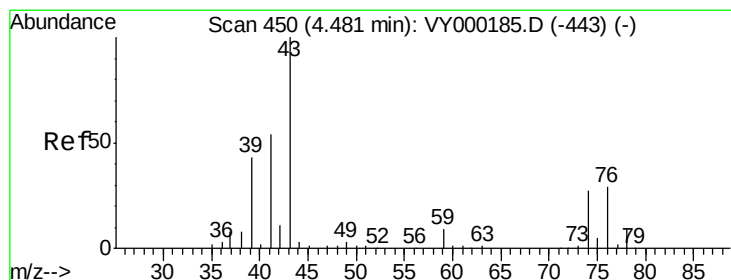
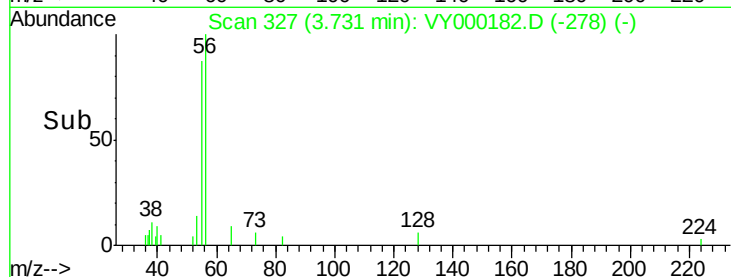
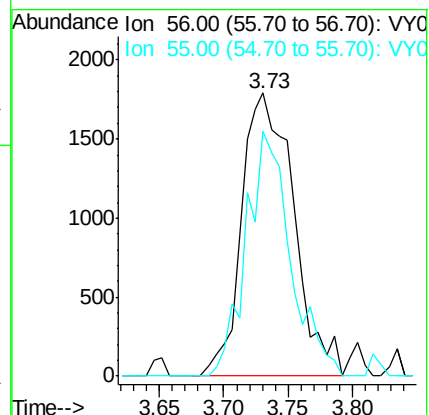
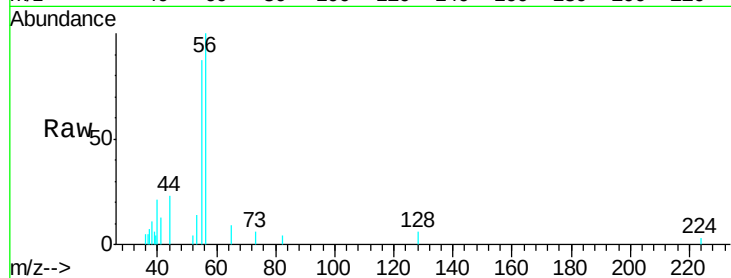
VSTDIC001

Tgt Ion: 56 Resp: 5008

Ion Ratio Lower Upper

56 100

55 73.7 55.5 83.3



#14

Allyl chloride

Concen: 1.150 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

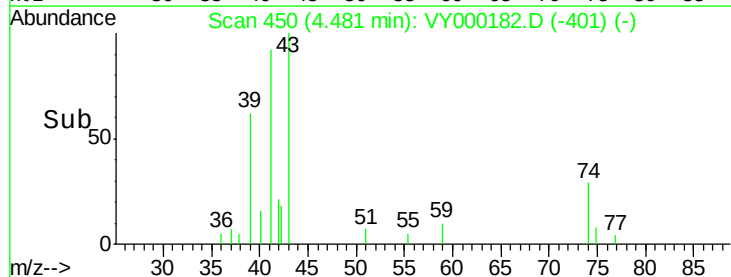
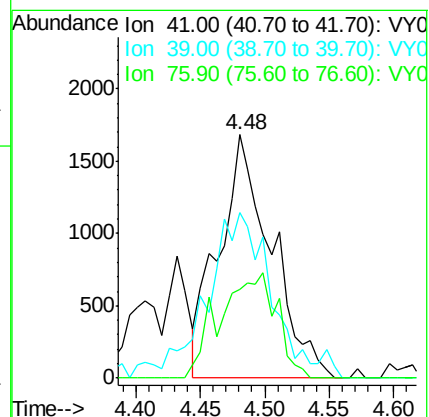
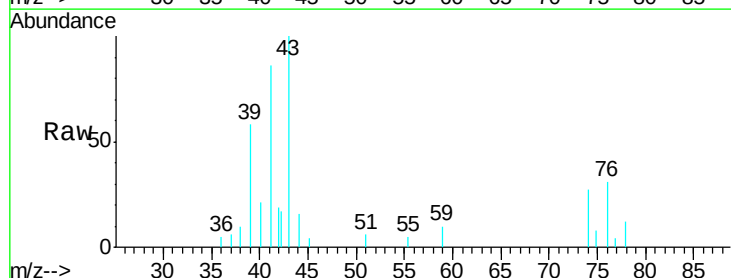
Tgt Ion: 41 Resp: 4794

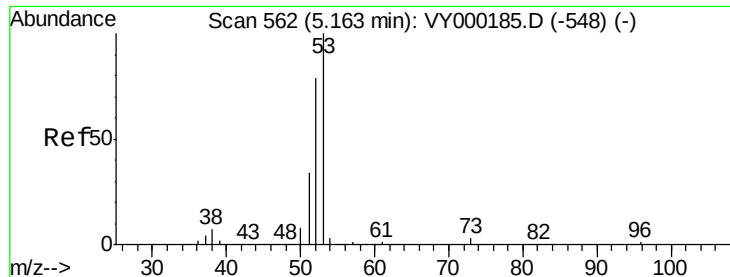
Ion Ratio Lower Upper

41 100

39 82.7 61.8 92.6

76 46.4 36.2 54.4





#15

Acrylonitrile

Concen: 4.870 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

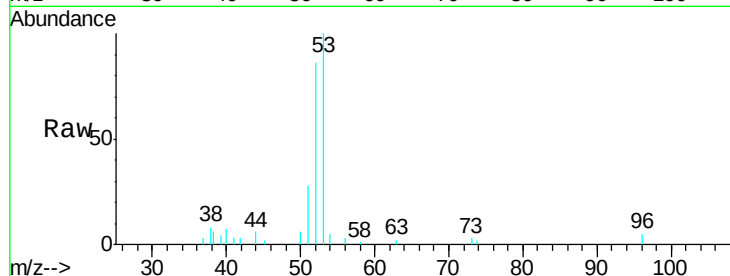
Tgt Ion: 53 Resp: 16524

Ion Ratio Lower Upper

53 100

52 83.7 64.8 97.2

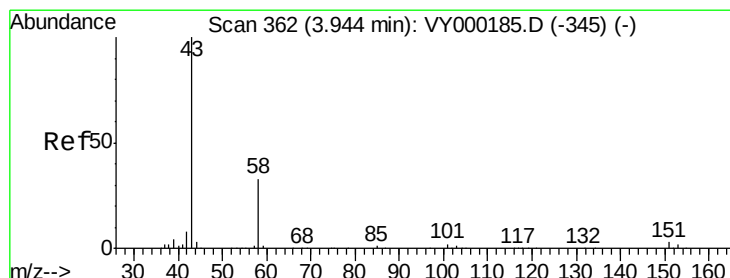
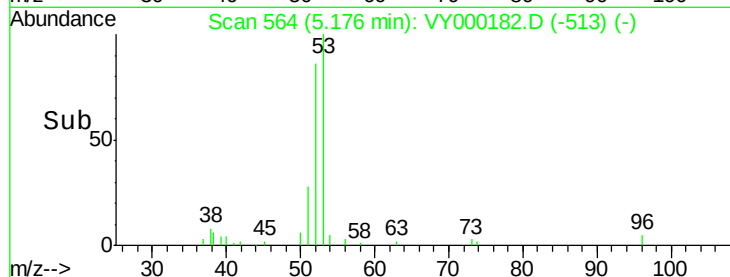
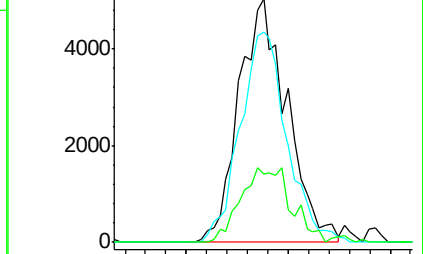
51 31.7 27.7 41.5



Abundance Ion 53.00 (52.70 to 53.70): VY000185.D (-548) (-)

Ion 52.00 (51.70 to 52.70): VY000185.D (-548) (-)

Ion 51.00 (50.70 to 51.70): VY000185.D (-548) (-)



#16

Acetone

Concen: 5.932 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.02 min

Lab File: VY000182.D

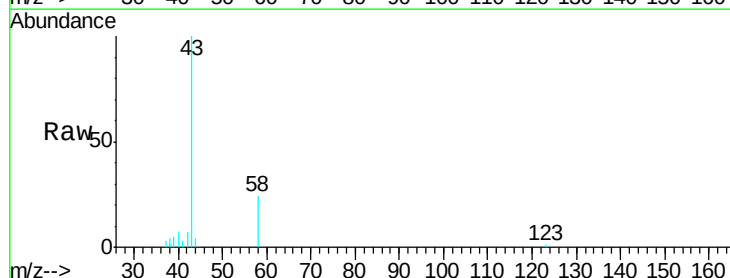
Acq: 03 Oct 2019 12:36

Tgt Ion: 43 Resp: 16702

Ion Ratio Lower Upper

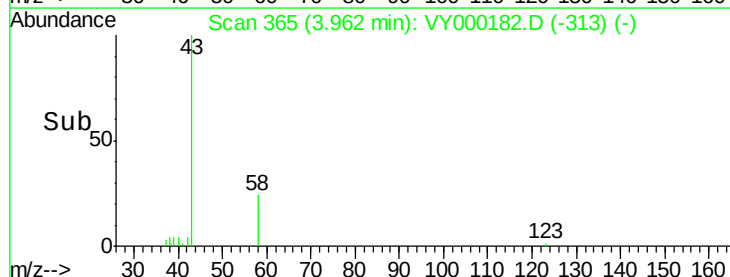
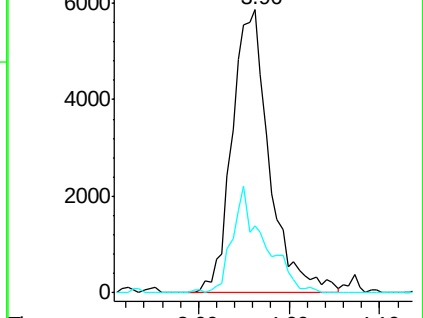
43 100

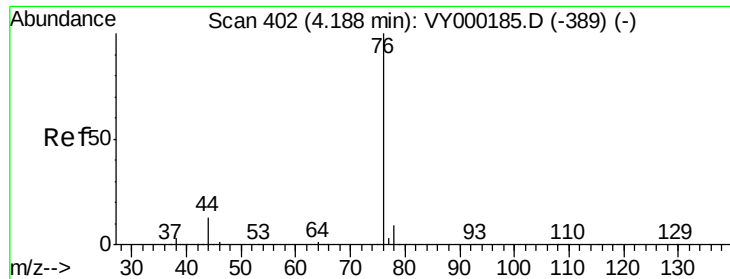
58 23.8 26.8 40.2#



Abundance Ion 43.00 (42.70 to 43.70): VY000185.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VY000185.D (-345) (-)

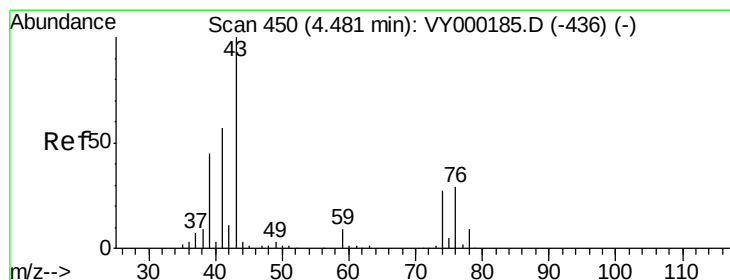
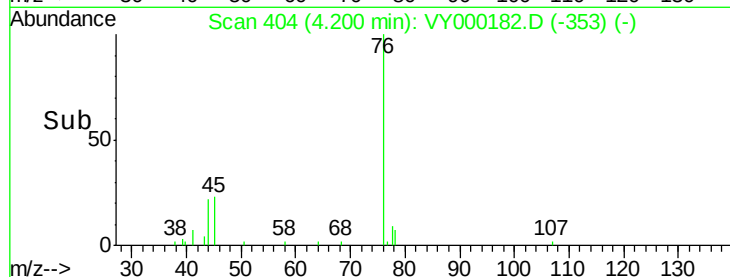
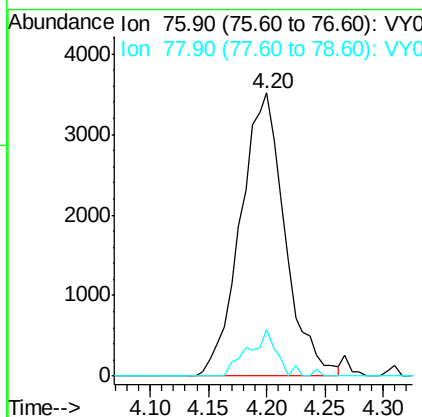
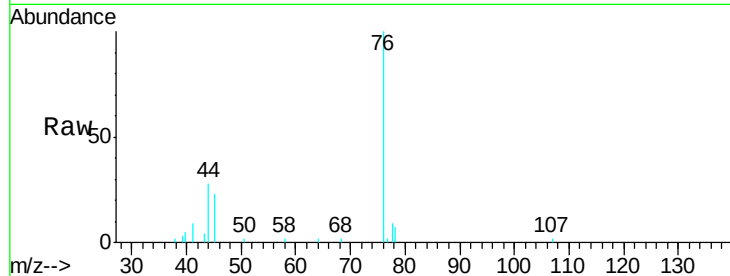




#17
Carbon Disulfide
Concen: 1.549 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

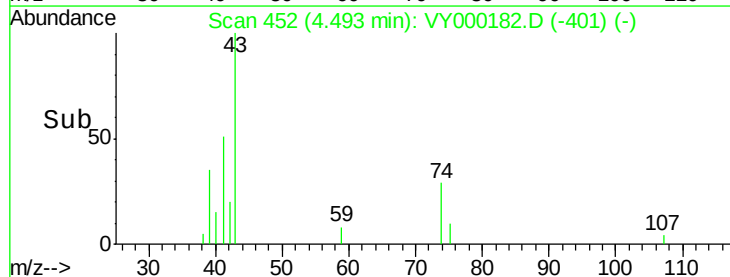
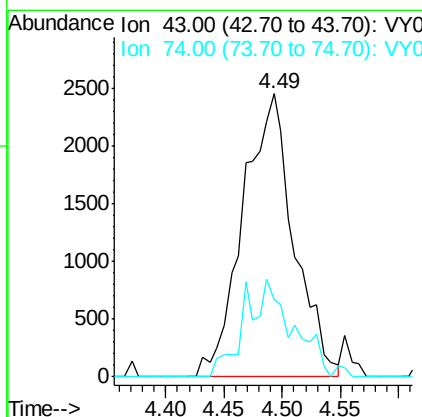
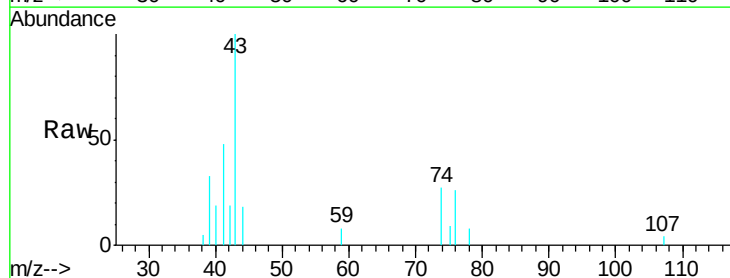
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

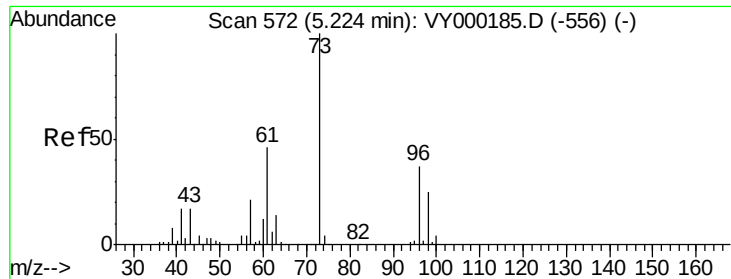
Tgt Ion: 76 Resp: 9337
Ion Ratio Lower Upper
76 100
78 16.5 7.6 11.4#



#18
Methyl Acetate
Concen: 0.951 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 43 Resp: 7479
Ion Ratio Lower Upper
43 100
74 32.3 22.3 33.5

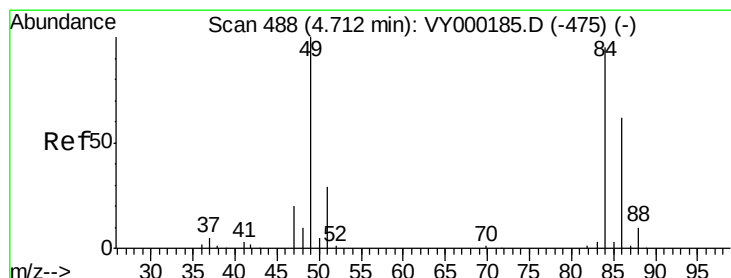
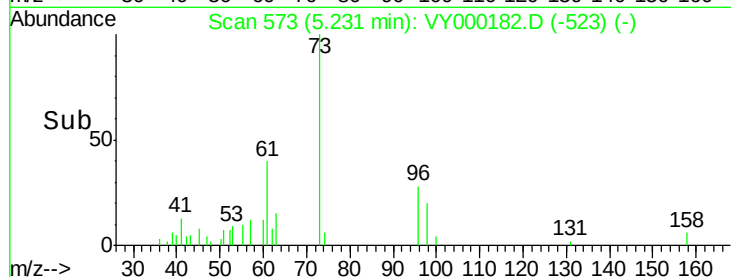
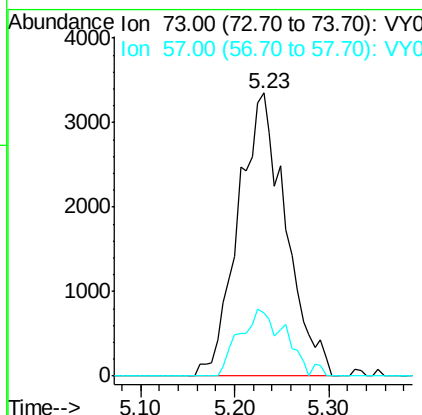
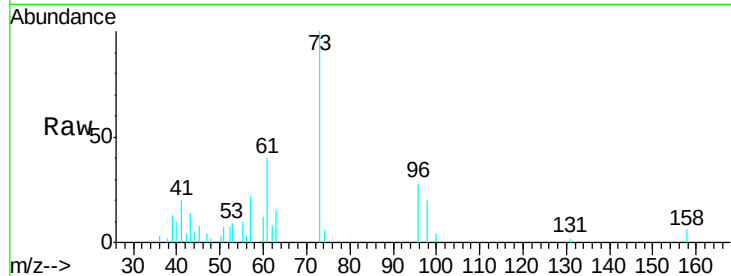




#19
Methyl tert-butyl Ether
Concen: 0.979 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

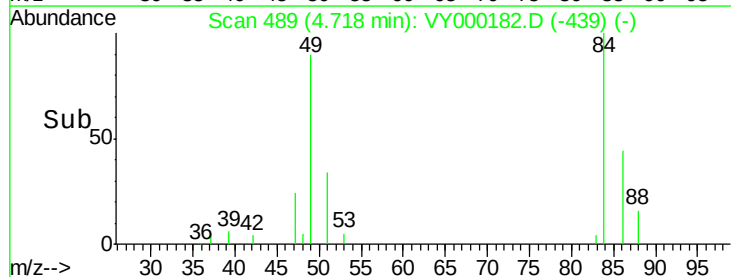
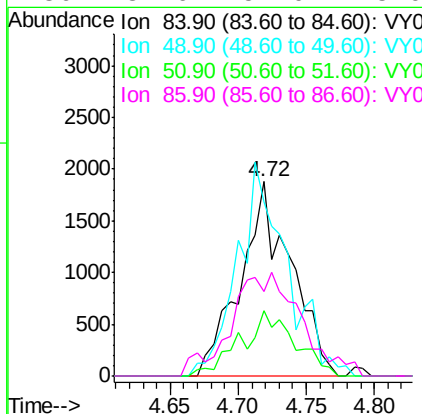
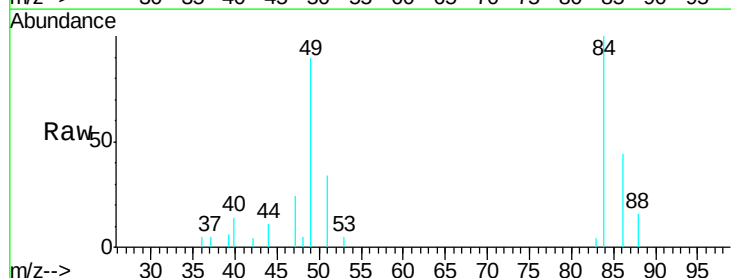
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

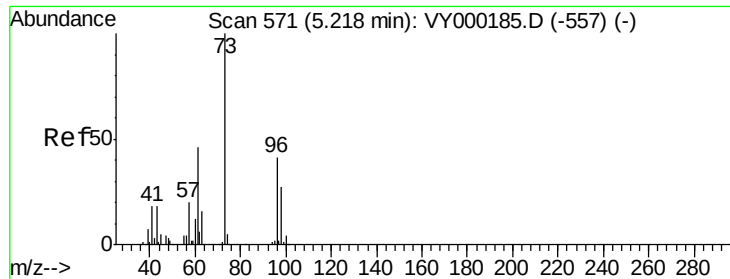
Tgt Ion: 73 Resp: 11827
Ion Ratio Lower Upper
73 100
57 22.1 16.9 25.3



#20
Methylene Chloride
Concen: 1.315 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 84 Resp: 4848
Ion Ratio Lower Upper
84 100
49 89.5 84.2 126.4
51 33.6 24.6 37.0
86 34.6 52.0 78.0#





#21

trans-1,2-Dichloroethene

Concen: 1.353 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

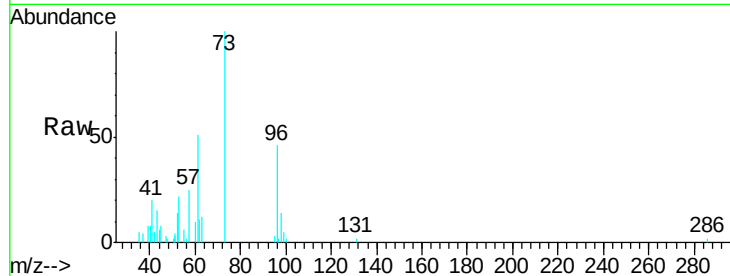
Tgt Ion: 96 Resp: 4367

Ion Ratio Lower Upper

96 100

61 110.3 91.4 137.0

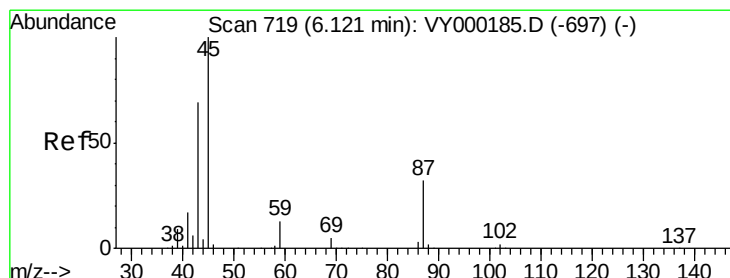
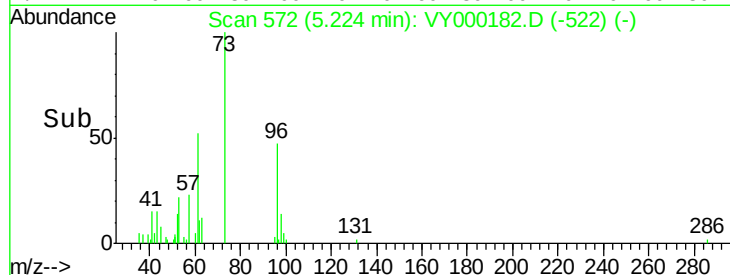
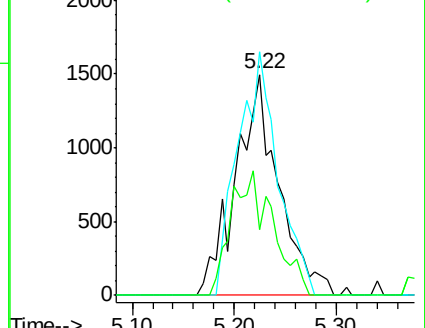
98 30.0 52.5 78.7#



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 0.896 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Tgt Ion: 45 Resp: 9906

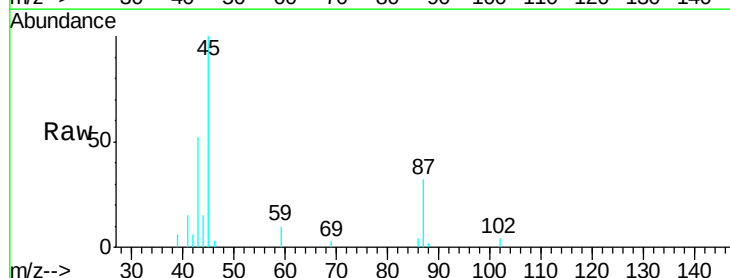
Ion Ratio Lower Upper

45 100

43 51.8 55.4 83.0#

87 32.3 25.8 38.8

59 9.6 10.1 15.1#

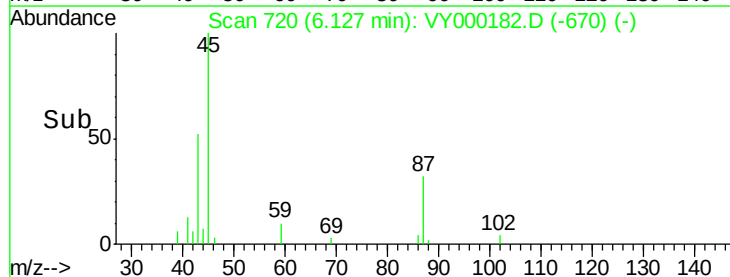
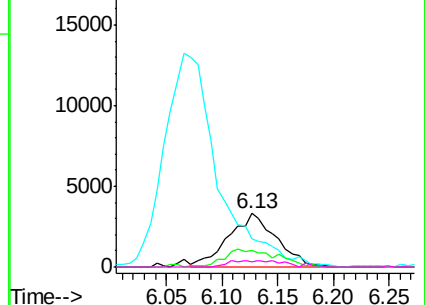


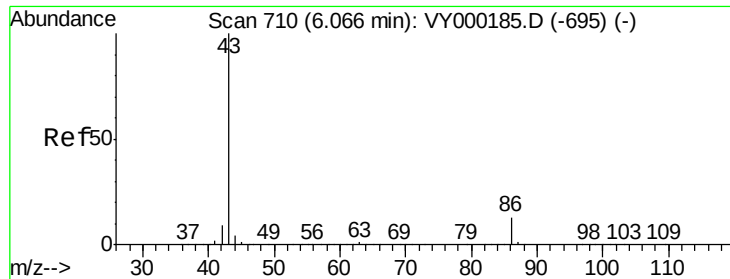
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 4.713 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

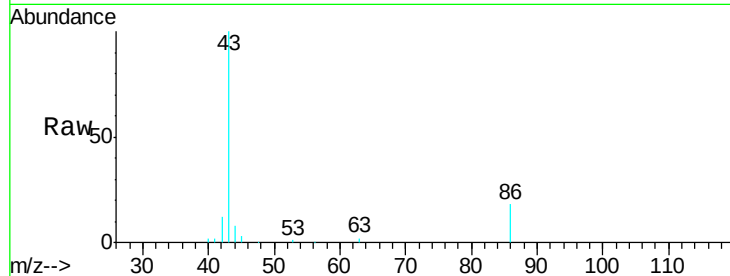
VSTDIC001

Tgt Ion: 43 Resp: 44806

Ion Ratio Lower Upper

43 100

86 17.6 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

15000

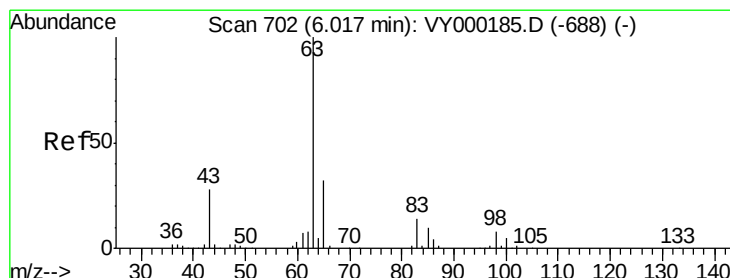
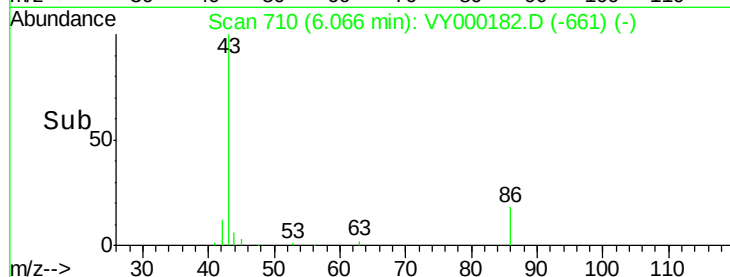
10000

5000

0

Time-->

5.90 6.00 6.10 6.20



#24

1,1-Dichloroethane

Concen: 1.069 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

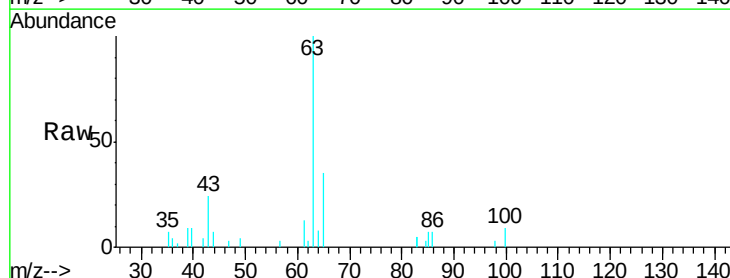
Tgt Ion: 63 Resp: 6324

Ion Ratio Lower Upper

63 100

98 2.7 3.9 11.5#

100 8.8 2.3 6.9#



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

3000

2500

2000

1500

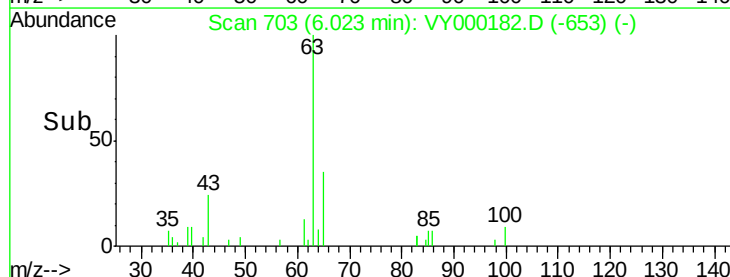
1000

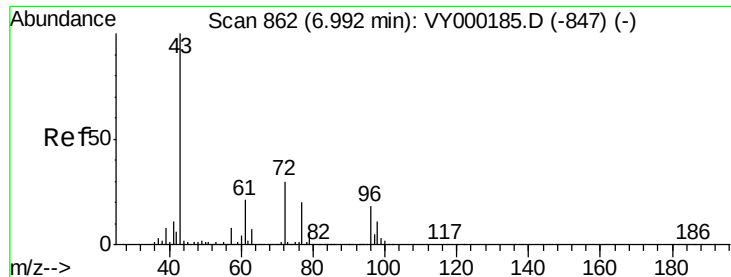
500

0

Time-->

5.90 6.00 6.10





#25

2-Butanone

Concen: 4.782 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

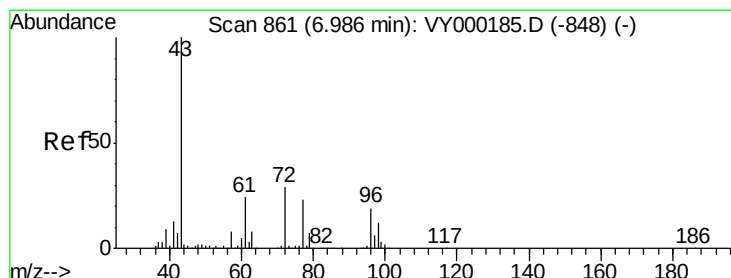
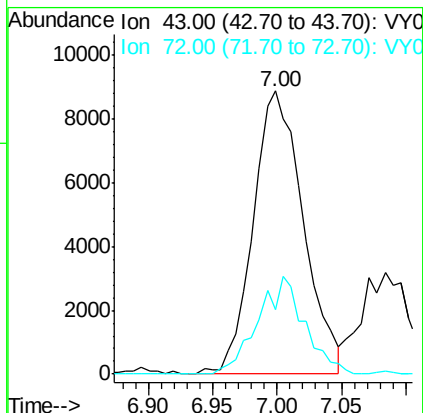
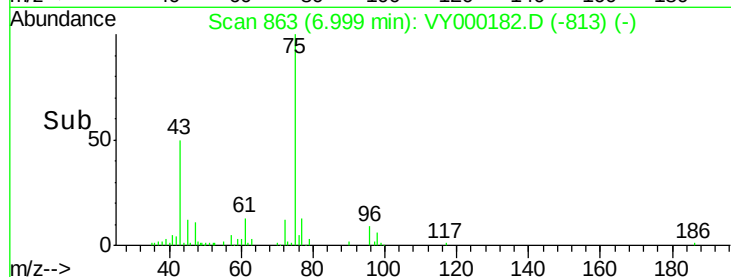
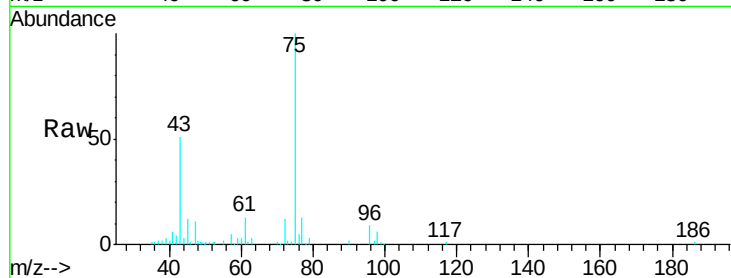
VSTDIC001

Tgt Ion: 43 Resp: 23935

Ion Ratio Lower Upper

43 100

72 22.8 24.0 36.0#



#26

2,2-Dichloropropane

Concen: 1.477 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY000182.D

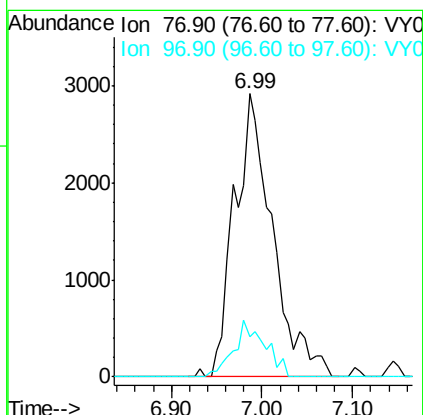
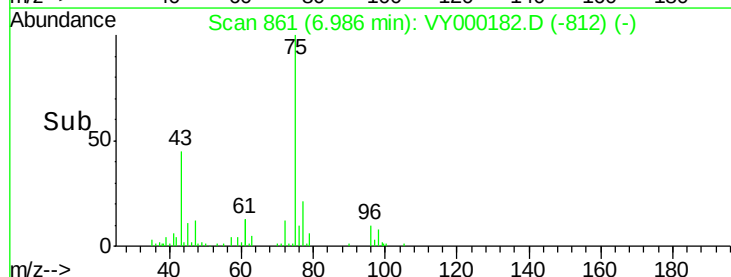
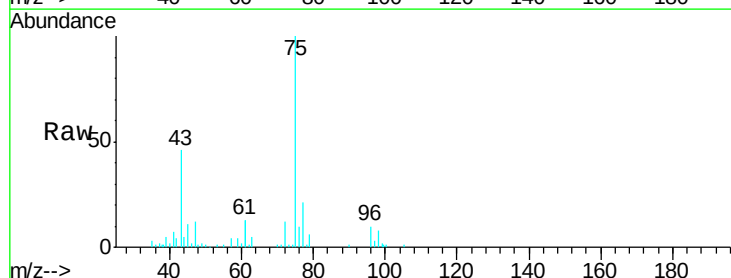
Acq: 03 Oct 2019 12:36

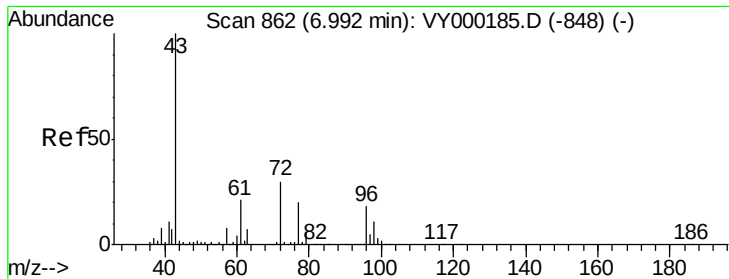
Tgt Ion: 77 Resp: 8499

Ion Ratio Lower Upper

77 100

97 16.2 12.3 36.9



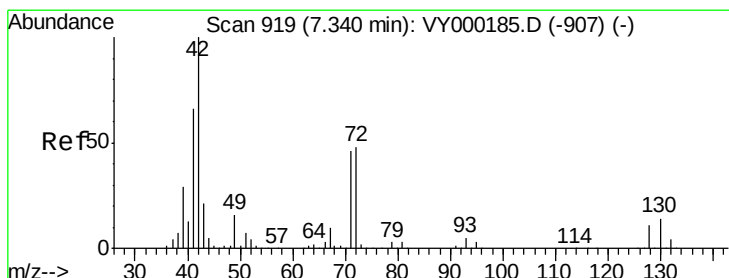
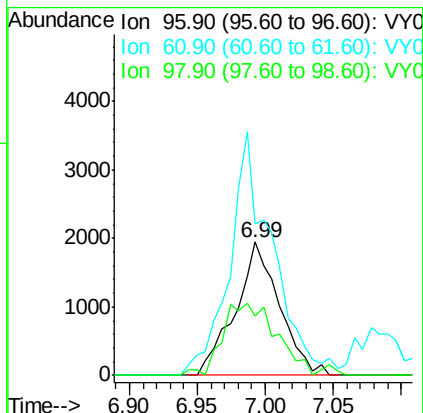
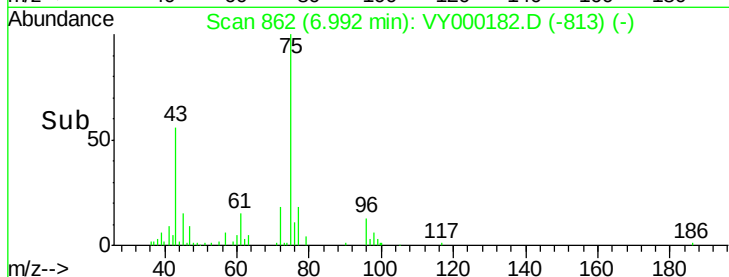
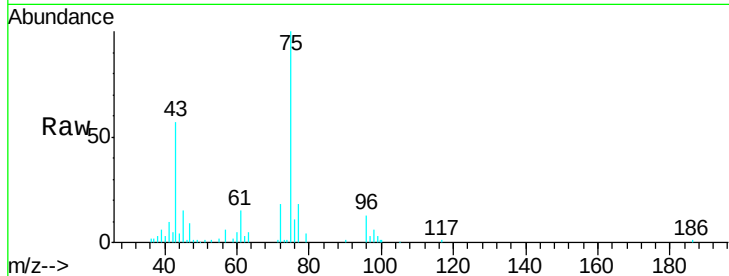


#27

cis-1,2-Dichloroethene
Concen: 1.038 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

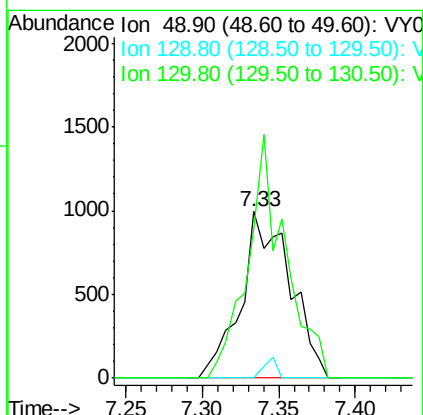
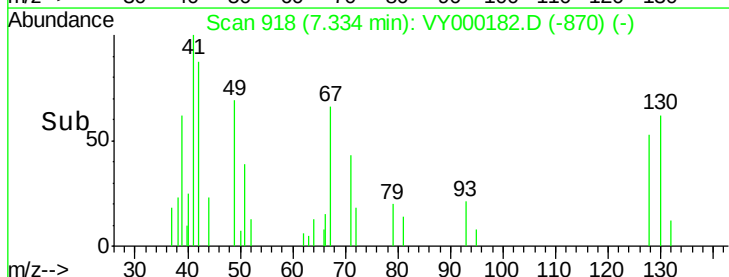
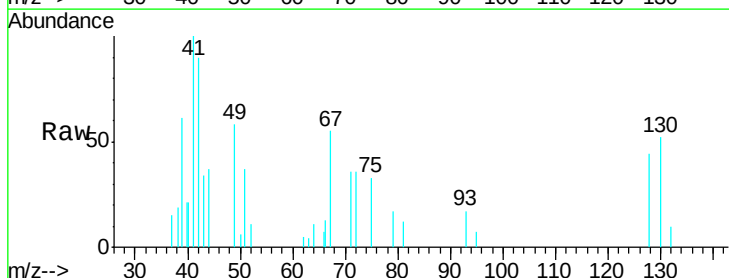
Tgt Ion: 96 Resp: 4407
Ion Ratio Lower Upper
96 100
61 175.9 0.0 251.4
98 65.4 0.0 129.4

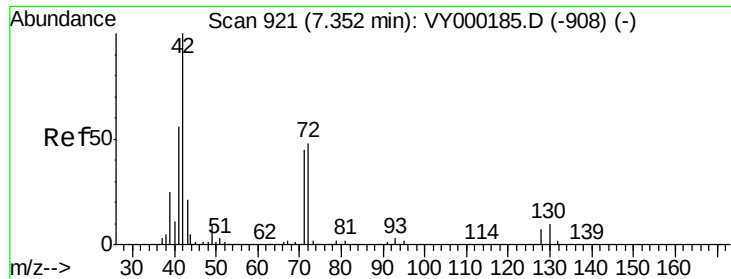


#28

Bromochloromethane
Concen: 0.954 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 49 Resp: 2221
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.4
130 111.6 74.2 111.4#

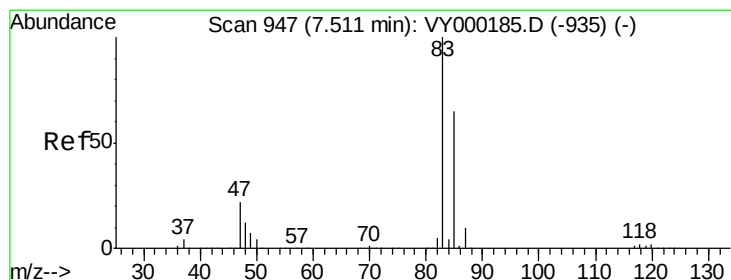
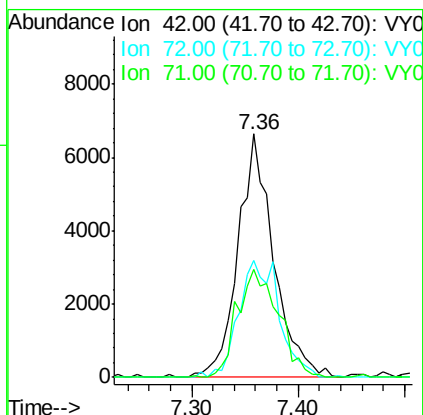
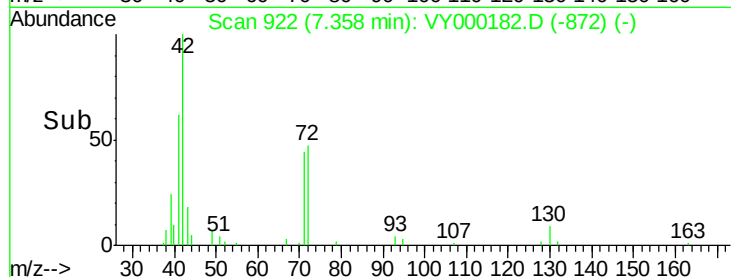
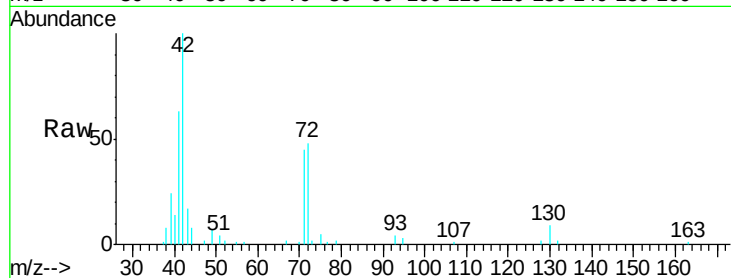




#29
Tetrahydrofuran
Concen: 4.664 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

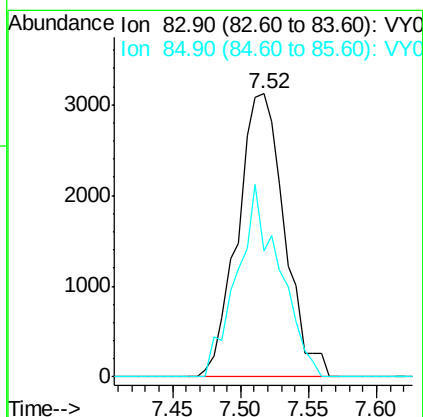
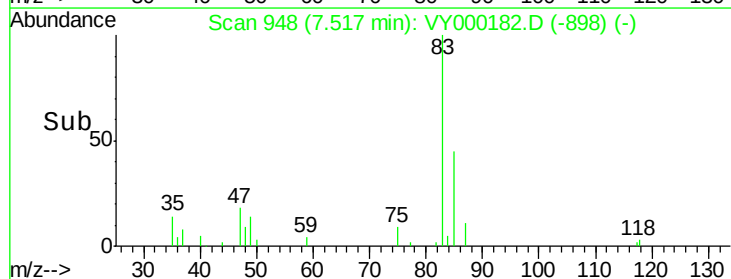
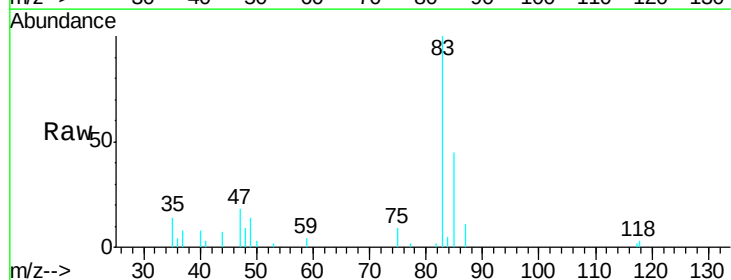
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

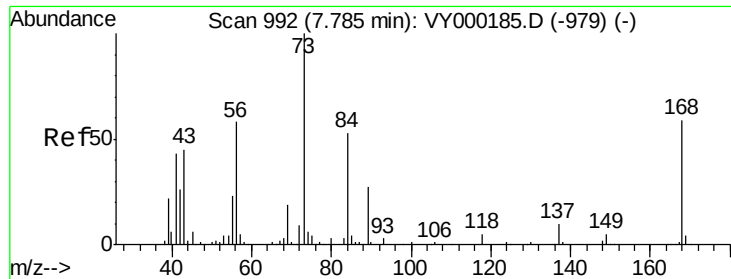
Tgt Ion: 42 Resp: 15576
Ion Ratio Lower Upper
42 100
72 54.5 39.3 58.9
71 51.3 36.7 55.1



#30
Chloroform
Concen: 1.109 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 83 Resp: 7515
Ion Ratio Lower Upper
83 100
85 44.7 51.8 77.6#

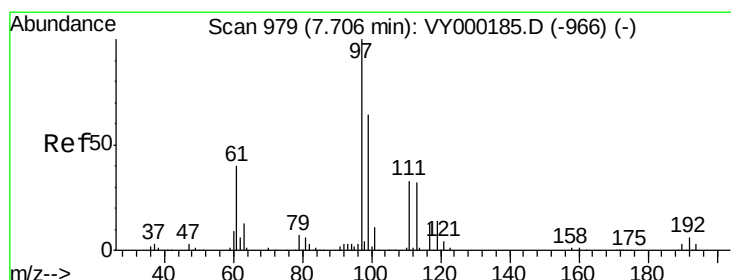
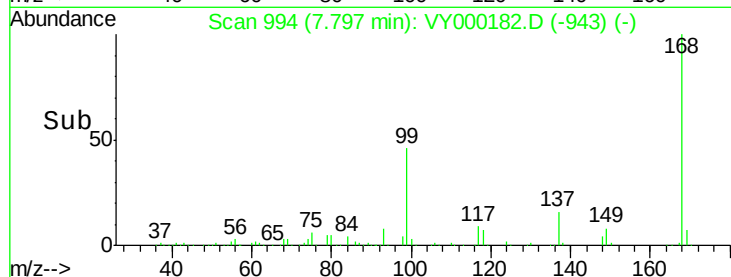
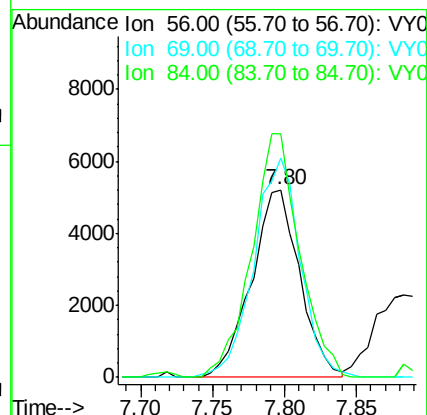
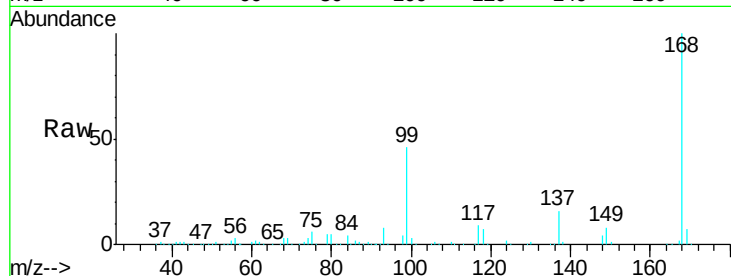




#31
Cyclohexane
Concen: 2.805 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

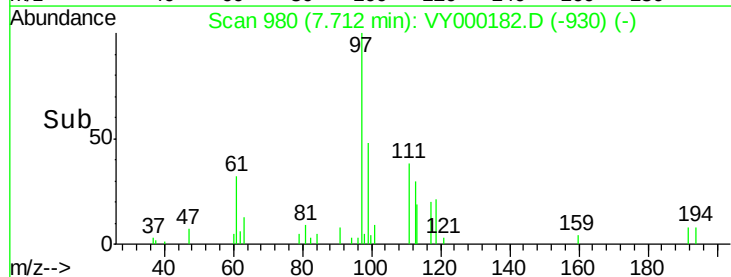
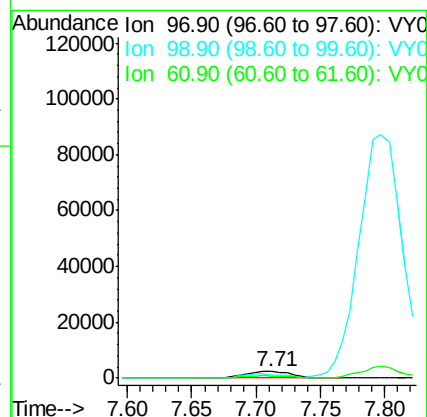
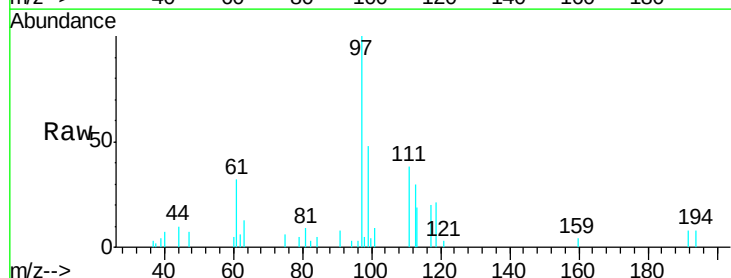
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

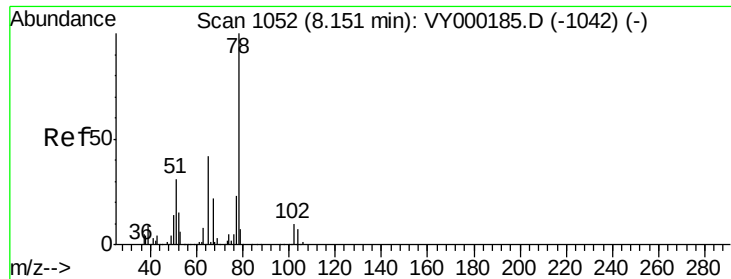
Tgt Ion: 56 Resp: 12163
Ion Ratio Lower Upper
56 100
69 117.1 26.1 39.1#
84 129.6 73.8 110.6#



#32
1,1,1-Trichloroethane
Concen: 1.075 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 97 Resp: 6217
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 33.6 31.2 46.8





#33

1,2-Dichloroethane-d4

Concen: 0.915 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

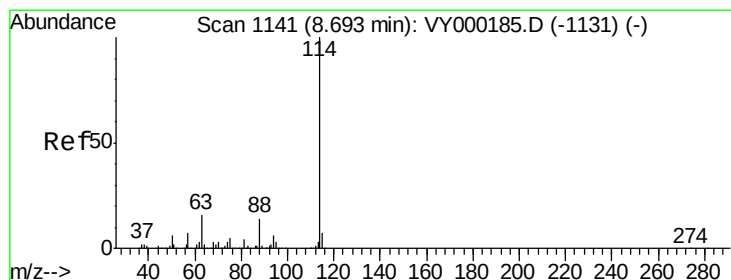
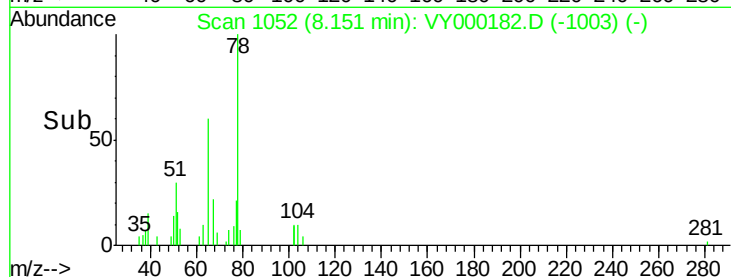
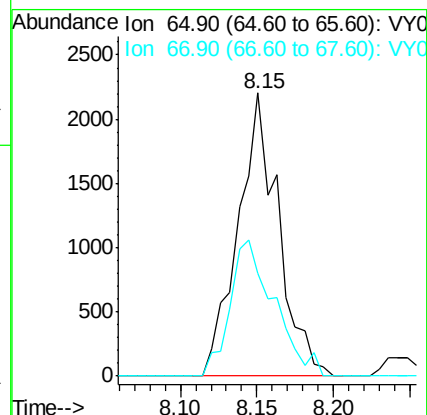
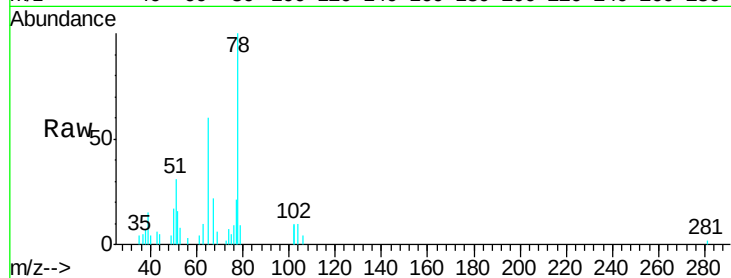
VSTDIC001

Tgt Ion: 65 Resp: 4031

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

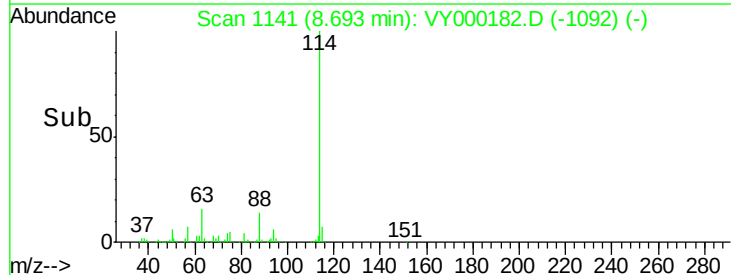
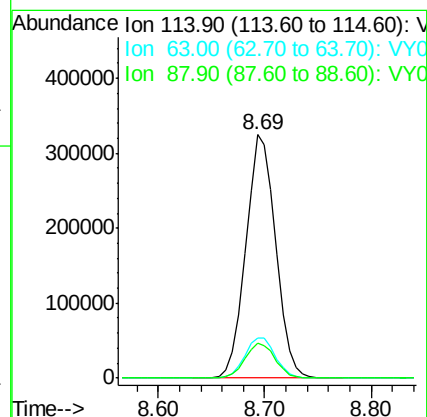
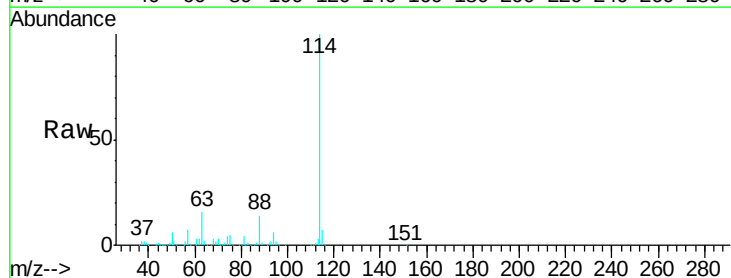
Tgt Ion: 114 Resp: 637893

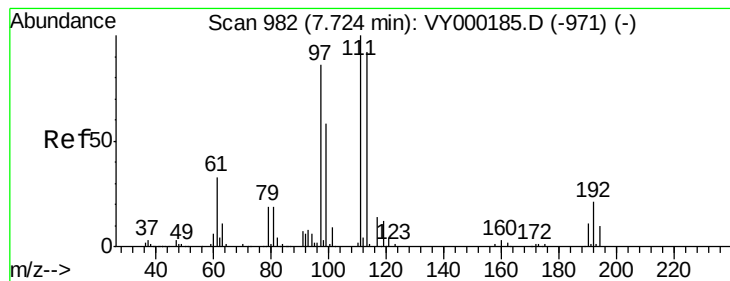
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.0

88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 0.902 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

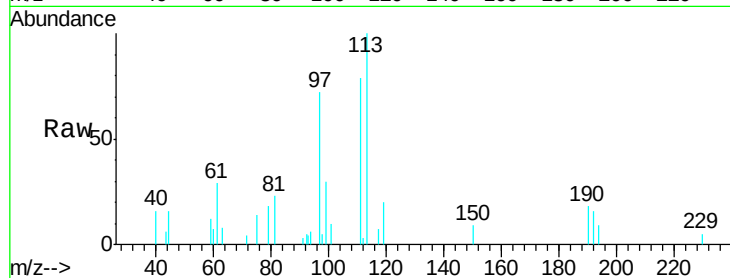
Tgt Ion: 113 Resp: 3570

Ion Ratio Lower Upper

113 100

111 94.9 83.6 125.4

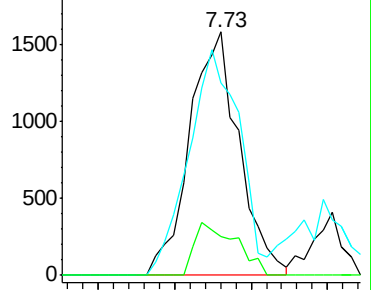
192 18.0 18.4 27.6#



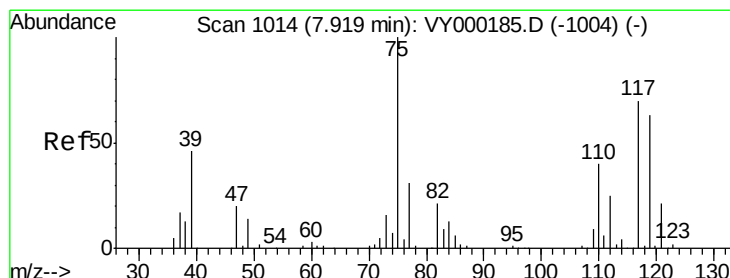
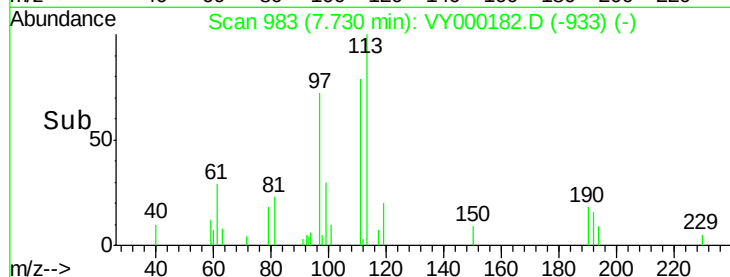
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 1.317 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

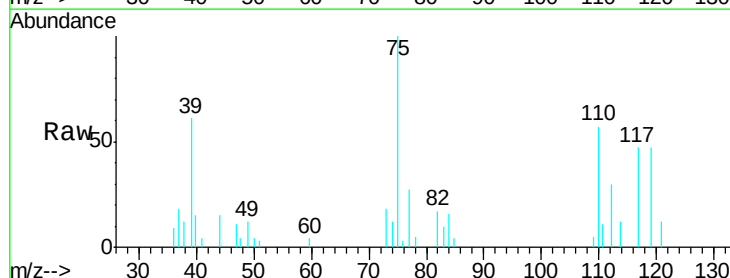
Tgt Ion: 75 Resp: 5501

Ion Ratio Lower Upper

75 100

110 40.8 20.4 61.2

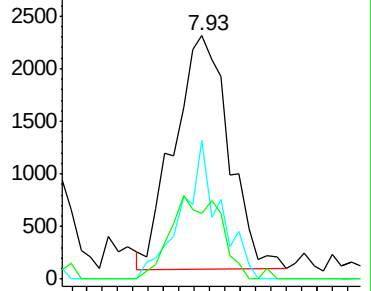
77 32.7 24.8 37.2



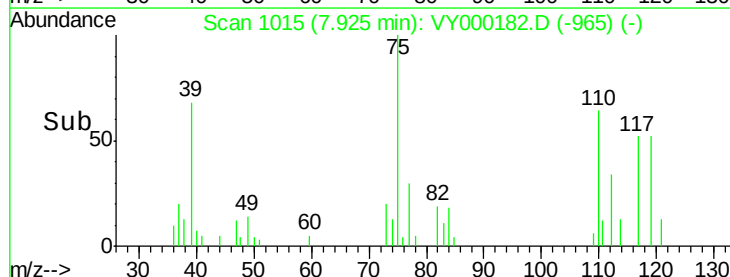
Abundance Ion 74.90 (74.60 to 75.60): VY0

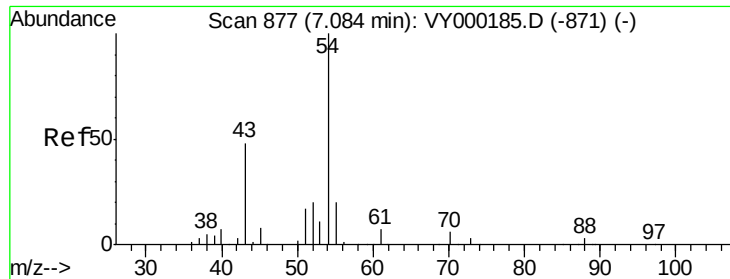
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0



Time-->

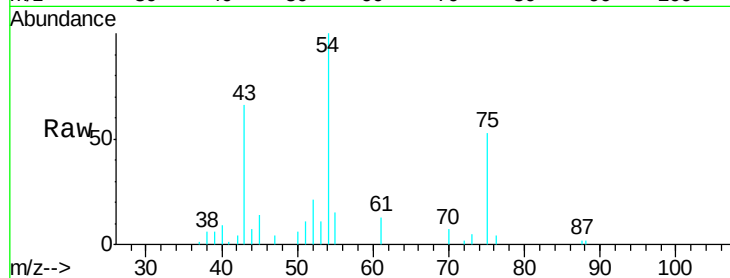




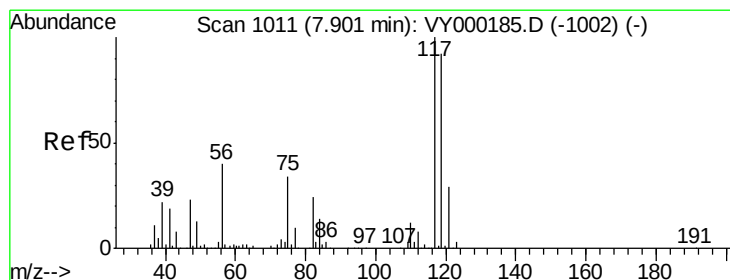
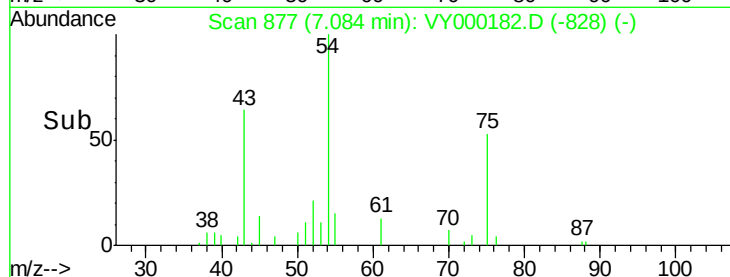
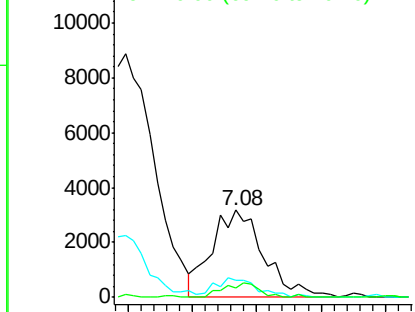
#37
 Ethyl Acetate
 Concen: 1.150 ug/l
 RT: 7.08 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 8980
 Ion Ratio Lower Upper
 43 100
 61 18.0 11.8 17.6#
 70 11.0 9.4 14.2

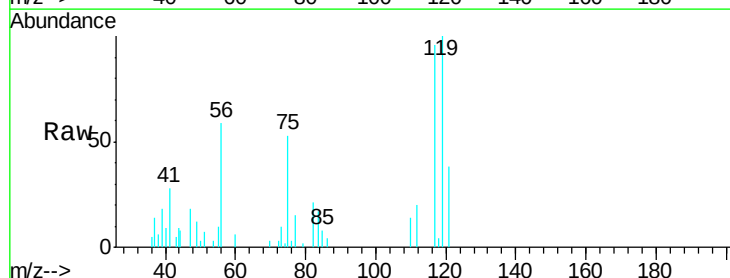


Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 70.00 (69.70 to 70.70): VY0

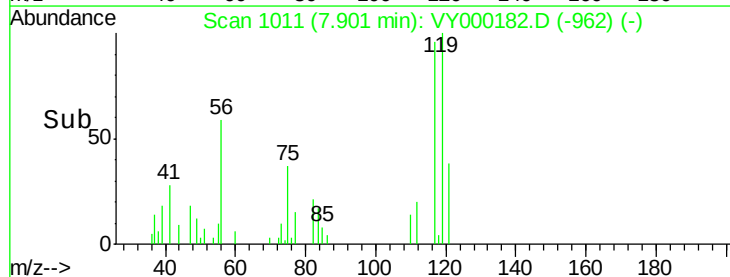
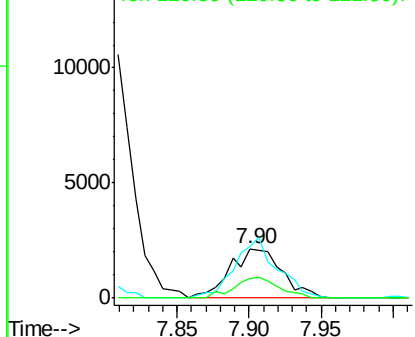


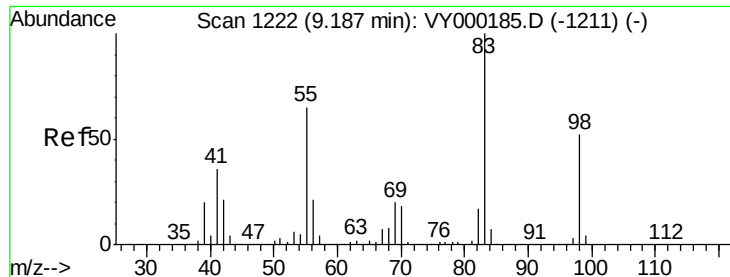
#38
 Carbon Tetrachloride
 Concen: 1.048 ug/l
 RT: 7.90 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 117 Resp: 5366
 Ion Ratio Lower Upper
 117 100
 119 104.4 73.4 110.2
 121 39.8 23.2 34.8#



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

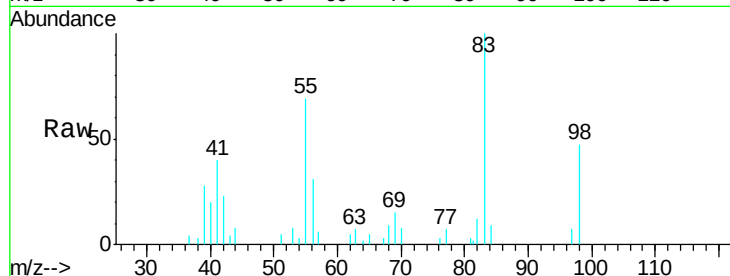




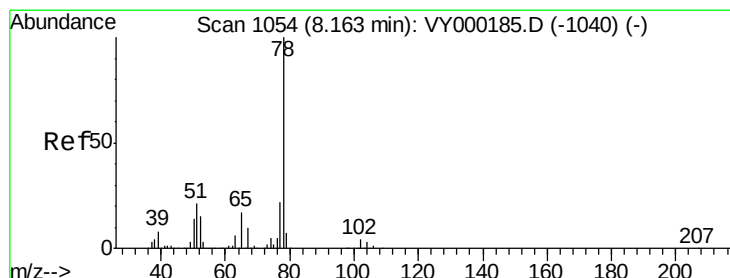
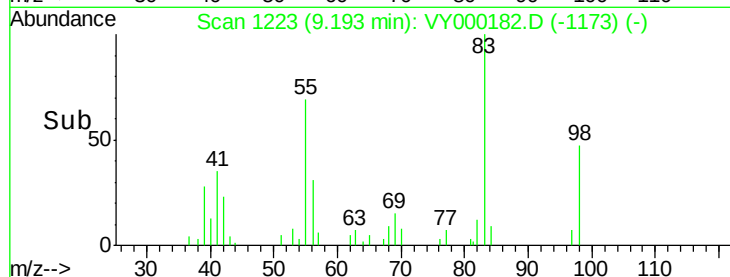
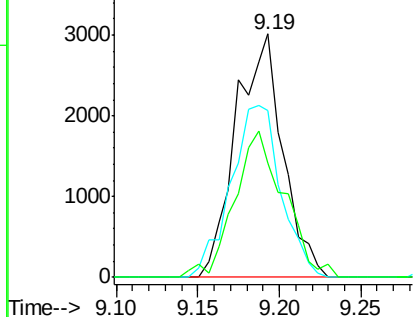
#39
Methylcyclohexane
Concen: 1.223 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 6030
Ion Ratio Lower Upper
83 100
55 68.6 52.4 78.6
98 47.2 41.7 62.5

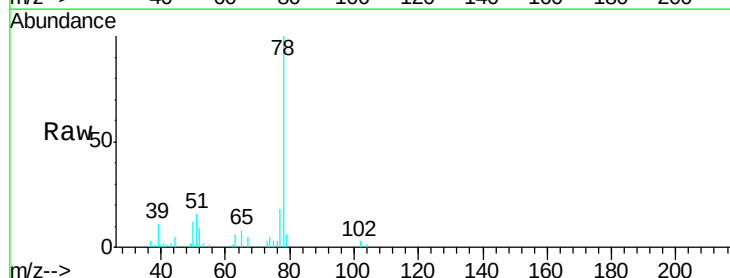


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

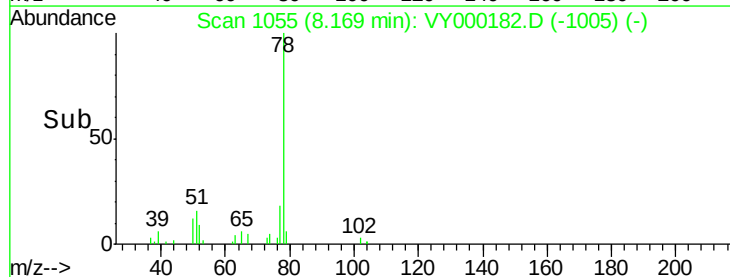
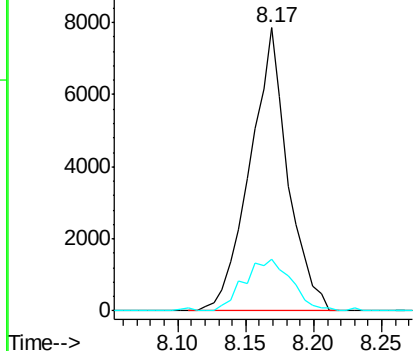


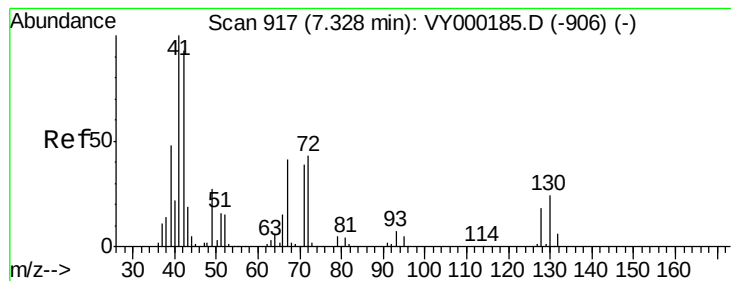
#40
Benzene
Concen: 1.102 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 78 Resp: 15263
Ion Ratio Lower Upper
78 100
77 18.4 17.5 26.3



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





#41

Methacrylonitrile

Concen: 3.627 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.03 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 13429

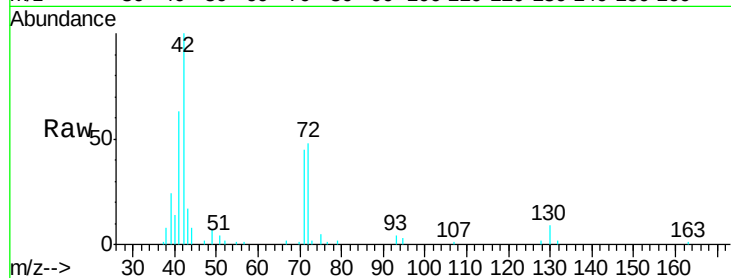
Ion Ratio Lower Upper

41 100

39 48.1 125.4 188.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



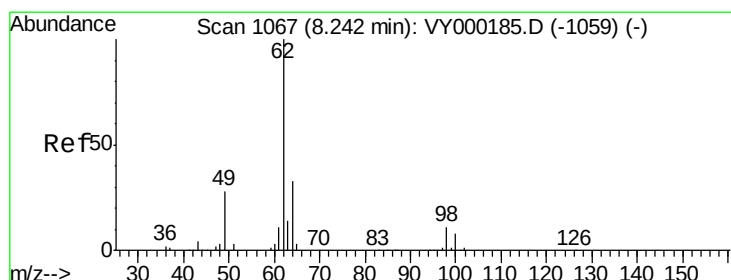
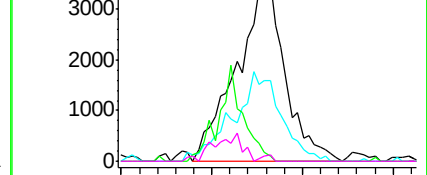
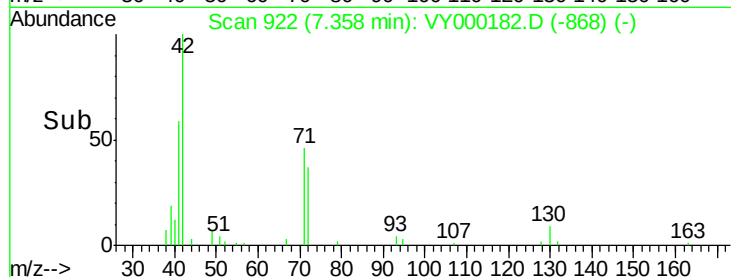
Abundance Ion 41.00 (40.70 to 41.70): VY000185.D (-906) (-)

Ion 39.00 (38.70 to 39.70): VY000185.D (-906) (-)

Ion 67.00 (66.70 to 67.70): VY000185.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VY000185.D (-906) (-)

Time-->



#42

1,2-Dichloroethane

Concen: 0.965 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY000182.D

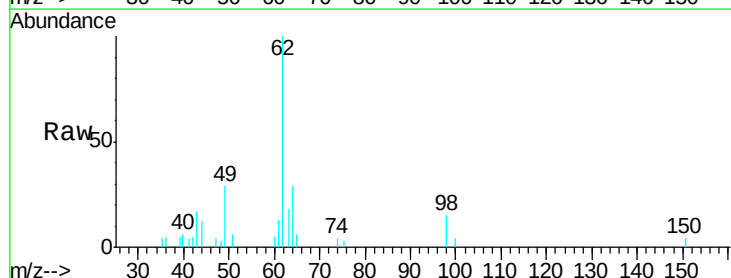
Acq: 03 Oct 2019 12:36

Tgt Ion: 62 Resp: 4649

Ion Ratio Lower Upper

62 100

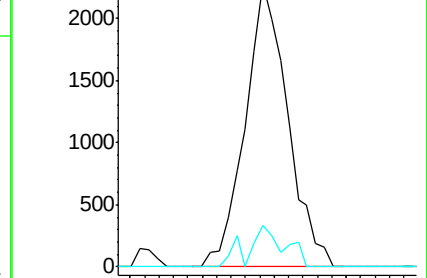
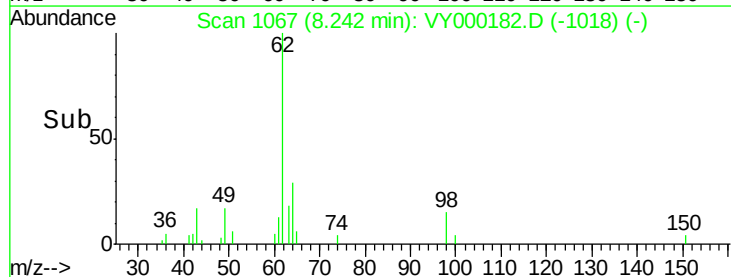
98 10.1 0.0 21.8

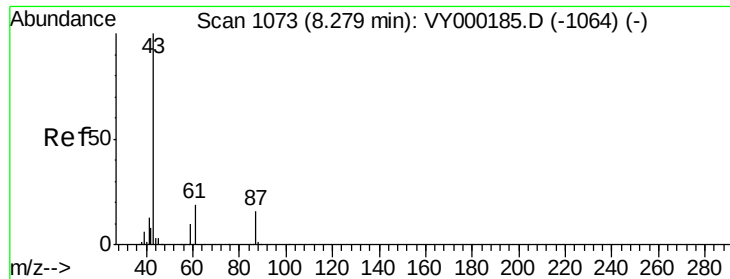


Abundance Ion 61.90 (61.60 to 62.60): VY000185.D (-1059) (-)

Ion 97.90 (97.60 to 98.60): VY000185.D (-1059) (-)

Time-->





#43

Isopropyl Acetate

Concen: 0.986 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

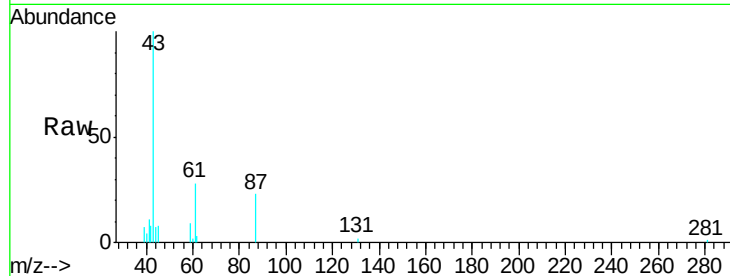
Tgt Ion: 43 Resp: 10381

Ion Ratio Lower Upper

43 100

61 28.0 21.4 32.2

87 18.8 12.6 19.0

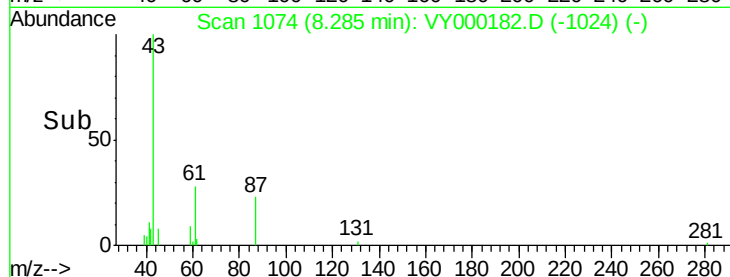


Abundance Ion 43.00 (42.70 to 43.70): VY000185.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY000185.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY000185.D (-1064) (-)

Time-->



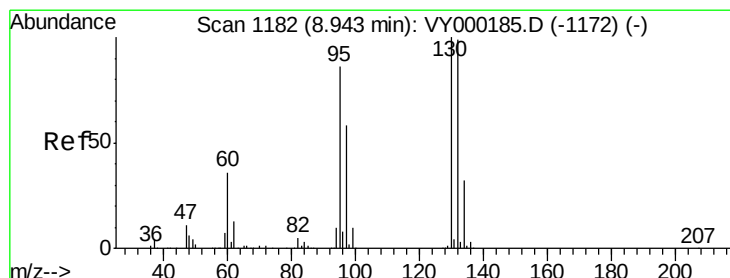
Abundance

Ion 43.00 (42.70 to 43.70): VY000182.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY000182.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY000182.D (-1024) (-)

Time-->



#44

Trichloroethene

Concen: 1.075 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000182.D

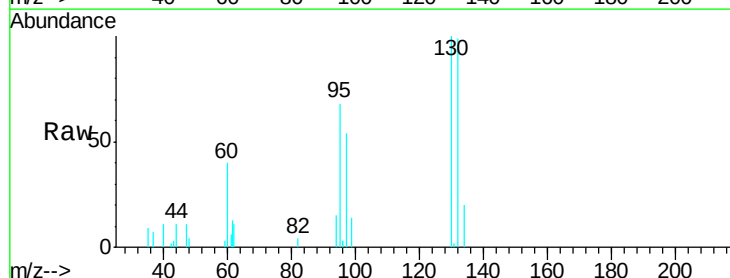
Acq: 03 Oct 2019 12:36

Tgt Ion: 130 Resp: 4650

Ion Ratio Lower Upper

130 100

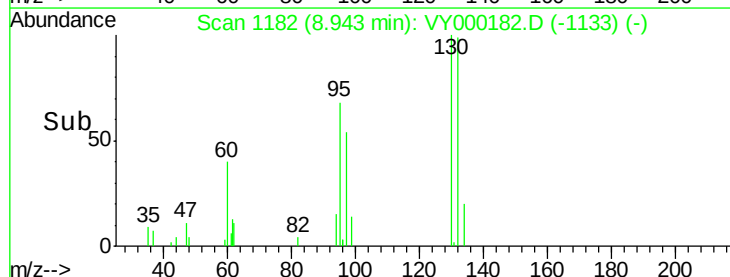
95 67.6 0.0 171.6



Abundance Ion 129.80 (129.50 to 130.50): VY000185.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY000185.D (-1172) (-)

Time-->

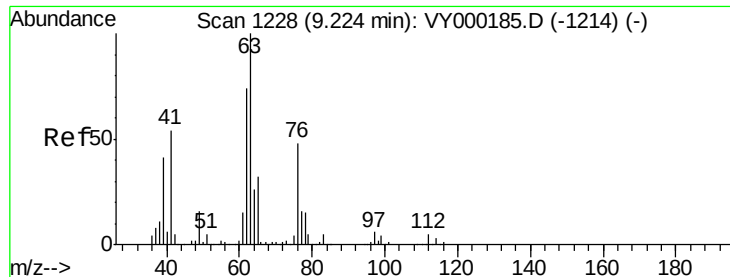


Abundance

Ion 129.80 (129.50 to 130.50): VY000182.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000182.D (-1133) (-)

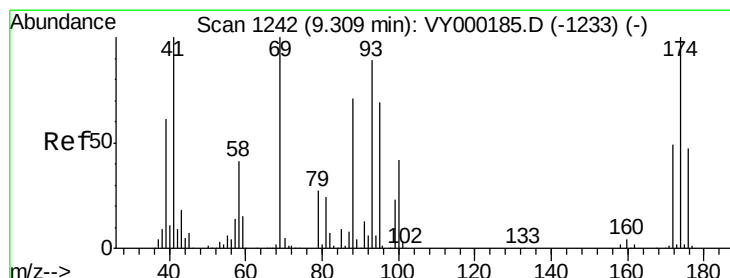
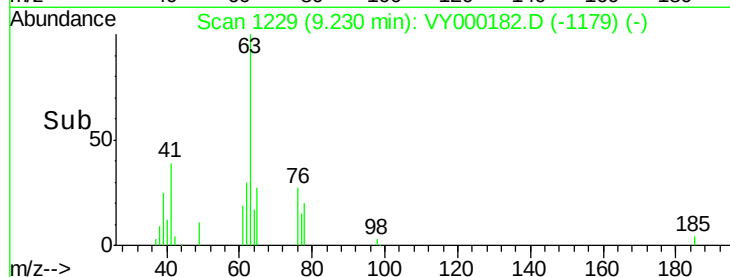
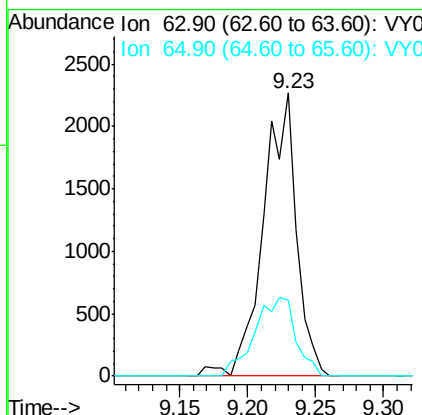
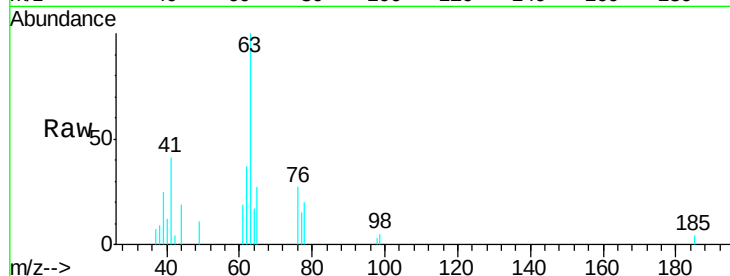
Time-->



#45
 1,2-Dichloropropane
 Concen: 1.098 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

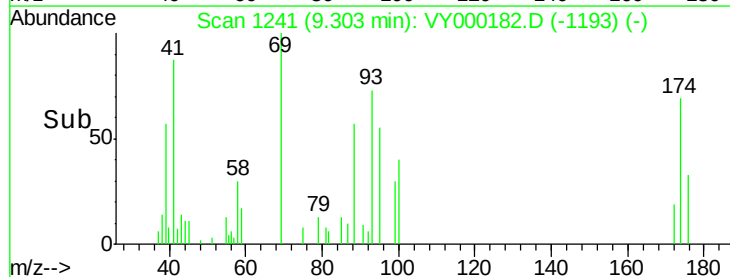
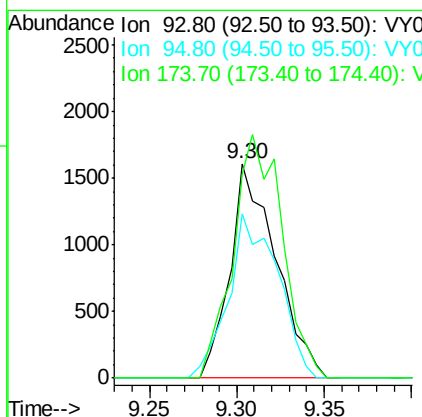
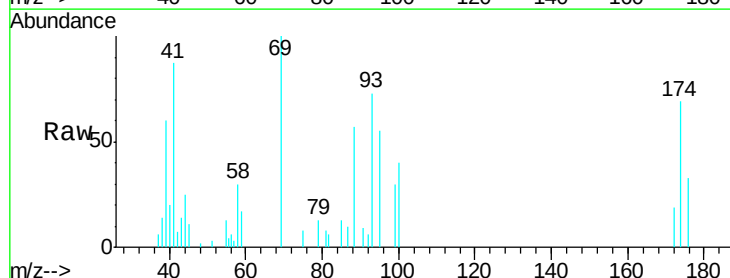
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

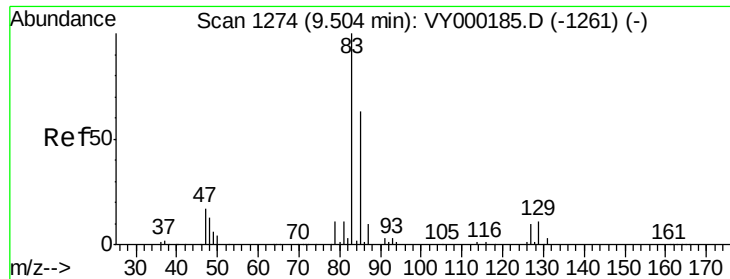
Tgt Ion: 63 Resp: 3901
 Ion Ratio Lower Upper
 63 100
 65 27.1 25.7 38.5



#46
 Dibromomethane
 Concen: 1.111 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 93 Resp: 2939
 Ion Ratio Lower Upper
 93 100
 95 82.2 64.4 96.6
 174 121.5 95.1 142.7





#47

Bromodichloromethane

Concen: 0.910 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

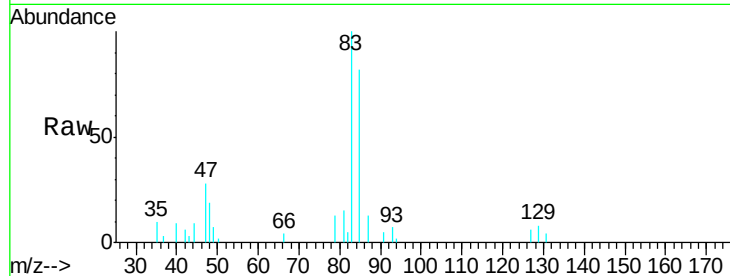
Tgt Ion: 83 Resp: 4917

Ion Ratio Lower Upper

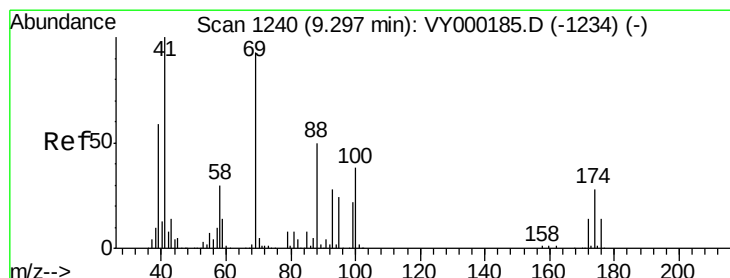
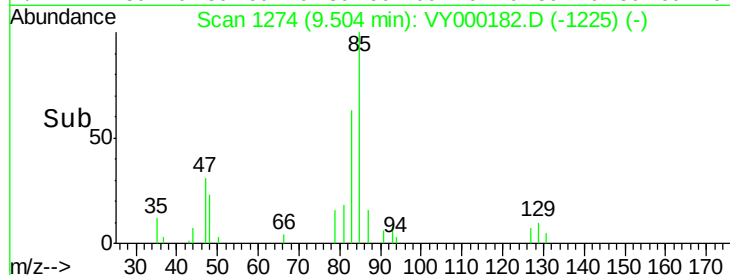
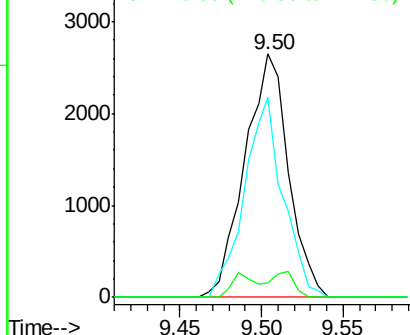
83 100

85 82.1 50.6 76.0#

127 6.0 7.7 11.5#



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: 0.941 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

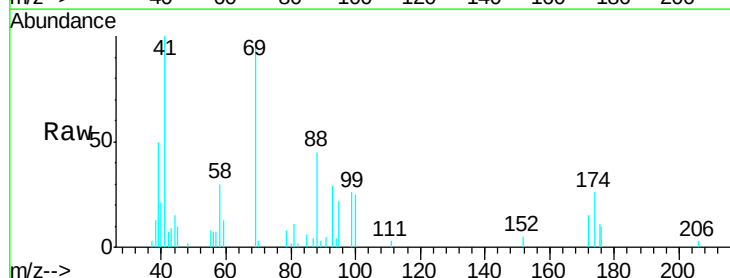
Tgt Ion: 41 Resp: 4413

Ion Ratio Lower Upper

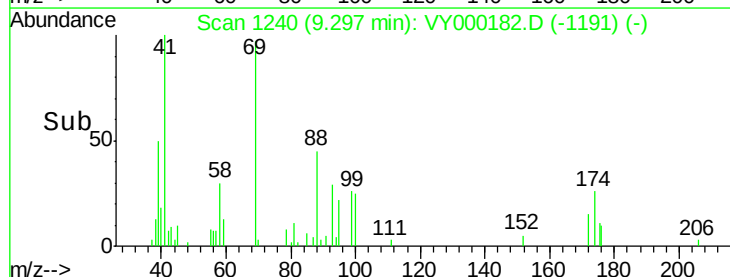
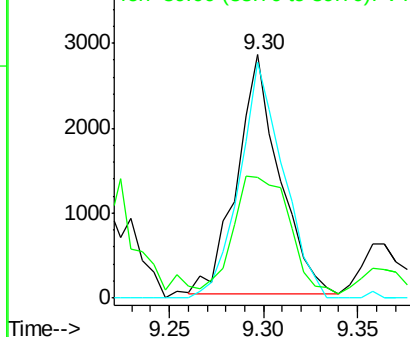
41 100

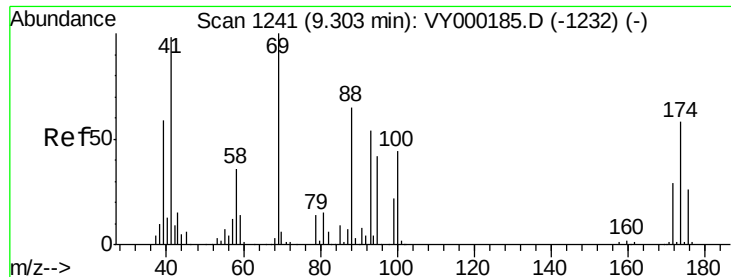
69 101.1 76.5 114.7

39 69.2 49.2 73.8



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

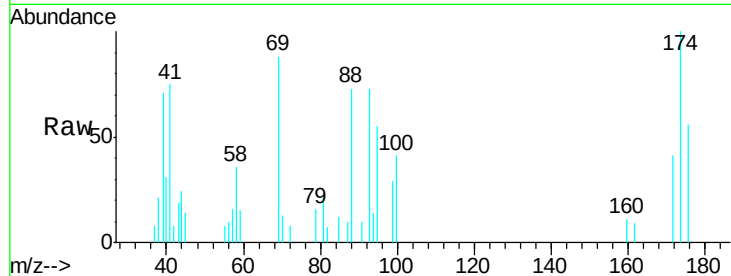




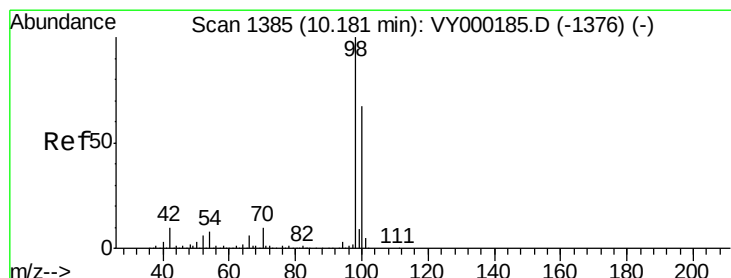
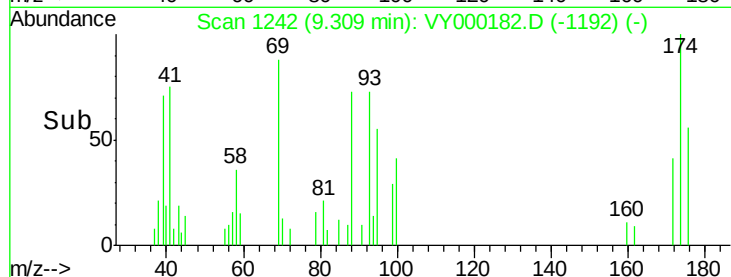
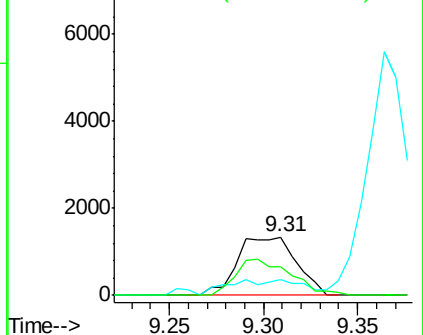
#49
1,4-Dioxane
Concen: 19.916 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 2913
Ion Ratio Lower Upper
88 100
43 16.7 20.4 30.6#
58 58.8 49.0 73.4

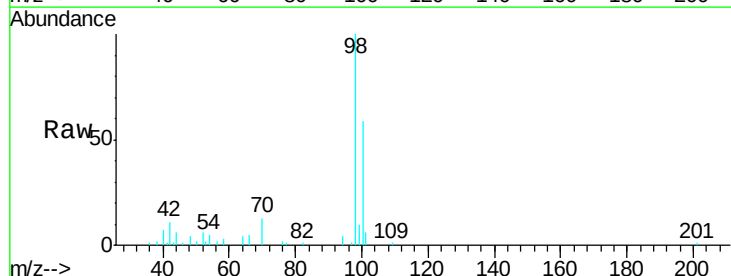


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

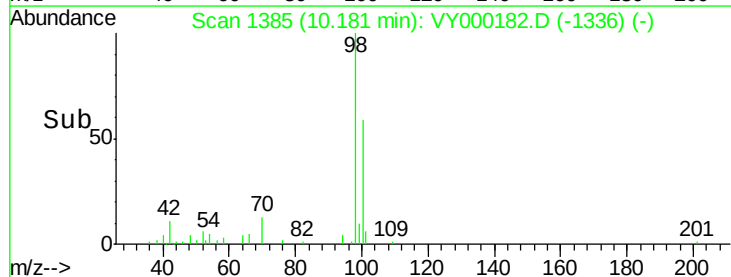
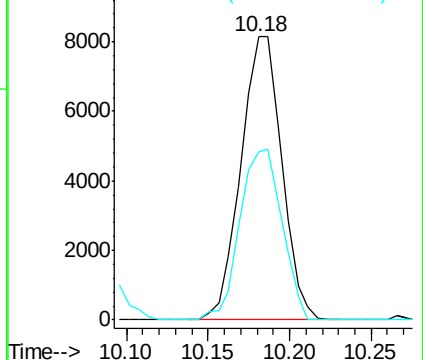


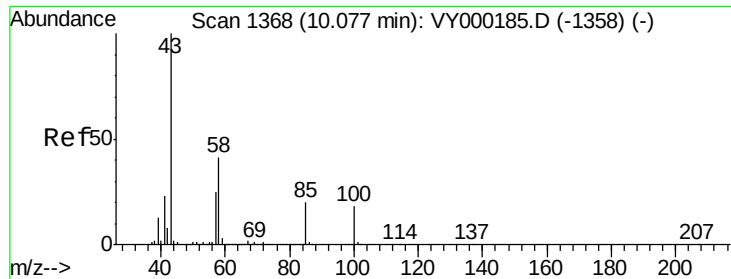
#50
Toluene-d8
Concen: 0.945 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 98 Resp: 14258
Ion Ratio Lower Upper
98 100
100 61.8 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

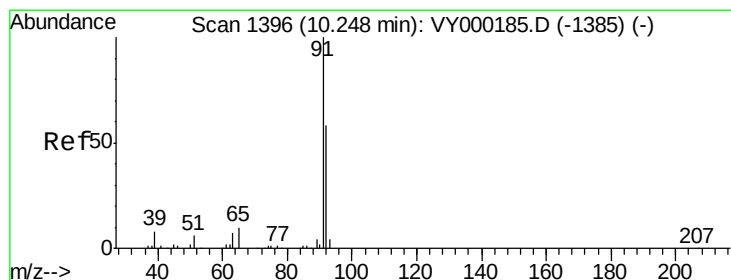
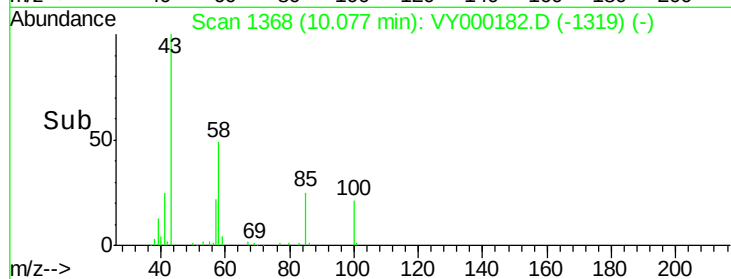
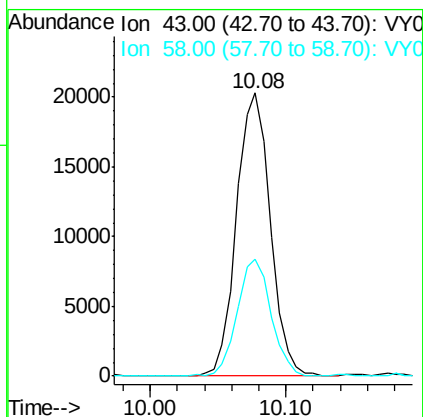
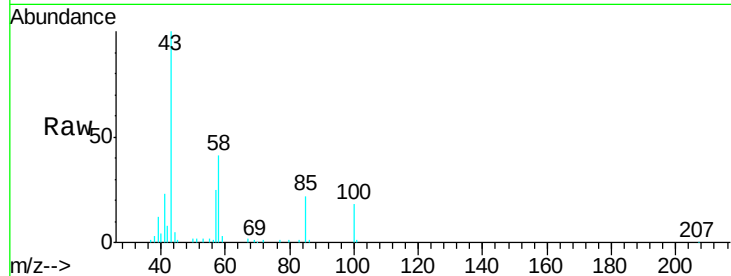




#51
 4-Methyl-2-Pentanone
 Concen: 4.243 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

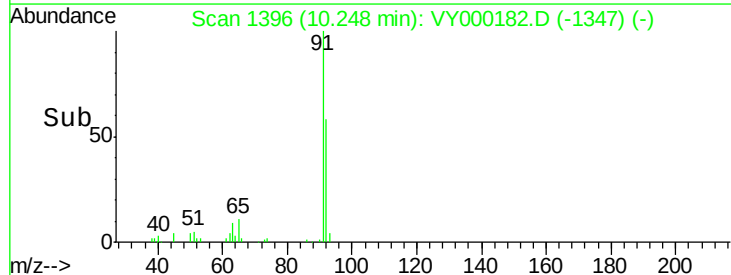
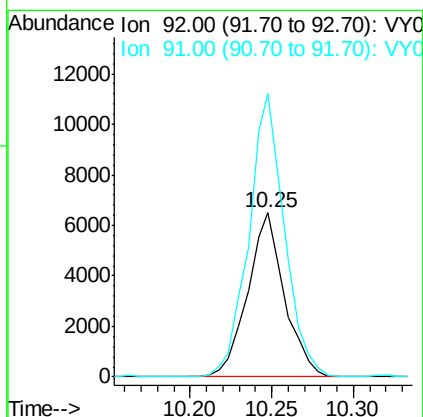
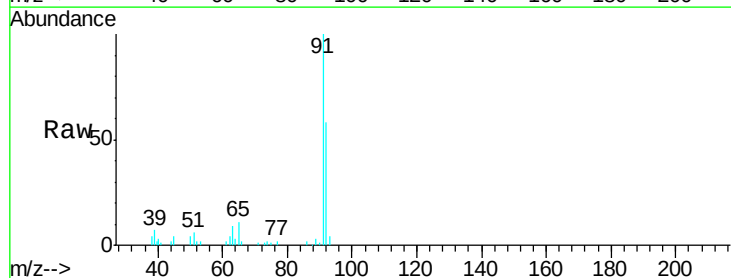
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

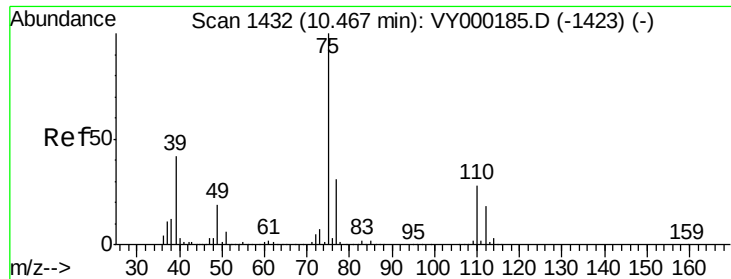
Tgt Ion: 43 Resp: 35233
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.6 49.0



#52
 Toluene
 Concen: 1.107 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 92 Resp: 10145
 Ion Ratio Lower Upper
 92 100
 91 167.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 0.968 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

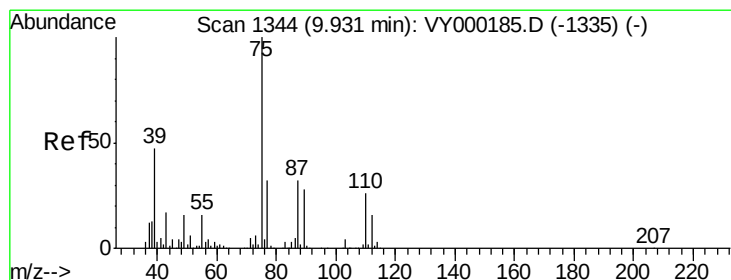
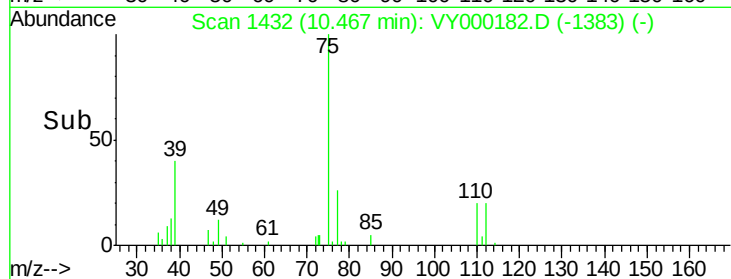
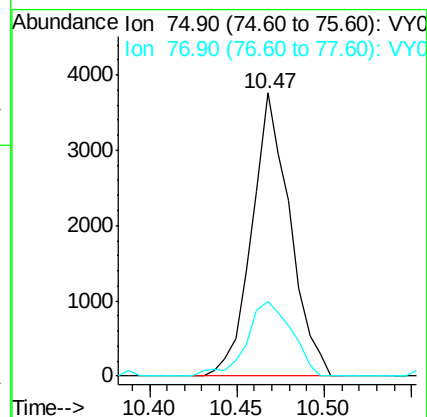
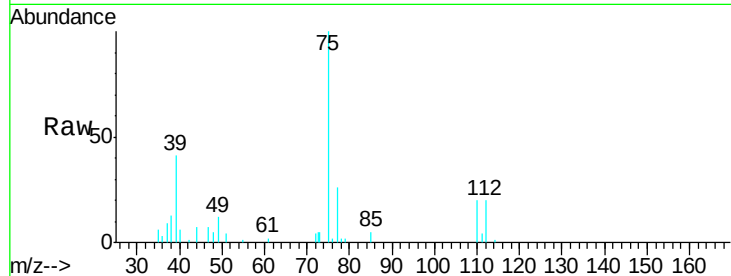
VSTDIC001

Tgt Ion: 75 Resp: 5741

Ion Ratio Lower Upper

75 100

77 26.4 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 1.053 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

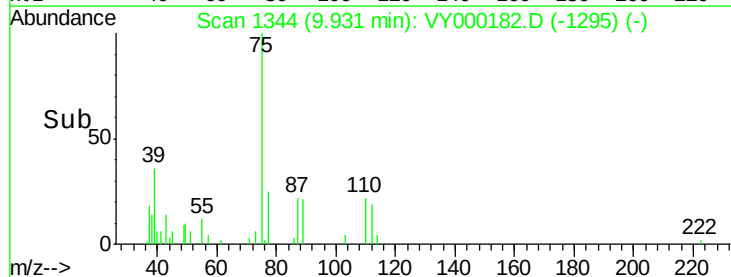
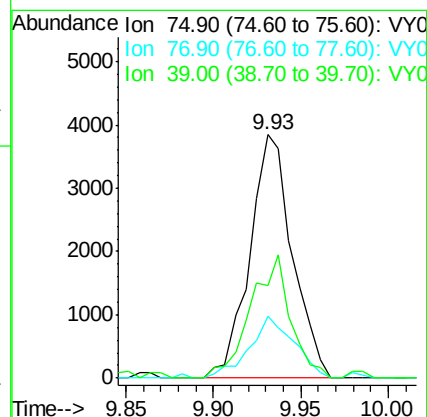
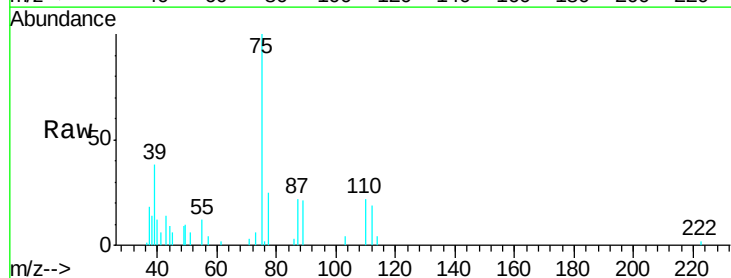
Tgt Ion: 75 Resp: 6517

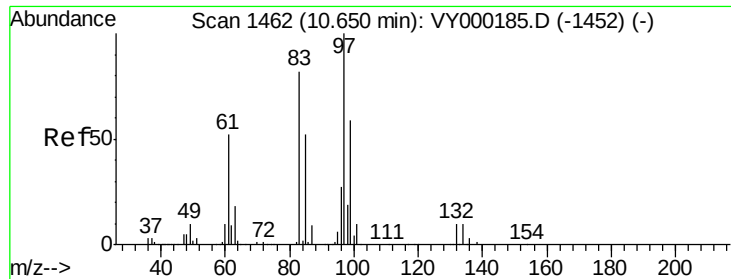
Ion Ratio Lower Upper

75 100

77 25.2 26.0 39.0#

39 38.2 37.2 55.8

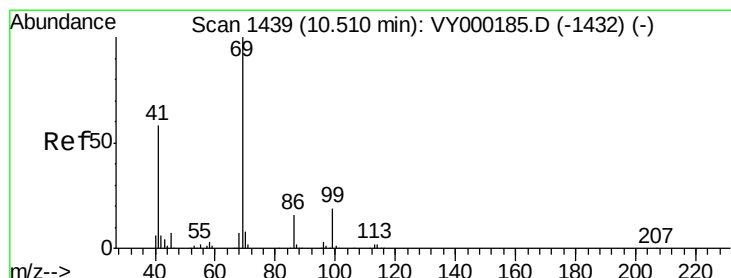
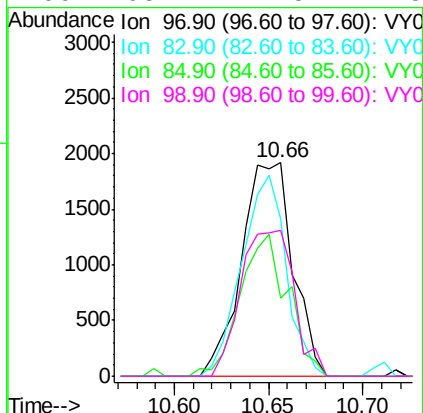
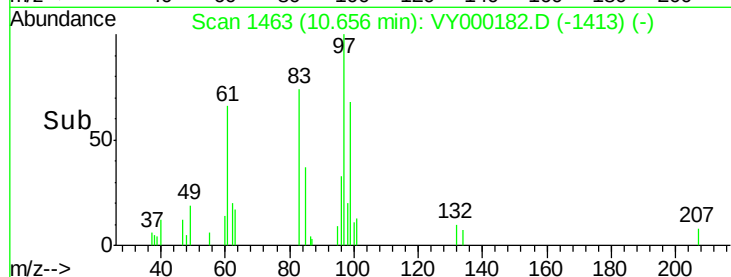
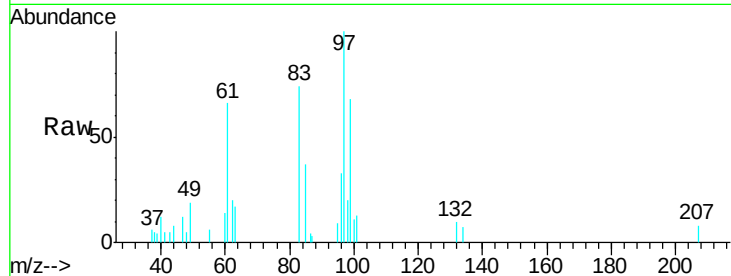




#55
 1,1,2-Trichloroethane
 Concen: 0.862 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

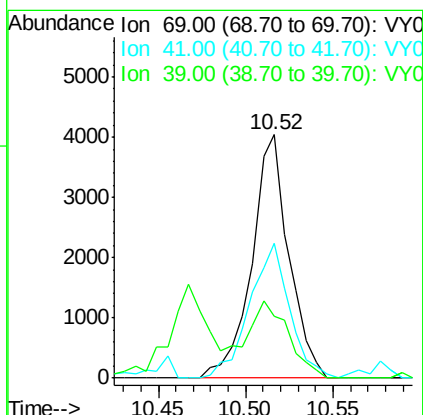
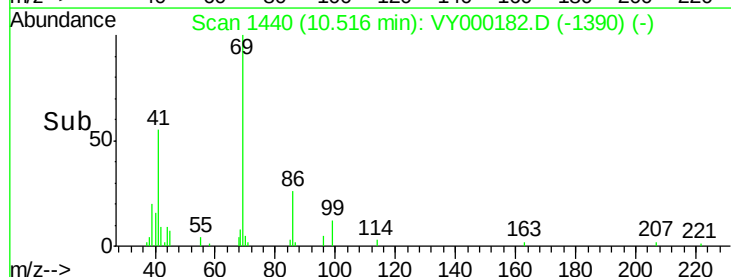
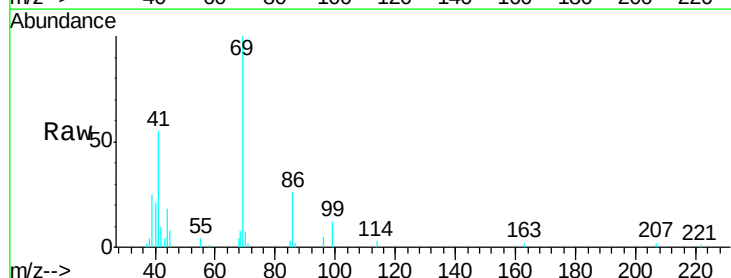
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

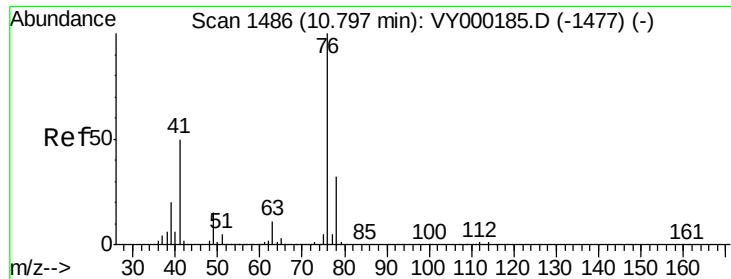
Tgt Ion: 97 Resp: 3631
 Ion Ratio Lower Upper
 97 100
 83 73.9 65.4 98.2
 85 36.6 41.4 62.0#
 99 68.2 47.5 71.3



#56
 Ethyl methacrylate
 Concen: 0.912 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 69 Resp: 5966
 Ion Ratio Lower Upper
 69 100
 41 60.1 48.1 72.1
 39 30.4 27.2 40.8

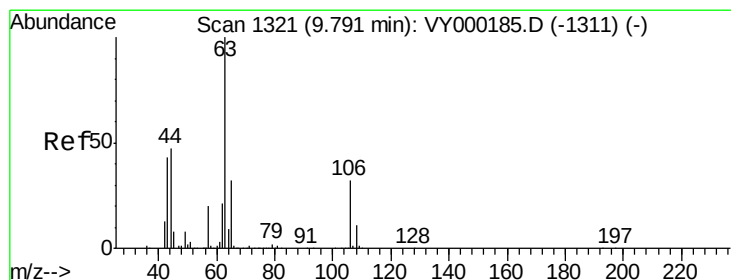
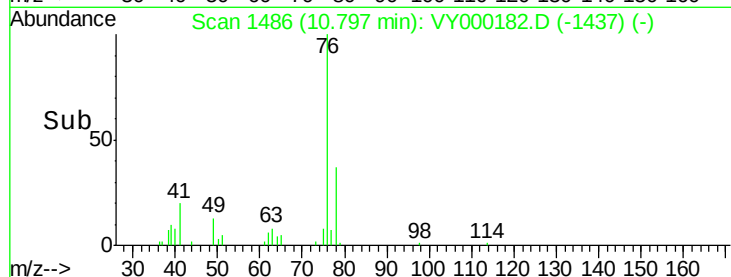
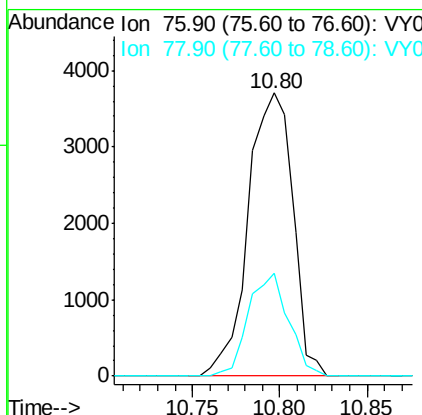
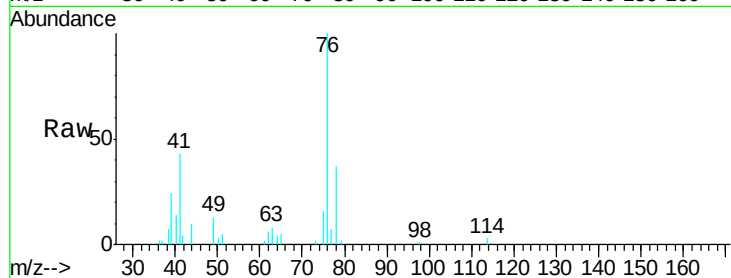




#57
 1,3-Dichloropropane
 Concen: 0.998 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

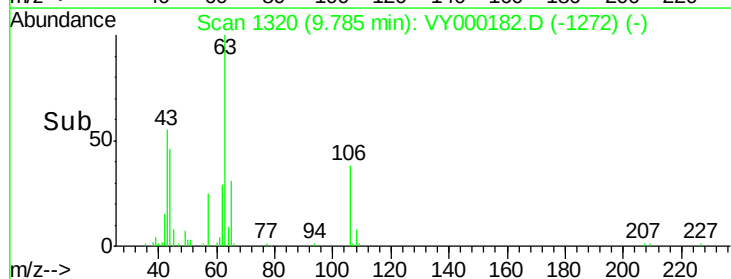
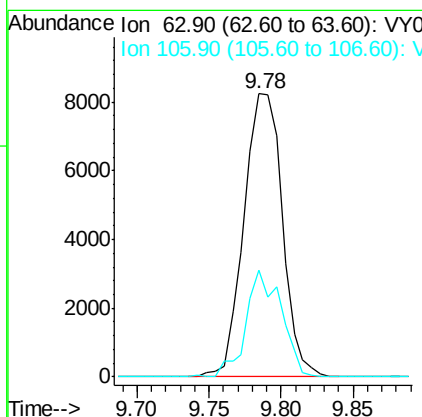
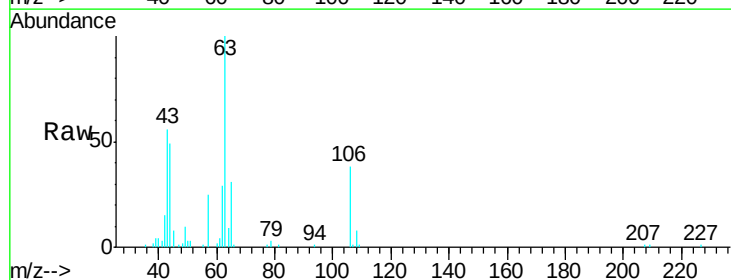
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

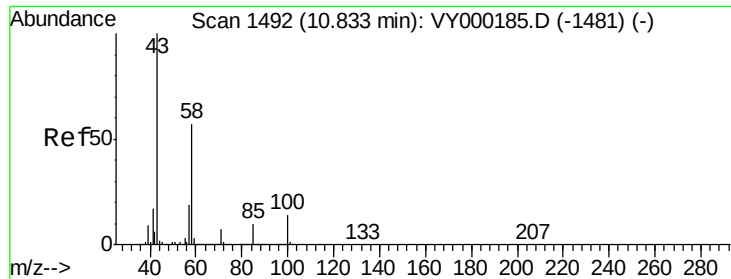
Tgt Ion: 76 Resp: 6548
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.562 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 63 Resp: 15221
 Ion Ratio Lower Upper
 63 100
 106 34.7 25.8 38.6

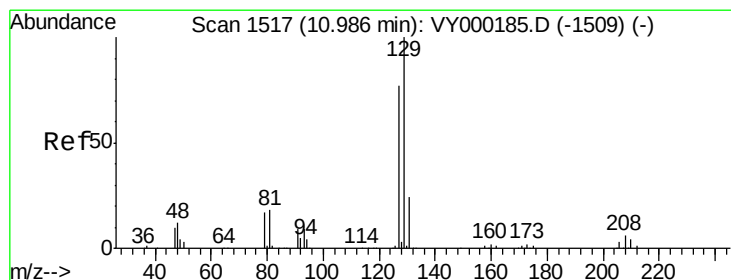
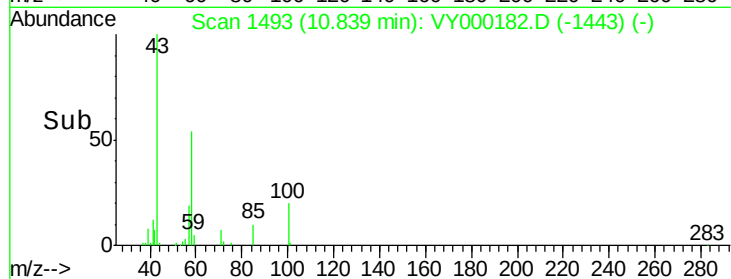
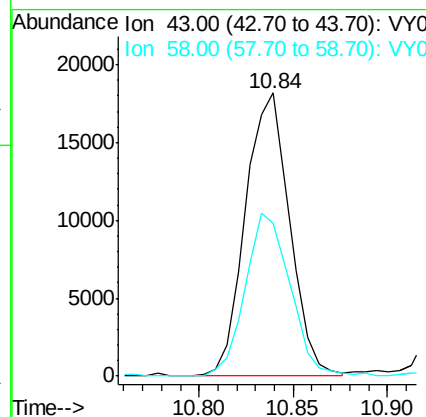
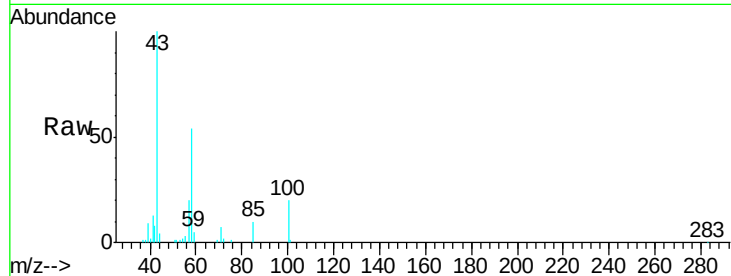




#59
2-Hexanone
Concen: 4.228 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

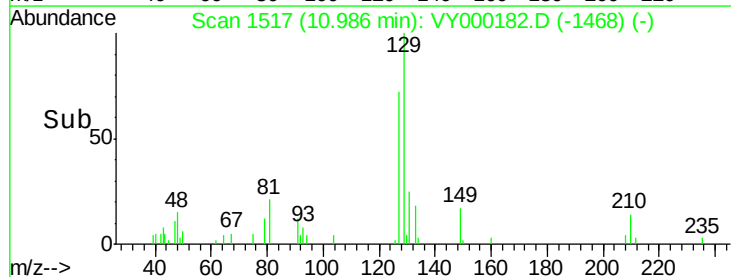
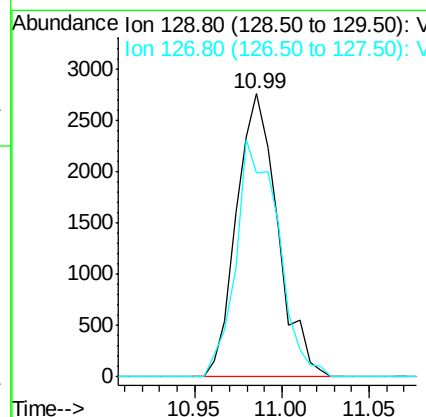
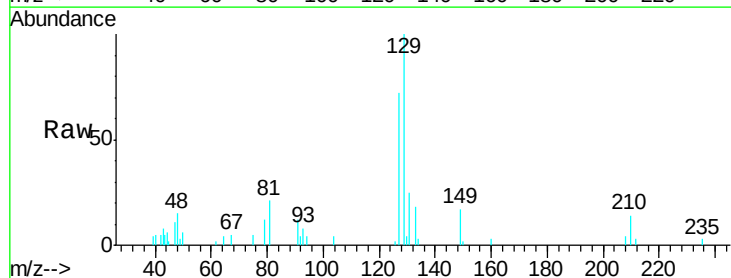
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

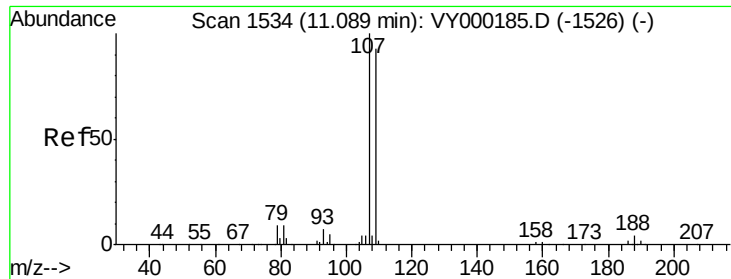
Tgt Ion: 43 Resp: 29575
Ion Ratio Lower Upper
43 100
58 58.7 28.6 85.8



#60
Dibromochloromethane
Concen: 0.935 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 129 Resp: 4532
Ion Ratio Lower Upper
129 100
127 86.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 1.000 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

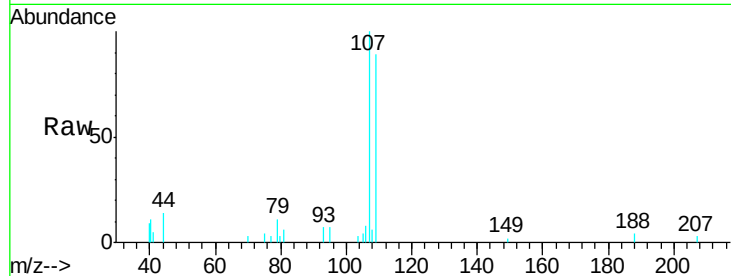
VSTDIC001

Tgt Ion: 107 Resp: 4274

Ion Ratio Lower Upper

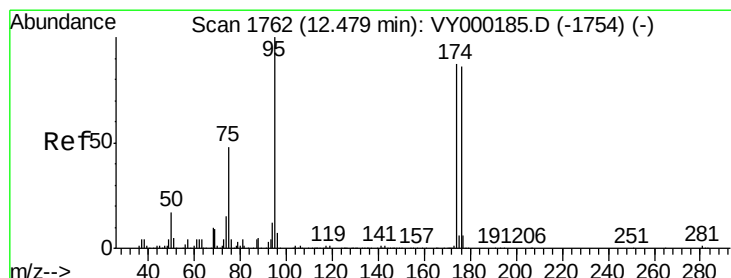
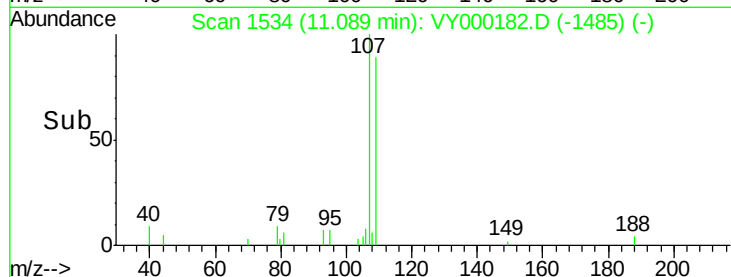
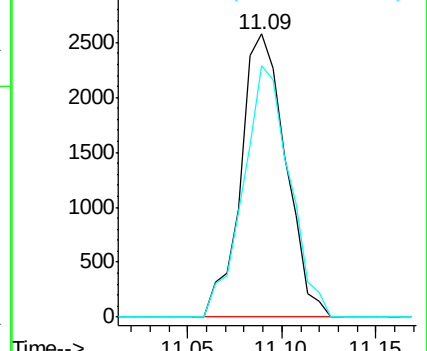
107 100

109 91.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.931 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

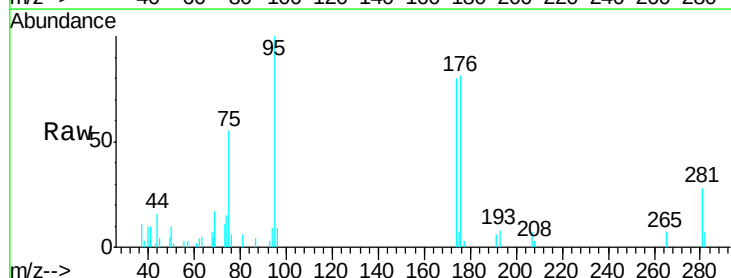
Tgt Ion: 95 Resp: 4902

Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.6

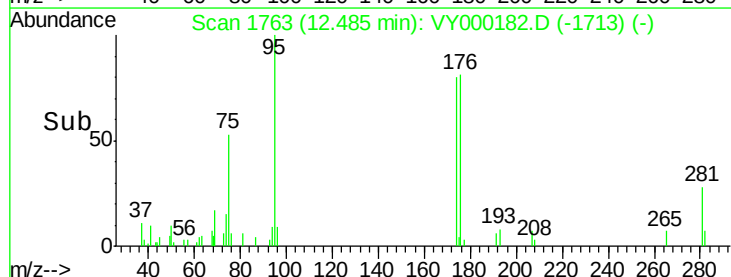
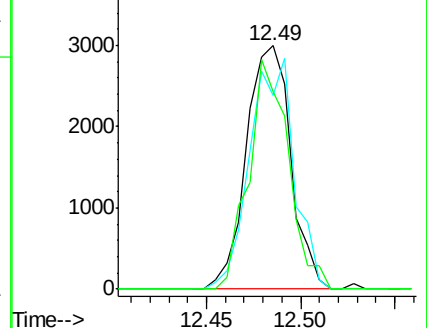
176 84.6 0.0 183.6

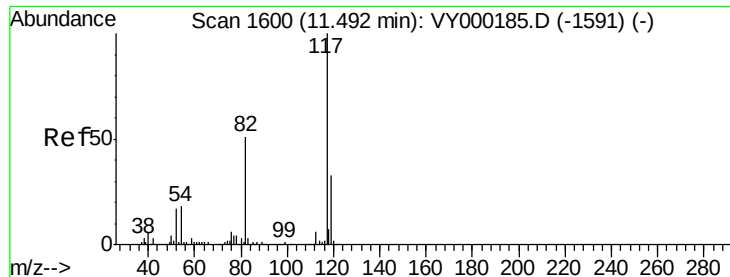


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

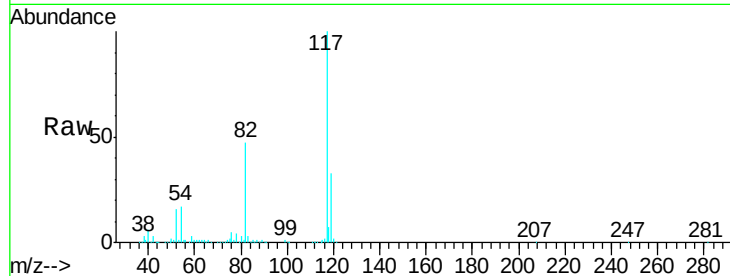




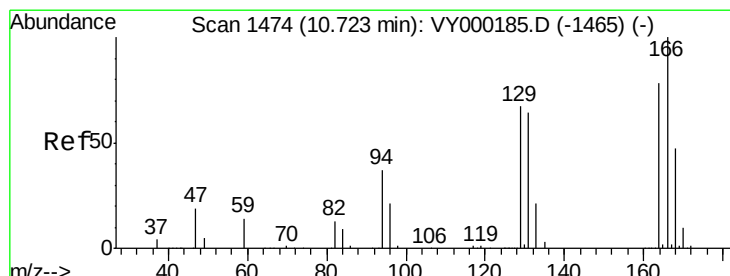
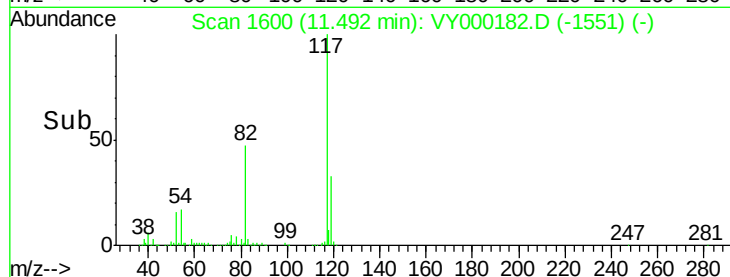
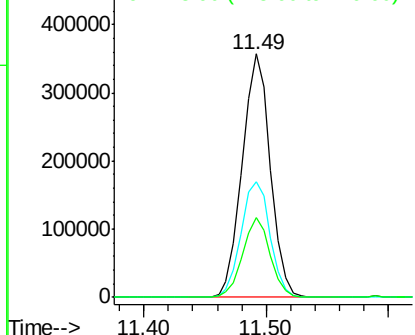
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 567348
Ion Ratio Lower Upper
117 100
82 47.5 41.0 61.4
119 33.0 26.2 39.2

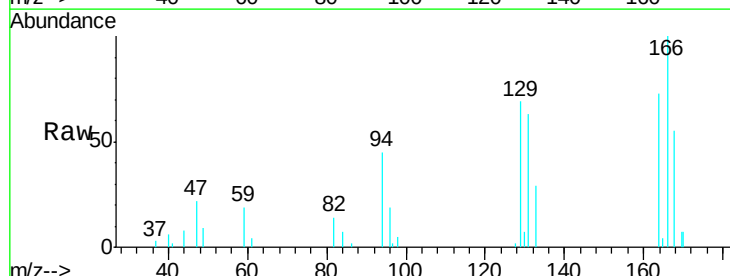


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

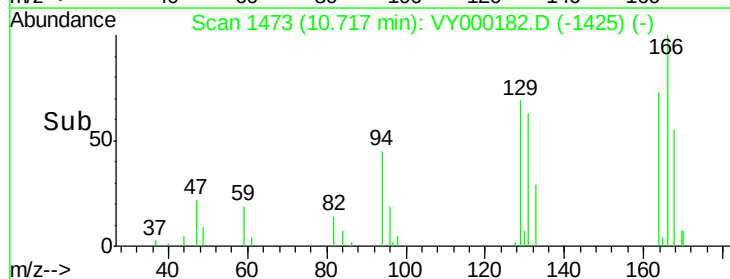
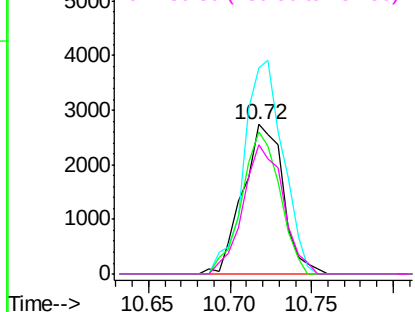


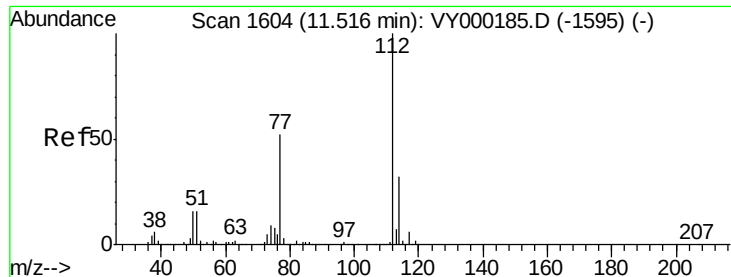
#64
Tetrachloroethene
Concen: 1.065 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion:164 Resp: 4708
Ion Ratio Lower Upper
164 100
166 137.9 103.2 154.8
129 94.7 69.0 103.4
131 86.6 66.4 99.6



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





#65

Chlorobenzene

Concen: 1.020 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

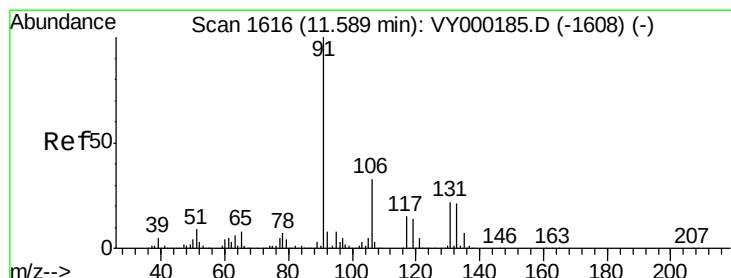
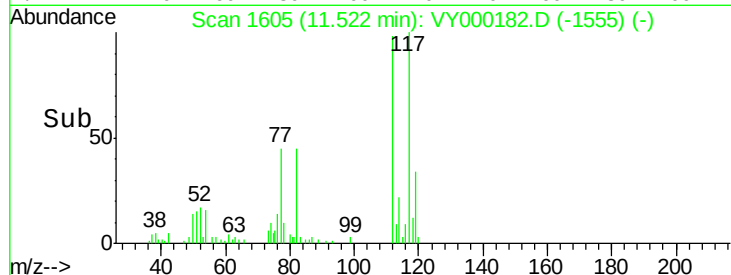
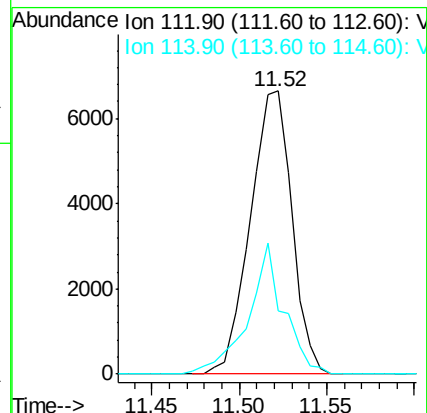
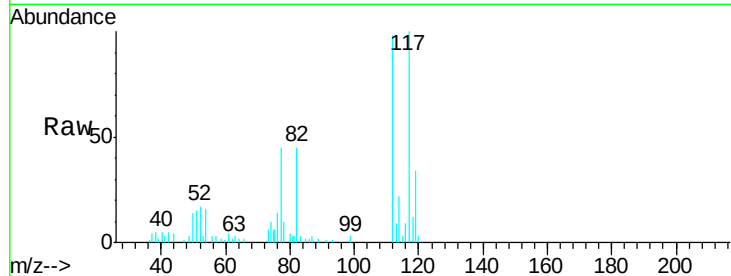
VSTDIC001

Tgt Ion:112 Resp: 10978

Ion Ratio Lower Upper

112 100

114 22.4 25.6 38.4#



#66

1,1,1,2-Tetrachloroethane

Concen: 0.932 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

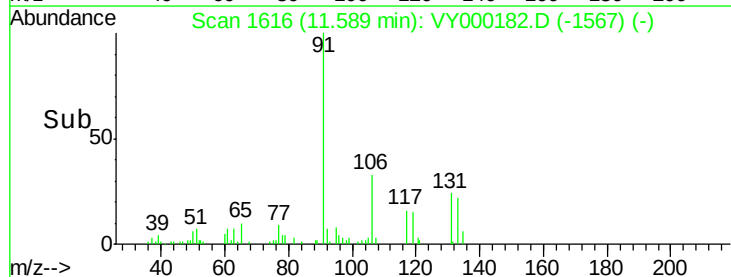
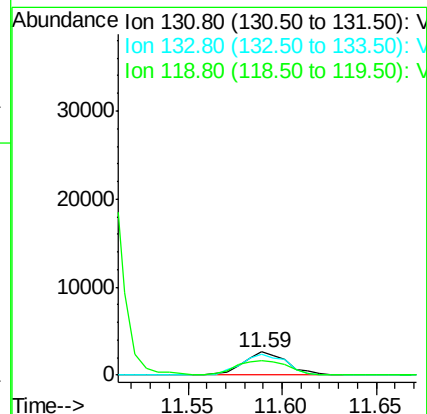
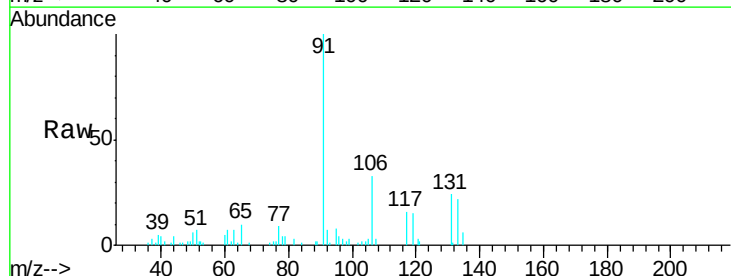
Tgt Ion:131 Resp: 4136

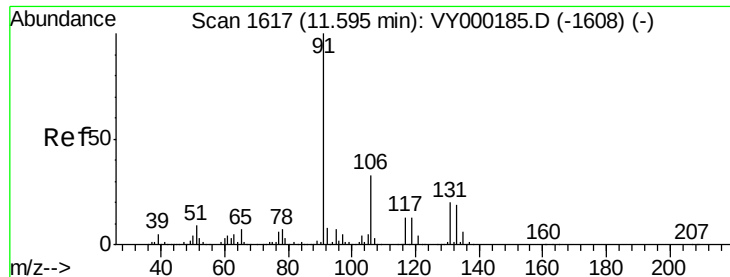
Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

119 0.0 32.6 98.0#

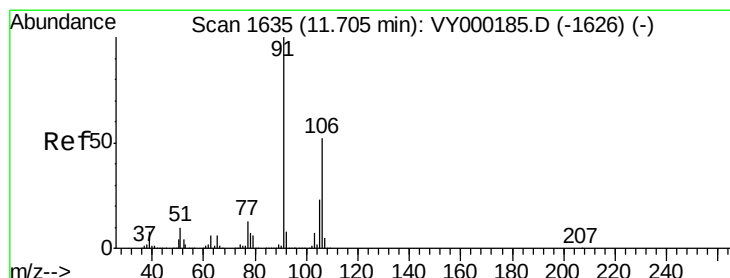
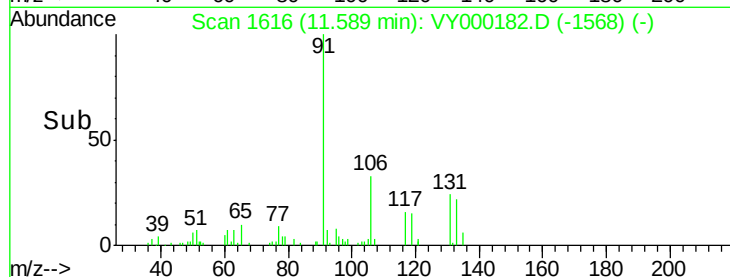
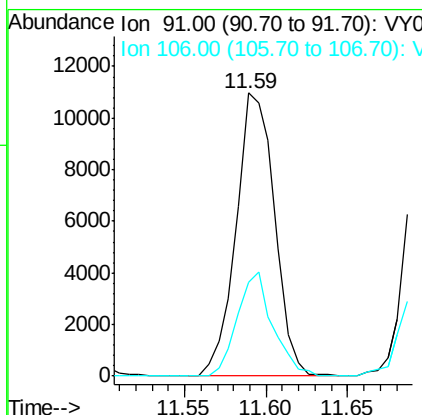
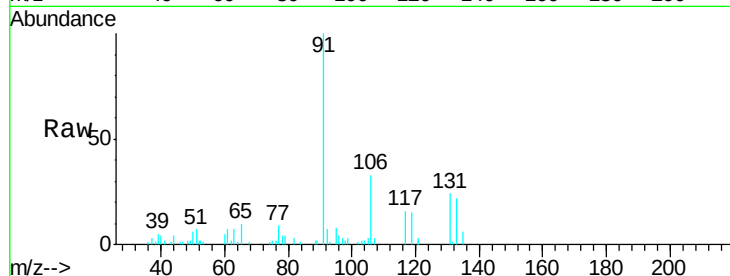




#67
Ethyl Benzene
Concen: 1.007 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

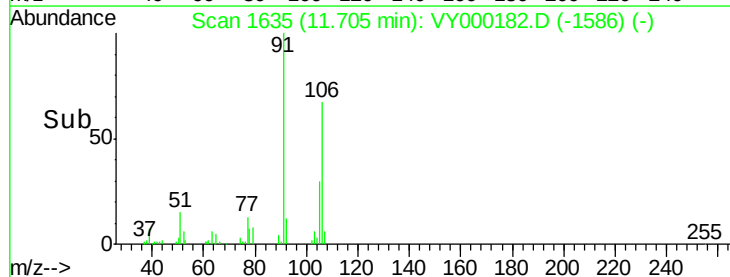
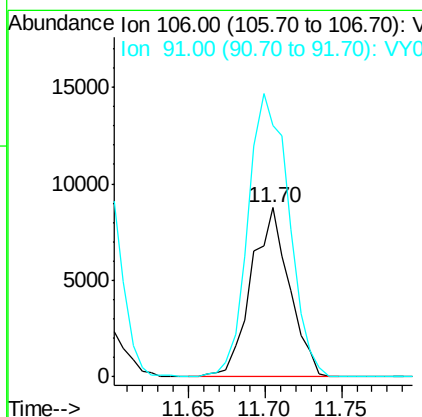
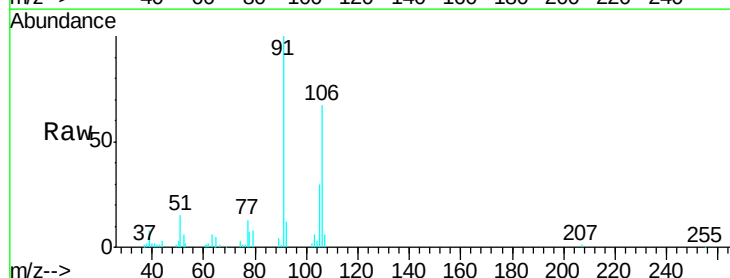
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

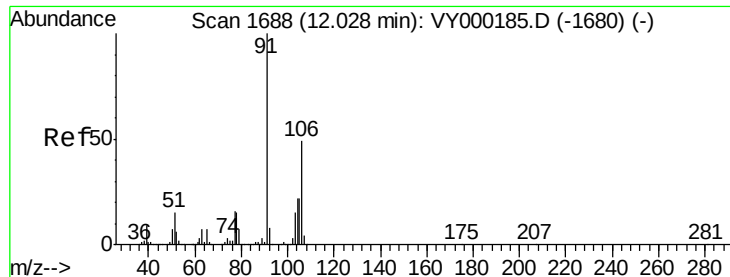
Tgt Ion: 91 Resp: 18085
Ion Ratio Lower Upper
91 100
106 33.3 26.3 39.5



#68
m/p-Xylenes
Concen: 2.143 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 106 Resp: 15266
Ion Ratio Lower Upper
106 100
91 178.5 151.7 227.5

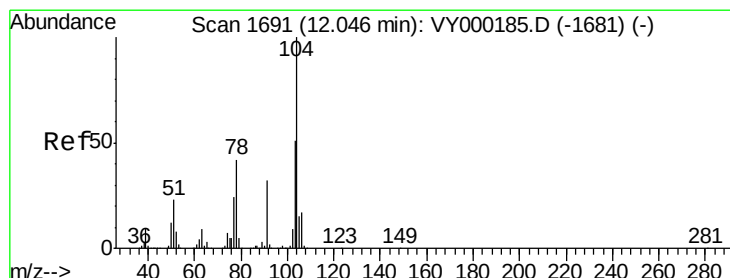
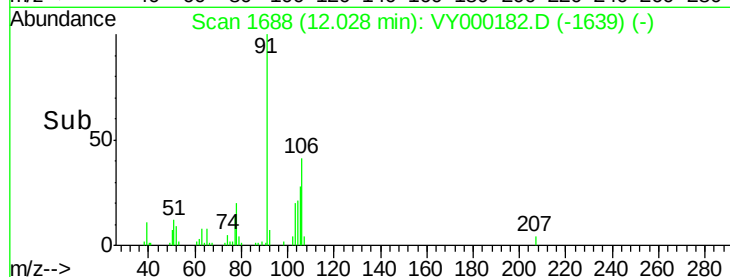
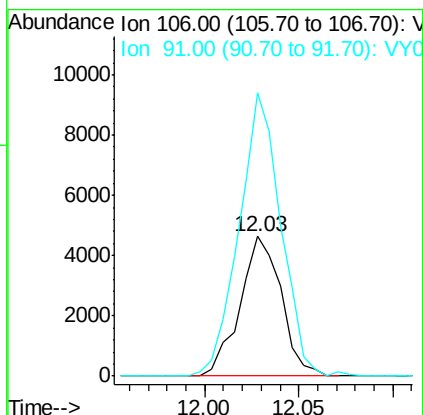
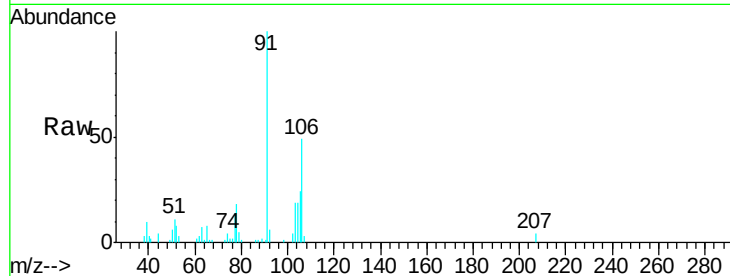




#69
o-Xylene
Concen: 0.983 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

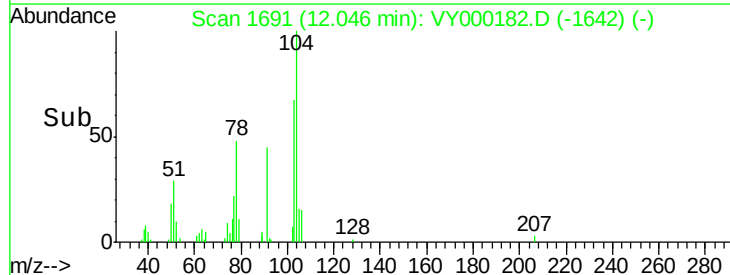
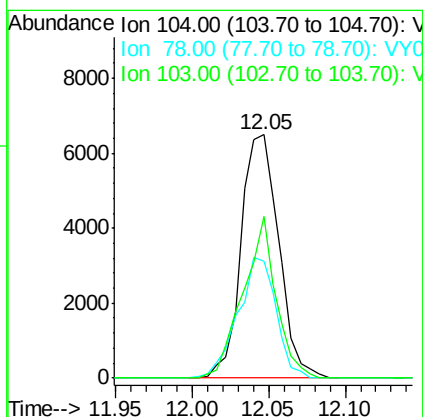
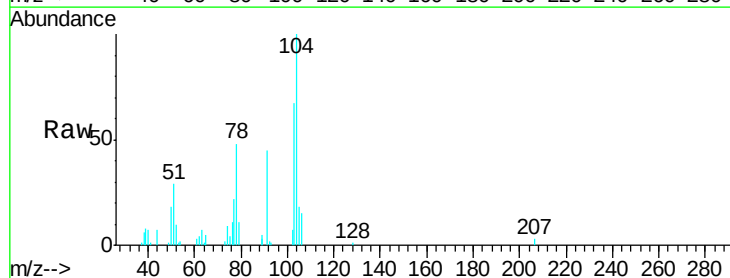
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

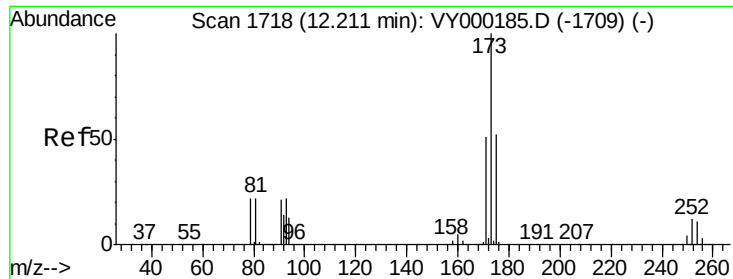
Tgt Ion:106 Resp: 7015
Ion Ratio Lower Upper
106 100
91 206.3 98.7 296.1



#70
Styrene
Concen: 0.904 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion:104 Resp: 11115
Ion Ratio Lower Upper
104 100
78 50.1 36.3 54.5
103 58.4 43.1 64.7





#71

Bromoform

Concen: 0.892 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

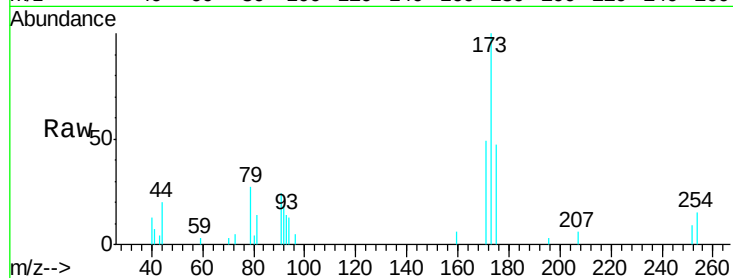
Tgt Ion:173 Resp: 3647

Ion Ratio Lower Upper

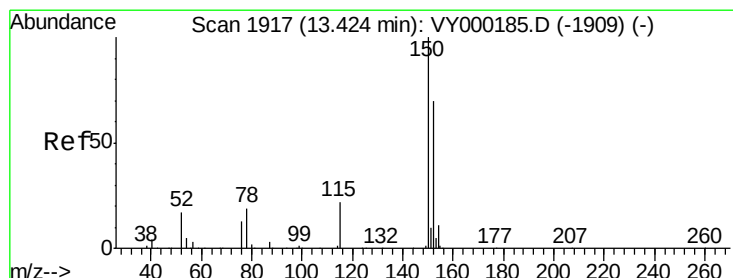
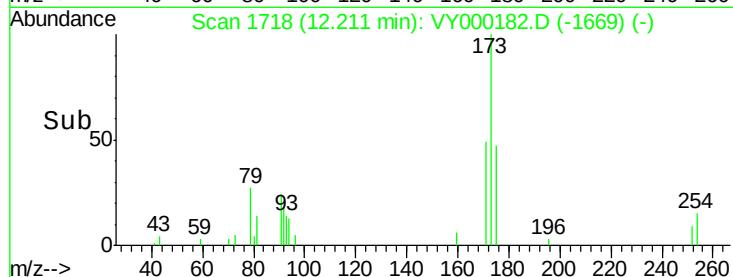
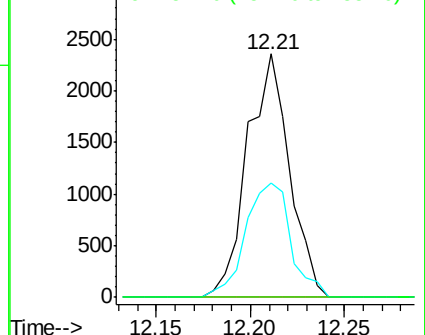
173 100

175 50.5 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

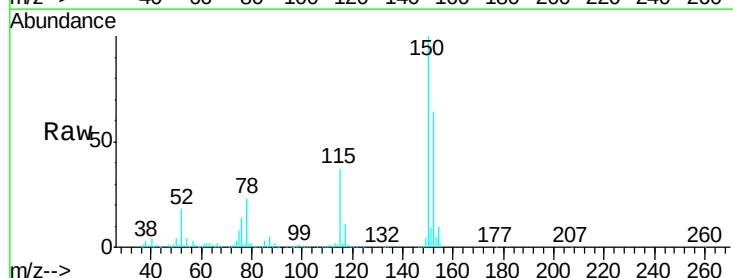
Tgt Ion:152 Resp: 279761

Ion Ratio Lower Upper

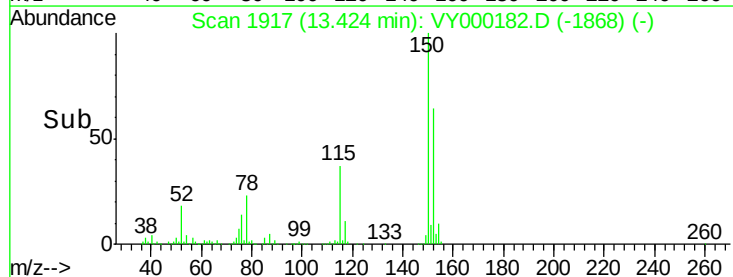
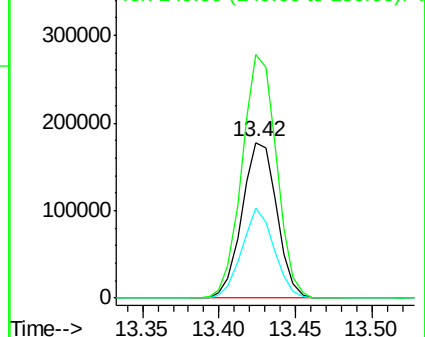
152 100

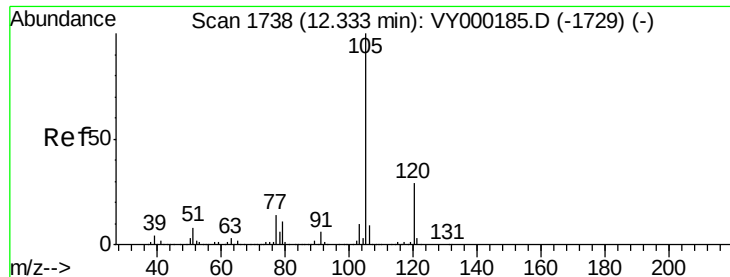
115 53.9 27.2 81.6

150 155.1 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.988 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampled :

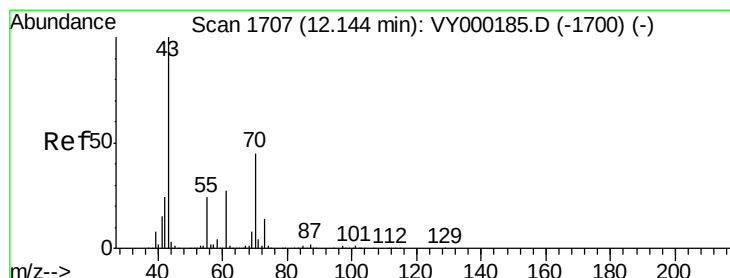
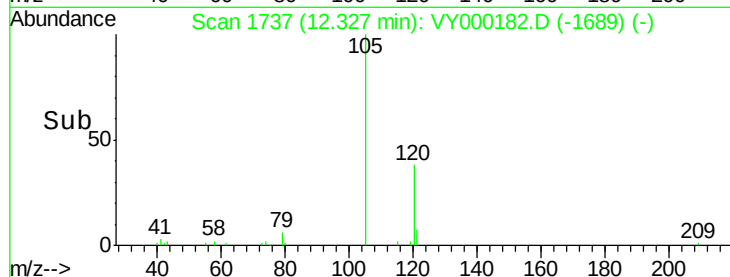
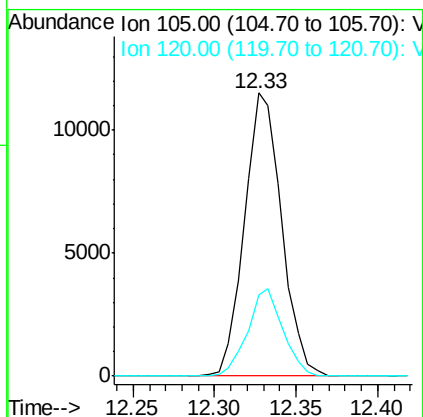
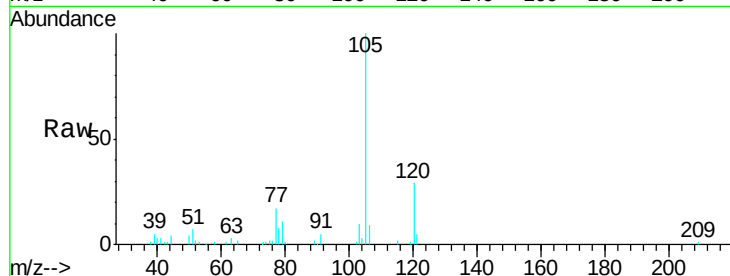
VSTDIC001

Tgt Ion:105 Resp: 18259

Ion Ratio Lower Upper

105 100

120 29.2 14.1 42.3



#74

N-ethyl acetate

Concen: 0.743 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Tgt Ion: 43 Resp: 6044

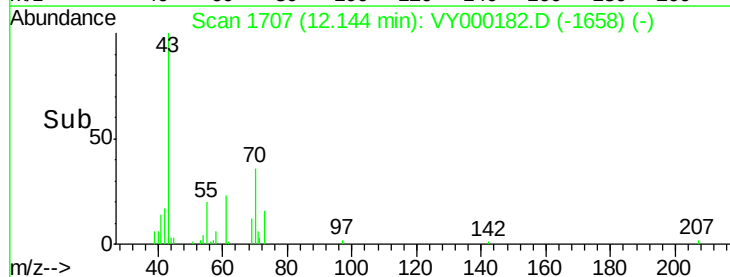
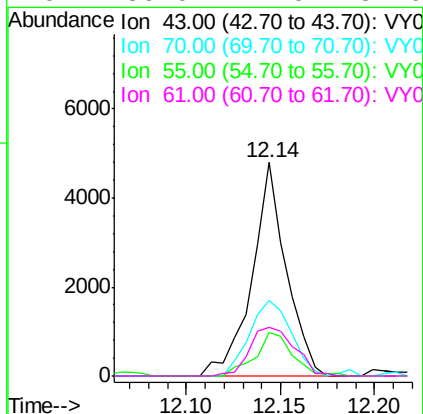
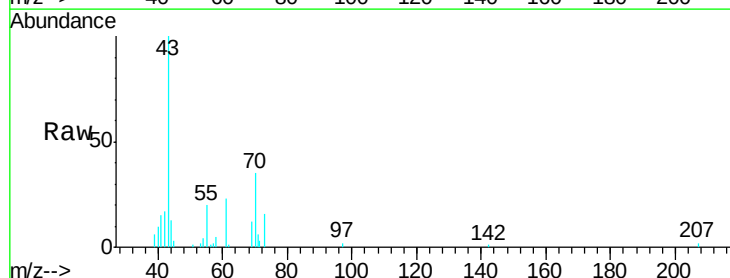
Ion Ratio Lower Upper

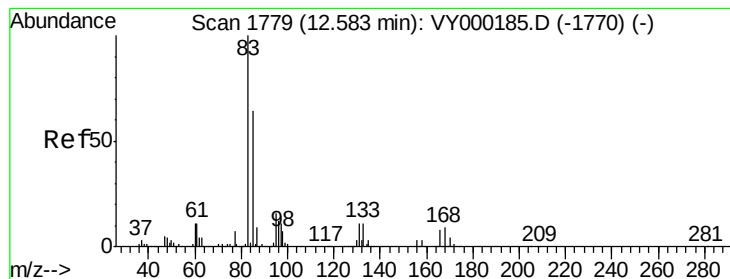
43 100

70 43.1 36.7 55.1

55 22.3 18.6 27.8

61 30.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 0.860 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

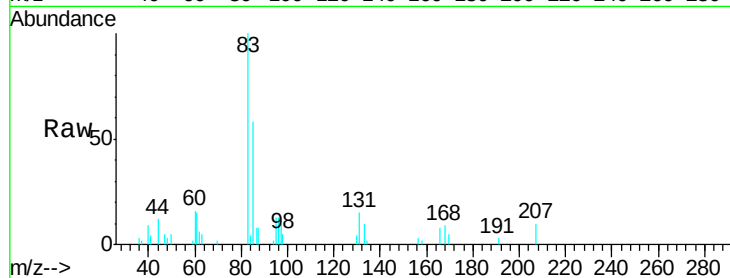
MSVOA_Y

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 5639

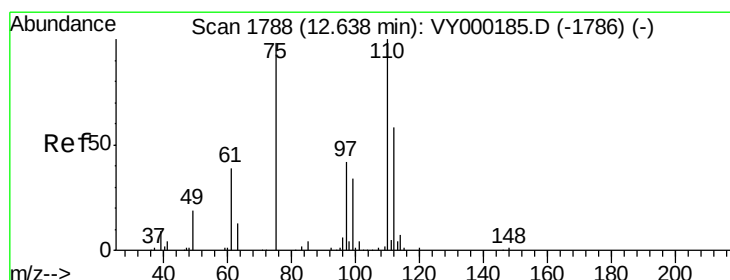
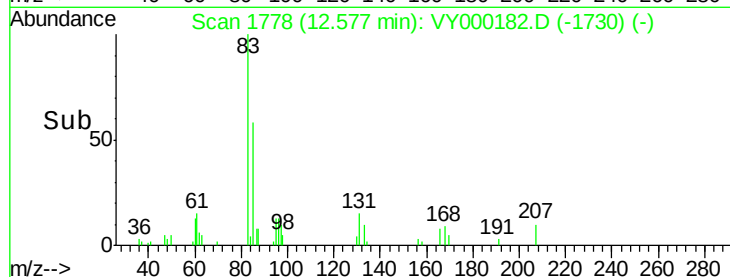
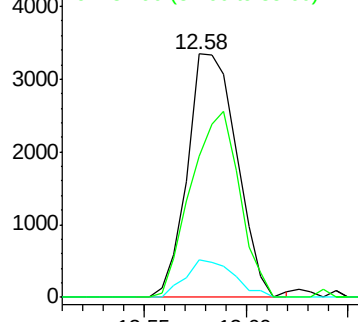
Ion	Ratio	Lower	Upper
83	100		
131	15.0	5.6	16.8
85	75.2	32.1	96.3



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: 1.709 ug/l

RT: 12.63 min Scan# 1787

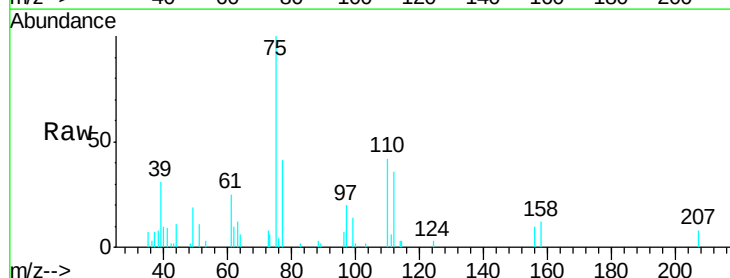
Delta R.T. -0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

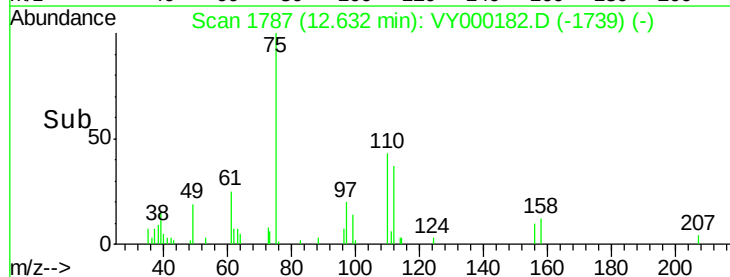
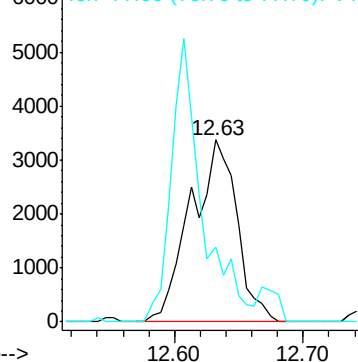
Tgt Ion: 75 Resp: 8385

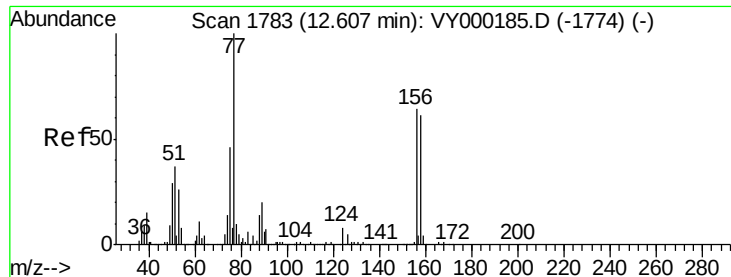
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 0.973 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

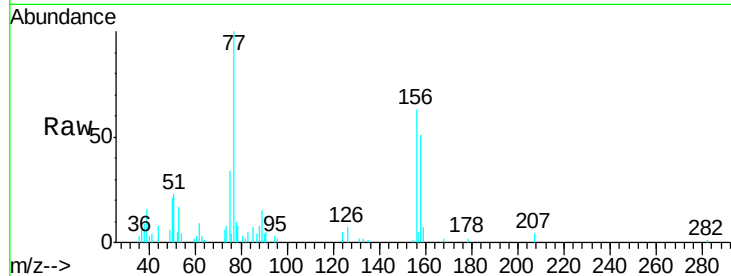
Tgt Ion:156 Resp: 4951

Ion Ratio Lower Upper

156 100

77 178.9 95.3 285.8

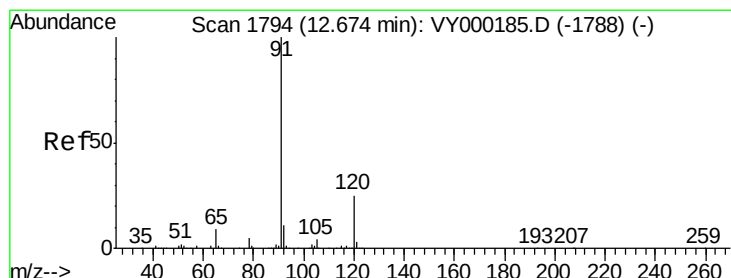
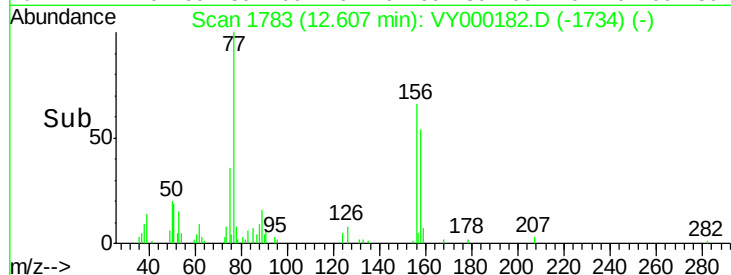
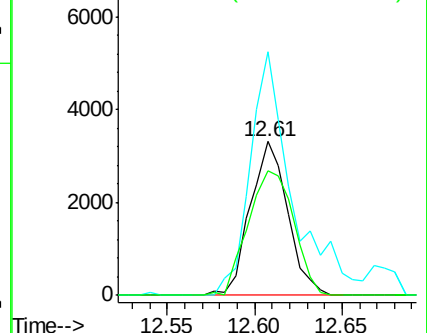
158 98.5 48.0 144.2



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: 0.937 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000182.D

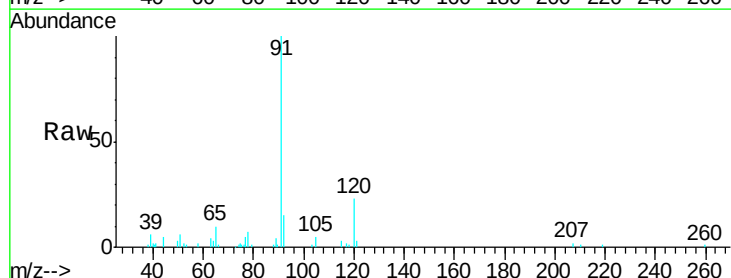
Acq: 03 Oct 2019 12:36

Tgt Ion: 91 Resp: 19362

Ion Ratio Lower Upper

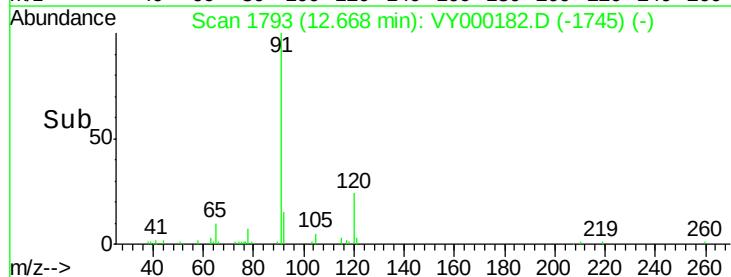
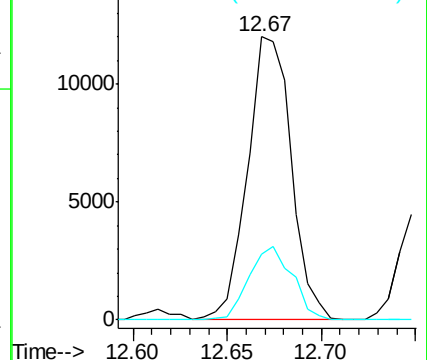
91 100

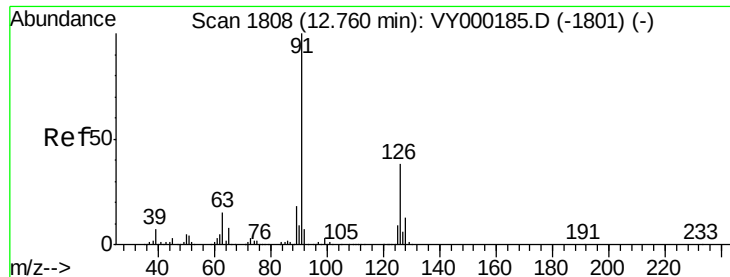
120 25.6 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

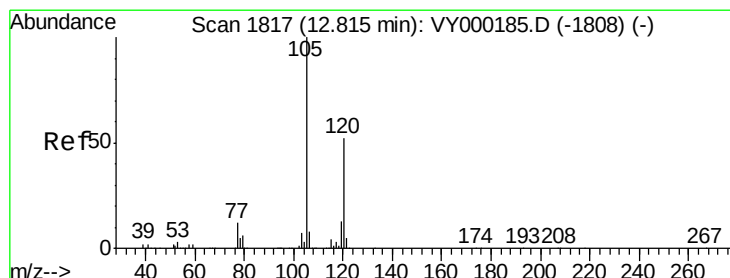
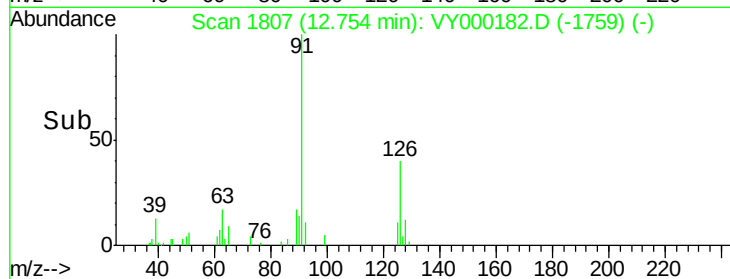
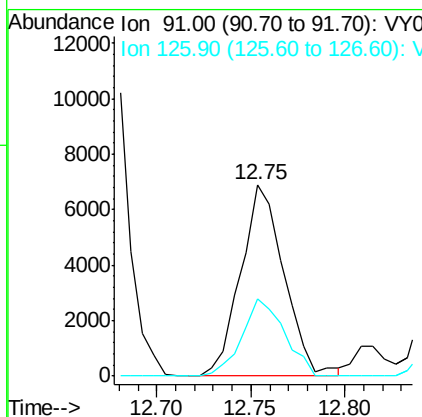
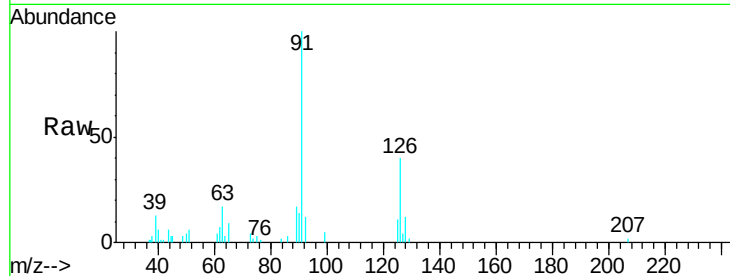




#79
 2-Chlorotoluene
 Concen: 0.907 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

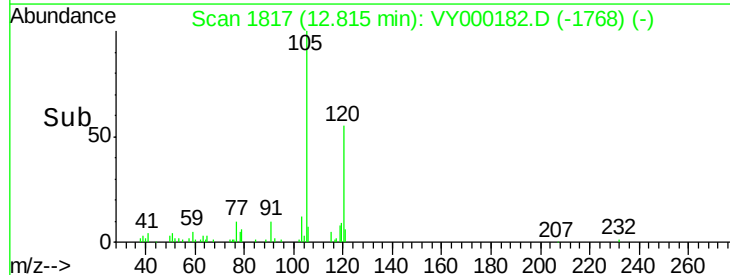
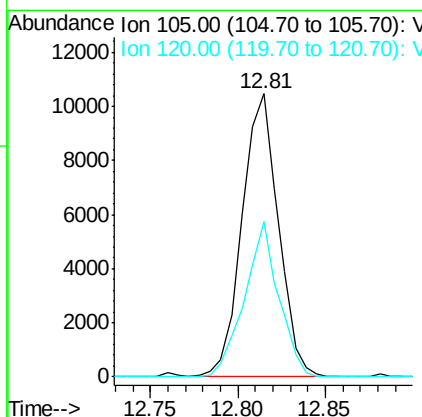
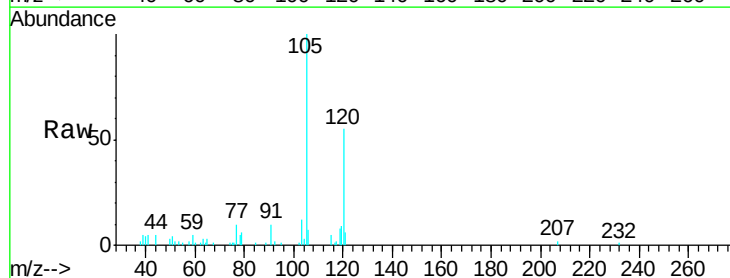
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

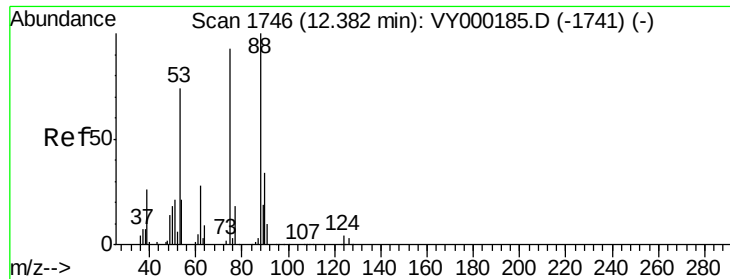
Tgt Ion: 91 Resp: 11042
 Ion Ratio Lower Upper
 91 100
 126 39.2 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.977 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 105 Resp: 15144
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 0.850 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

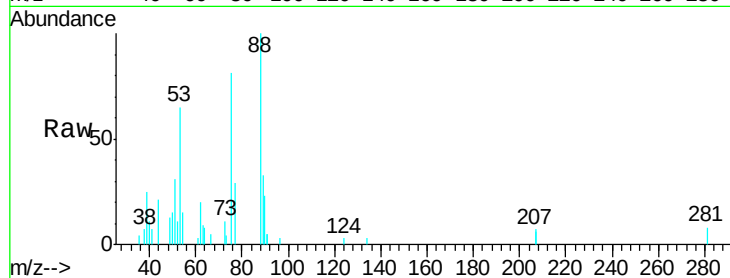
Tgt Ion: 75 Resp: 2330

Ion Ratio Lower Upper

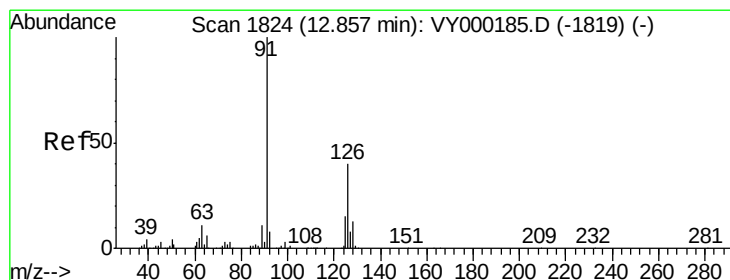
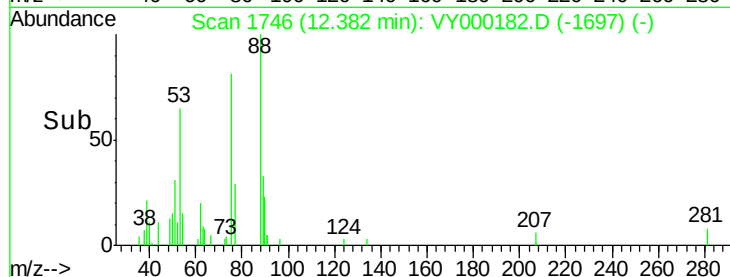
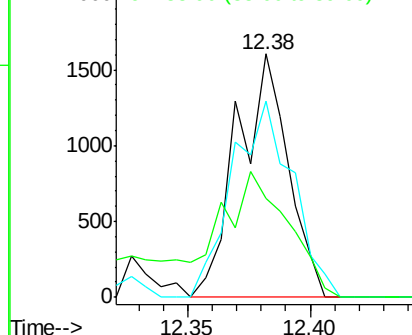
75 100

53 94.8 67.7 101.5

89 65.5 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 0.921 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000182.D

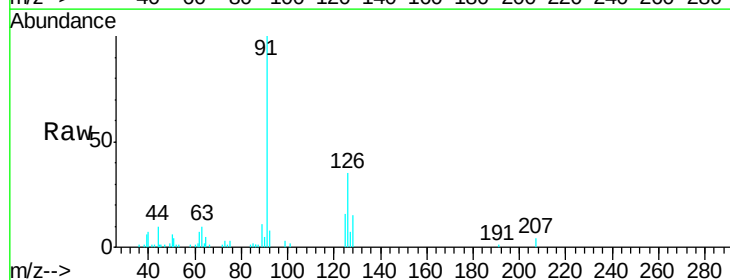
Acq: 03 Oct 2019 12:36

Tgt Ion: 91 Resp: 11941

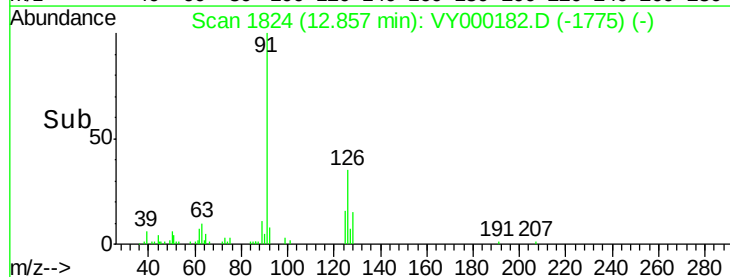
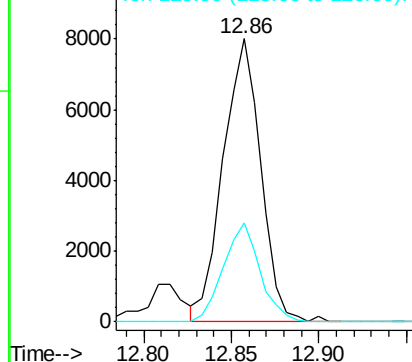
Ion Ratio Lower Upper

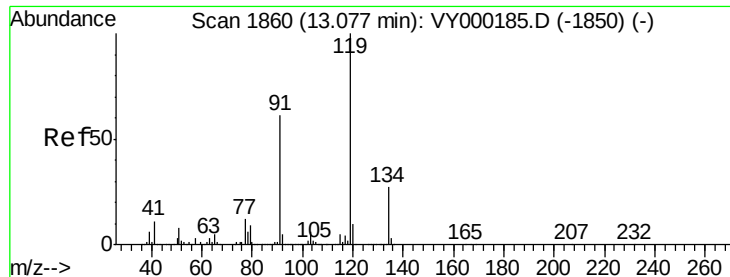
91 100

126 34.2 18.4 55.0



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

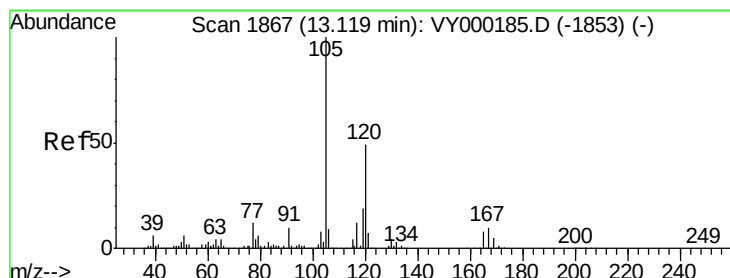
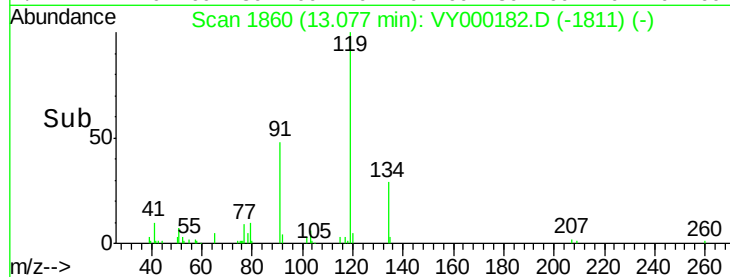
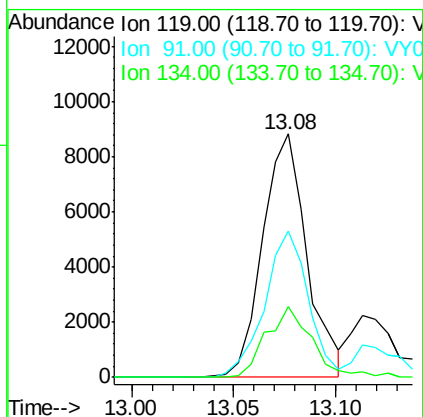
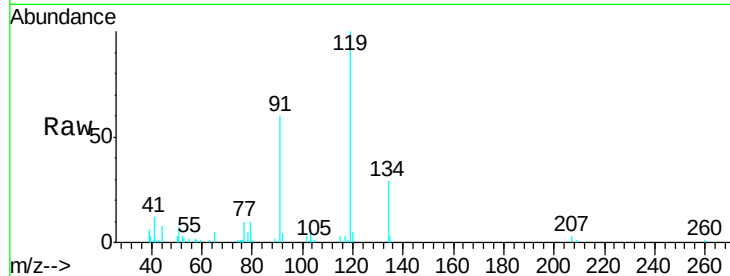




#83
 tert-Butylbenzene
 Concen: 0.943 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

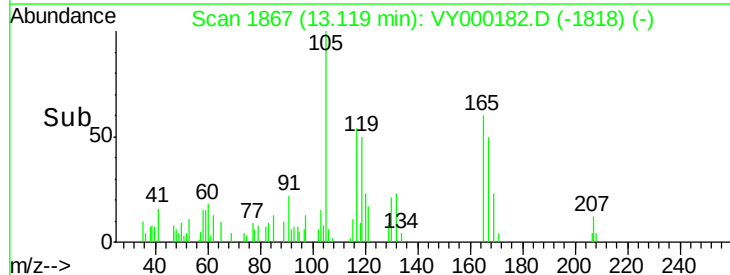
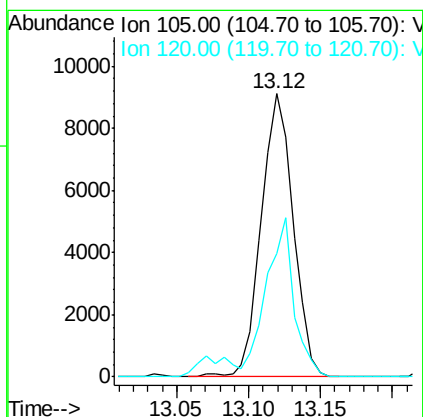
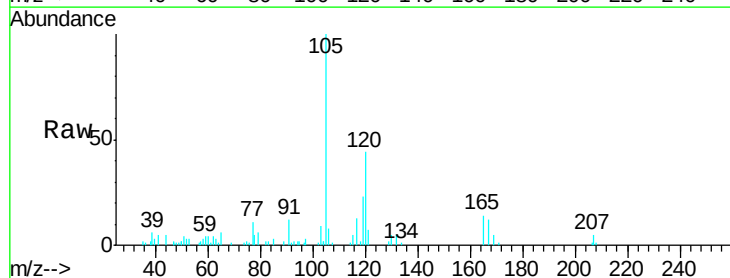
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

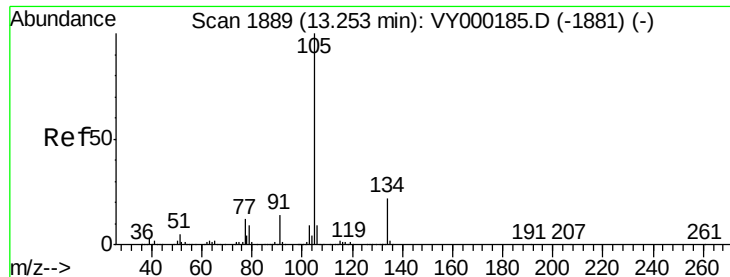
Tgt Ion:119 Resp: 13317
 Ion Ratio Lower Upper
 119 100
 91 59.2 30.6 92.0
 134 30.3 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.908 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion:105 Resp: 13975
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.0 72.0





#85

sec-Butylbenzene

Concen: 0.956 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

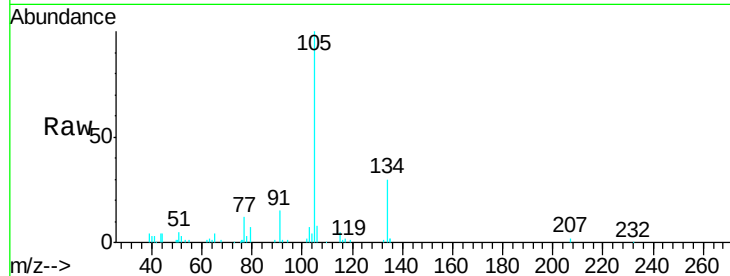
VSTDIC001

Tgt Ion:105 Resp: 18075

Ion Ratio Lower Upper

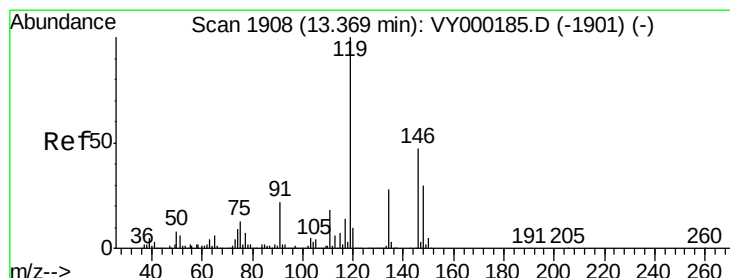
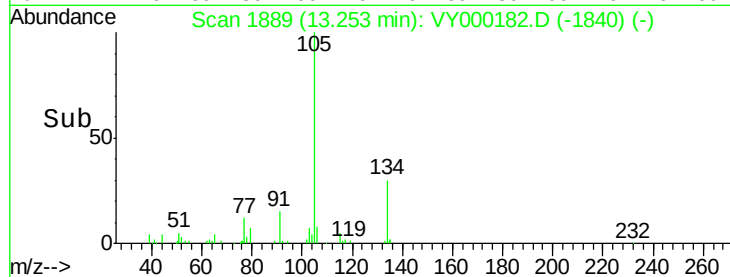
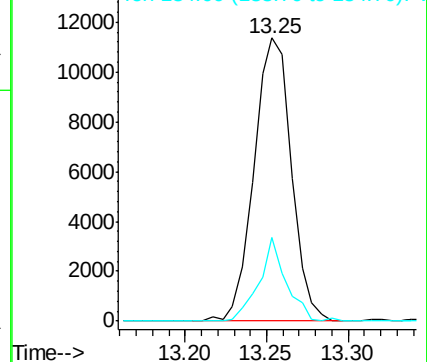
105 100

134 21.3 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.909 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

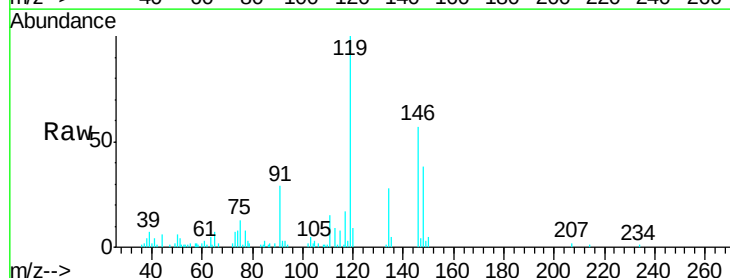
Tgt Ion:119 Resp: 15763

Ion Ratio Lower Upper

119 100

134 27.7 14.1 42.2

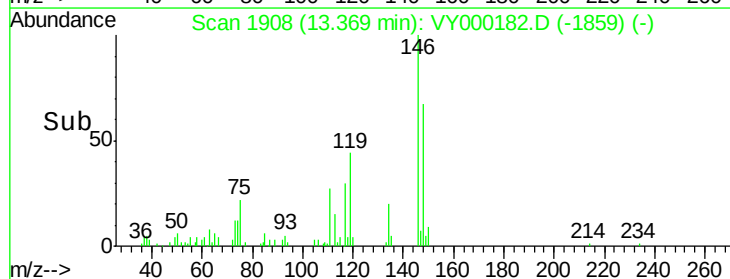
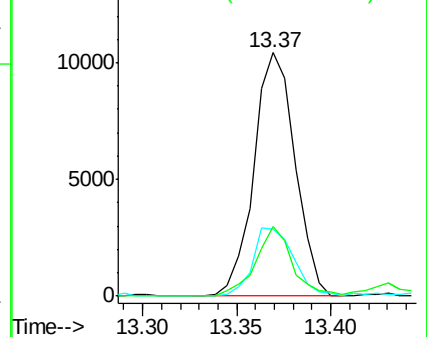
91 25.5 11.2 33.5

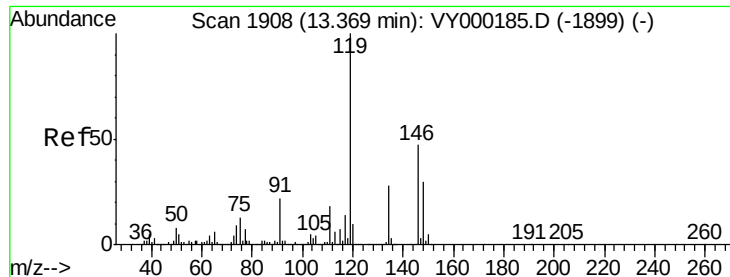


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 1.022 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC001

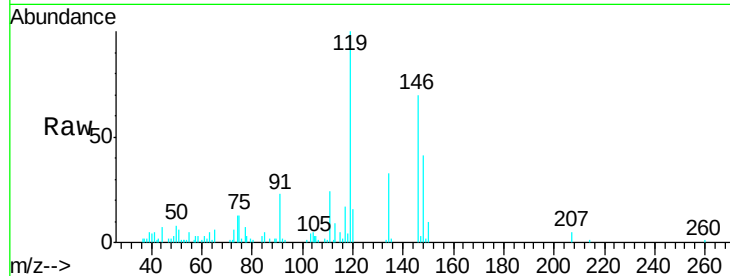
Tgt Ion:146 Resp: 9392

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

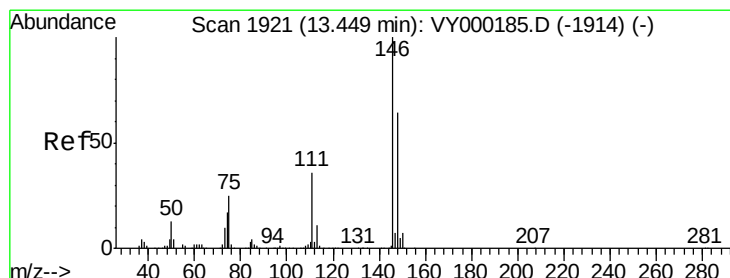
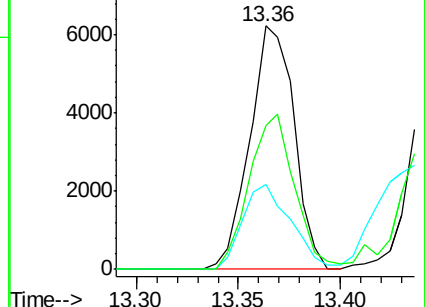
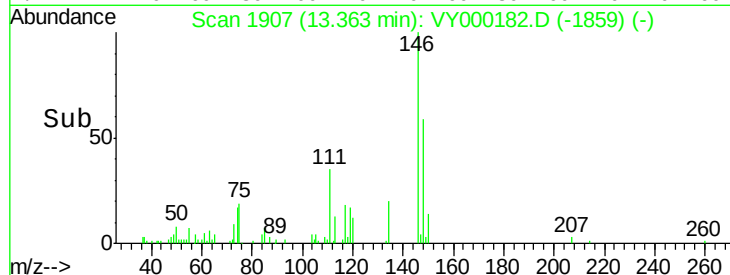
148 65.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.982 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.09 min

Lab File: VY000182.D

Acq: 03 Oct 2019 12:36

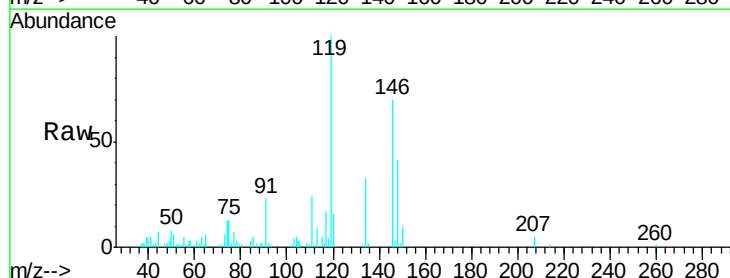
Tgt Ion:146 Resp: 9392

Ion Ratio Lower Upper

146 100

111 37.7 18.1 54.1

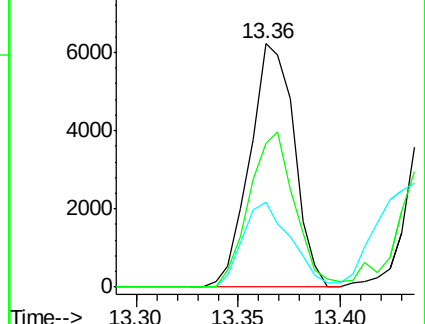
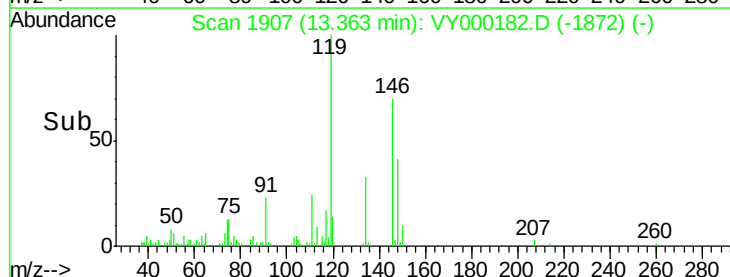
148 65.4 32.3 96.8

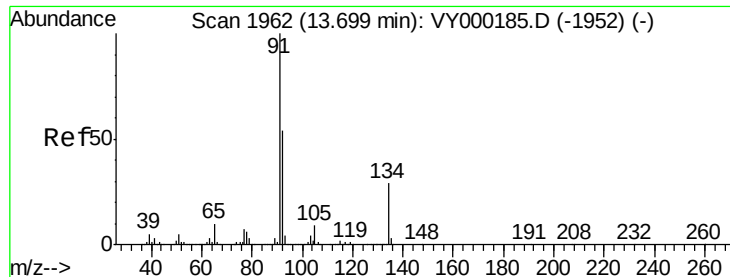


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

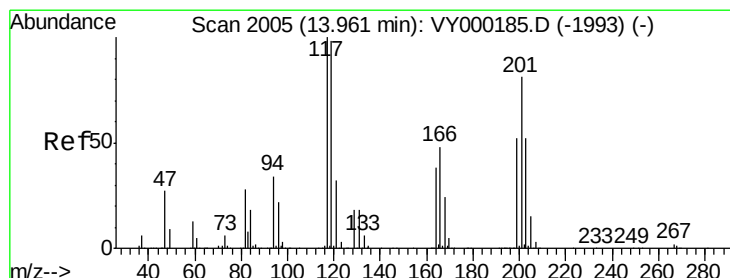
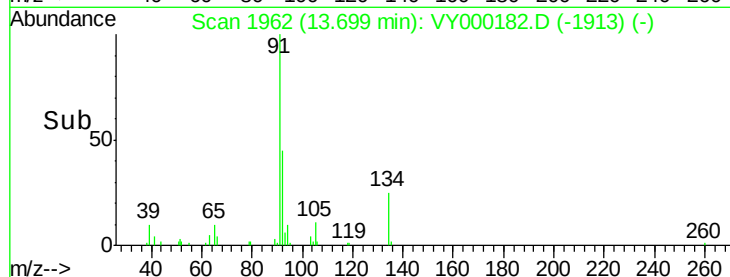
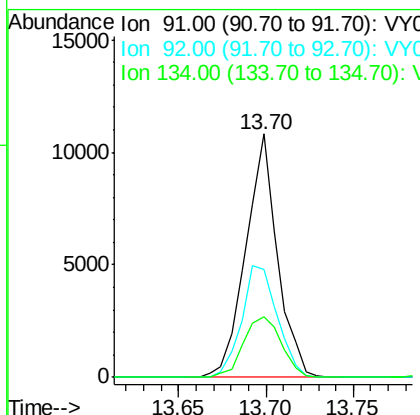
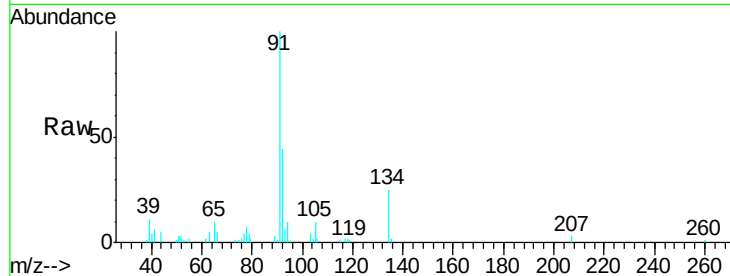




#89
n-Butylbenzene
Concen: 0.895 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

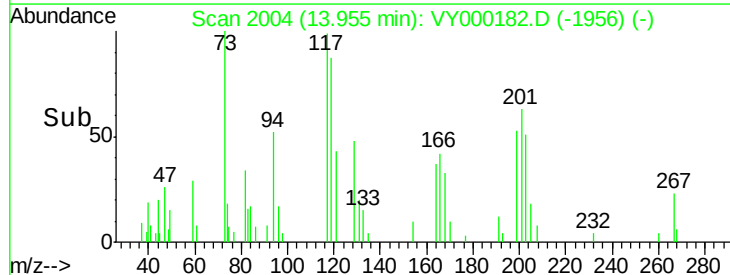
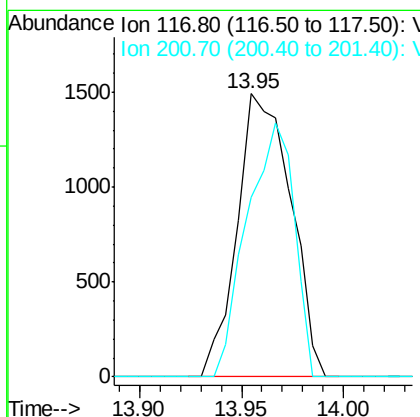
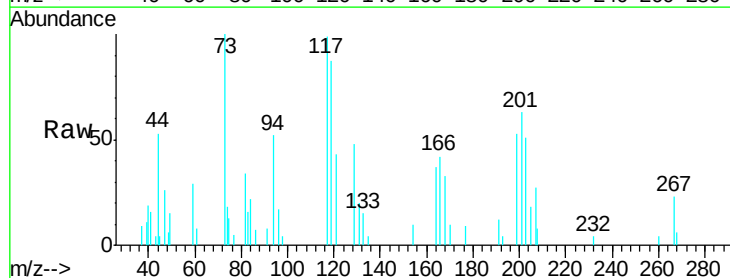
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

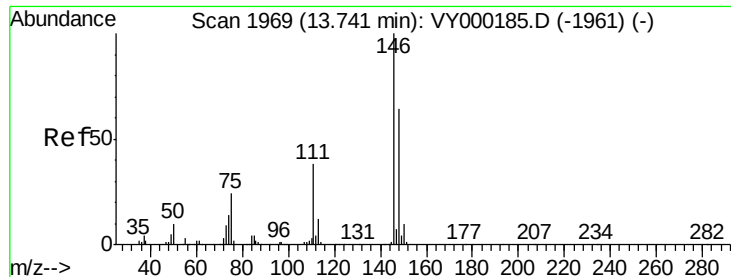
Tgt Ion: 91 Resp: 13631
Ion Ratio Lower Upper
91 100
92 51.4 27.1 81.3
134 29.8 14.4 43.0



#90
Hexachloroethane
Concen: 0.793 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion: 117 Resp: 2726
Ion Ratio Lower Upper
117 100
201 78.6 42.6 128.0

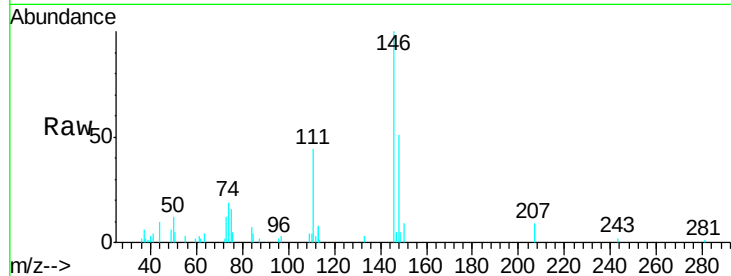




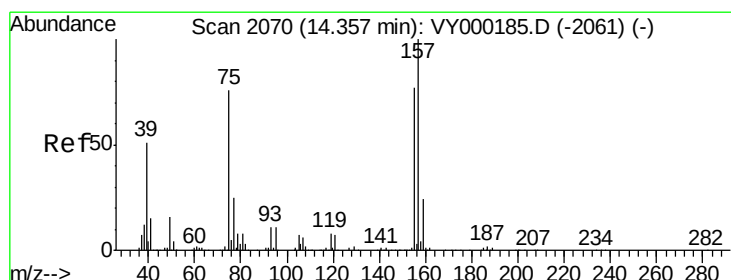
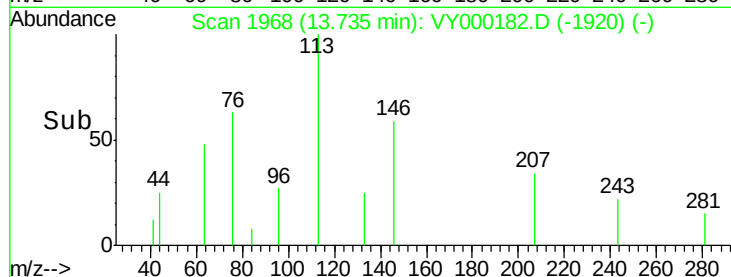
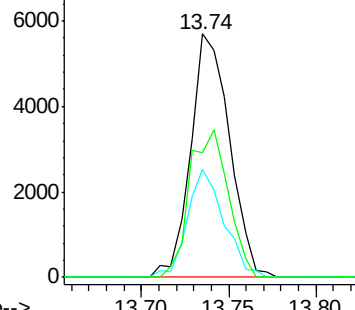
#91
 1,2-Dichlorobenzene
 Concen: 0.945 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 8821
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.4 58.2
 148 60.3 32.1 96.5

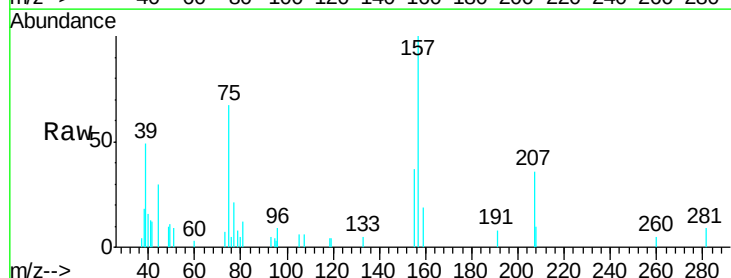


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

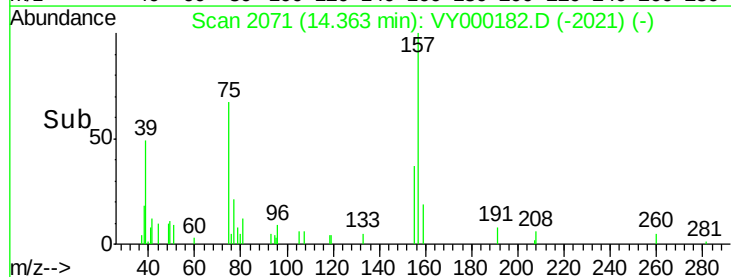
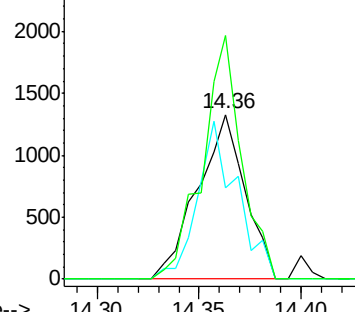


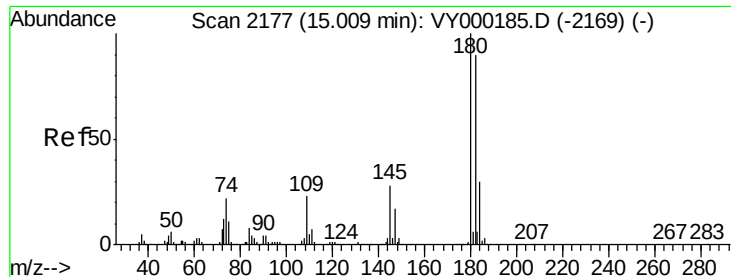
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.980 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion: 75 Resp: 2157
 Ion Ratio Lower Upper
 75 100
 155 79.3 52.3 157.1
 157 121.9 66.8 200.3



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

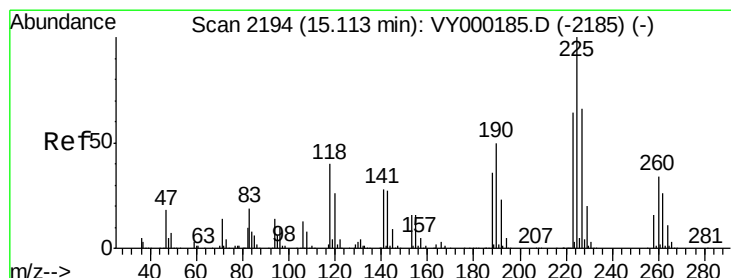
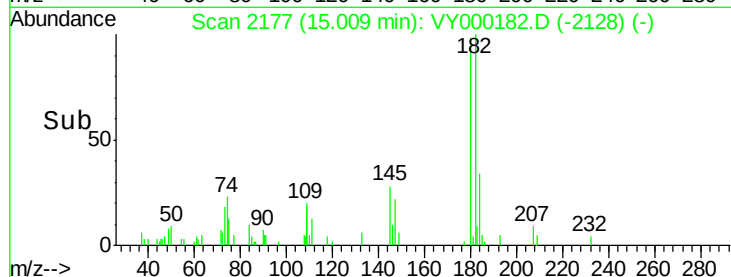
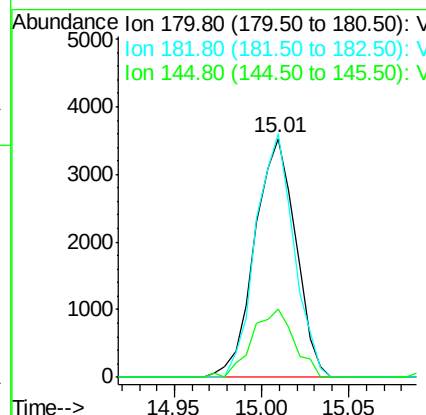
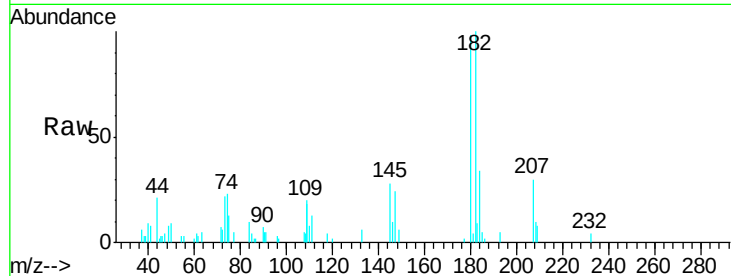




#93
 1,2,4-Trichlorobenzene
 Concen: 0.841 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

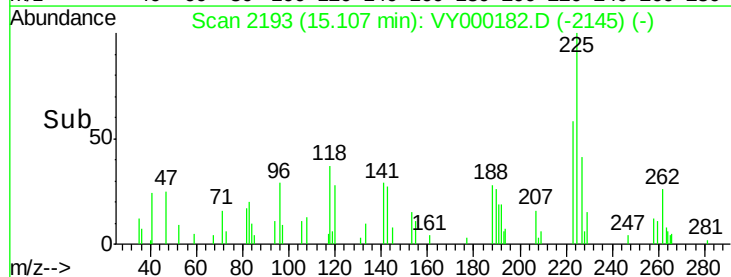
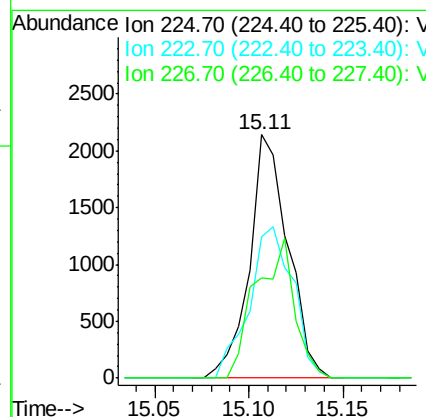
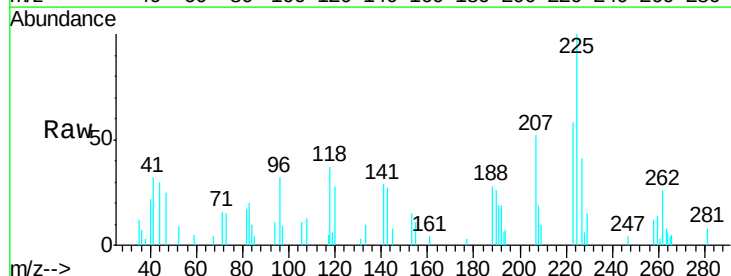
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

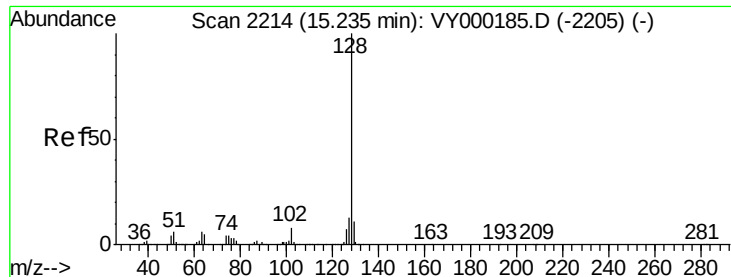
Tgt Ion:180 Resp: 5748
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.1 141.3
 145 29.2 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 0.957 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000182.D
 Acq: 03 Oct 2019 12:36

Tgt Ion:225 Resp: 3038
 Ion Ratio Lower Upper
 225 100
 223 70.8 31.9 95.9
 227 57.6 32.1 96.3

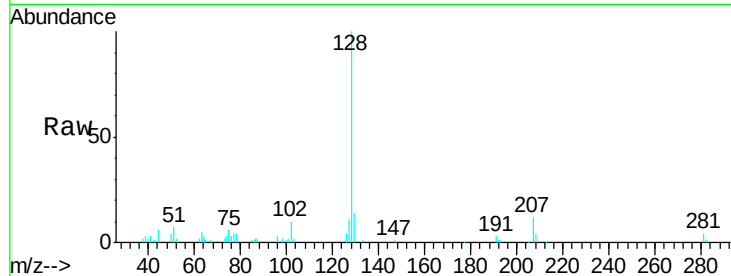




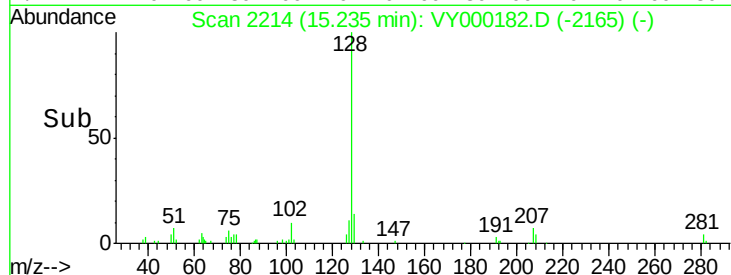
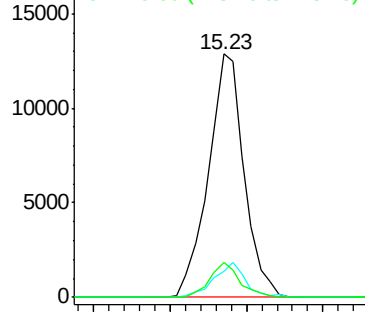
#95
Naphthalene
Concen: 0.866 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC001

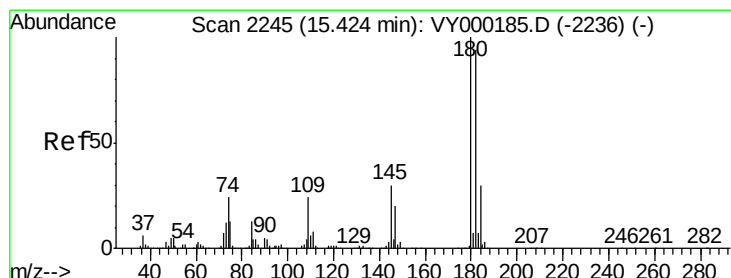
Tgt Ion:128 Resp: 20881
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 11.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

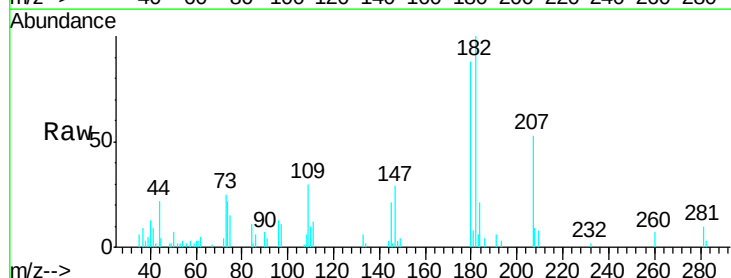


Time-->



#96
1,2,3-Trichlorobenzene
Concen: 0.842 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000182.D
Acq: 03 Oct 2019 12:36

Tgt Ion:180 Resp: 5692
Ion Ratio Lower Upper
180 100
182 105.7 47.7 143.1
145 32.9 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

