

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000183.D
 Acq On : 03 Oct 2019 13:20
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 04 05:36:48 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	377748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	574127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	497487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	17485	4.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.86%	
35) Dibromofluoromethane	7.73	113	16052	4.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.02%	
50) Toluene-d8	10.19	98	60559	4.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.92%	
62) 4-Bromofluorobenzene	12.48	95	22059	4.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	14714	5.850 ug/l	100
3) Chloromethane	2.12	50	17529	6.725 ug/l #	85
4) Vinyl Chloride	2.25	62	19706	6.973 ug/l	98
5) Bromomethane	2.63	94	16397	8.883 ug/l	86
6) Chloroethane	2.79	64	12428	6.312 ug/l	91
7) Trichlorofluoromethane	3.11	101	29357	6.509 ug/l	92
8) Diethyl Ether	3.54	74	11610	5.817 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	16741	5.871 ug/l	98
10) Methyl Iodide	4.09	142	21980	5.673 ug/l	97
11) Tert butyl alcohol	4.97	59	57752	30.518 ug/l #	86
12) 1,1-Dichloroethene	3.86	96	17873	6.667 ug/l	89
13) Acrolein	3.74	56	25027	30.697 ug/l	97
14) Allyl chloride	4.49	41	23571	6.311 ug/l	93
15) Acrylonitrile	5.18	53	81186	26.709 ug/l	98
16) Acetone	3.96	43	71402	28.307 ug/l	96
17) Carbon Disulfide	4.19	76	45529	8.431 ug/l #	93
18) Methyl Acetate	4.48	43	36996	5.251 ug/l	99
19) Methyl tert-butyl Ether	5.24	73	57169	5.284 ug/l	96
20) Methylene Chloride	4.72	84	20012	6.060 ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	18686	6.463 ug/l	97
22) Diisopropyl ether	6.13	45	51204	5.169 ug/l	97
23) Vinyl Acetate	6.07	43	229935	26.995 ug/l	98
24) 1,1-Dichloroethane	6.03	63	29987	5.658 ug/l	98
25) 2-Butanone	7.00	43	118060	26.326 ug/l	98
26) 2,2-Dichloropropane	6.99	77	30482	5.912 ug/l	93
27) cis-1,2-Dichloroethene	7.00	96	23160	6.091 ug/l	95
28) Bromochloromethane	7.35	49	11175	5.358 ug/l	93
29) Tetrahydrofuran	7.36	42	77559	25.921 ug/l	94
30) Chloroform	7.51	83	32996	5.435 ug/l	96
31) Cyclohexane	7.79	56	31684	8.154 ug/l #	85
32) 1,1,1-Trichloroethane	7.71	97	29369	5.669 ug/l	98
36) 1,1-Dichloropropene	7.92	75	24134	6.418 ug/l	99
37) Ethyl Acetate	7.08	43	36412	5.180 ug/l #	94
38) Carbon Tetrachloride	7.90	117	25455	5.522 ug/l	95

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 Data File : VY000183.D
 Acq On : 03 Oct 2019 13:20
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 Sample : VSTDIC005
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 04 05:36:48 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)
39) Methylcyclohexane	9.19	83	30435	6.859	ug/l	95
40) Benzene	8.17	78	74725	5.993	ug/l	99
41) Methacrylonitrile	7.36	41	62585	18.782	ug/l #	16
42) 1,2-Dichloroethane	8.24	62	24420	5.633	ug/l	99
43) Isopropyl Acetate	8.28	43	49010	5.171	ug/l	95
44) Trichloroethene	8.95	130	23321	5.993	ug/l	93
45) 1,2-Dichloropropane	9.22	63	17701	5.535	ug/l	97
46) Dibromomethane	9.32	93	13503	5.673	ug/l	99
47) Bromodichloromethane	9.50	83	25241	5.191	ug/l	93
48) Methyl methacrylate	9.30	41	21499	5.091	ug/l	98
49) 1,4-Dioxane	9.31	88	13826	105.025	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	183508	24.556	ug/l	99
52) Toluene	10.25	92	46962	5.694	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	27515	5.153	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	31015	5.570	ug/l	93
55) 1,1,2-Trichloroethane	10.65	97	19048	5.023	ug/l	97
56) Ethyl methacrylate	10.52	69	29063	4.938	ug/l	96
57) 1,3-Dichloropropane	10.79	76	32039	5.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	69919	23.281	ug/l	94
59) 2-Hexanone	10.84	43	155392	24.683	ug/l	99
60) Dibromochloromethane	10.99	129	22032	5.050	ug/l	98
61) 1,2-Dibromoethane	11.09	107	21149	5.500	ug/l	99
64) Tetrachloroethene	10.72	164	24097	6.219	ug/l	96
65) Chlorobenzene	11.52	112	54177	5.742	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.59	131	20590	5.292	ug/l	99
67) Ethyl Benzene	11.60	91	87352	5.549	ug/l	93
68) m/p-Xylenes	11.70	106	70956	11.360	ug/l	98
69) o-Xylene	12.03	106	34042	5.438	ug/l	93
70) Styrene	12.05	104	56408	5.232	ug/l	99
71) Bromoform	12.20	173	16442	4.588	ug/l #	95
73) Isopropylbenzene	12.33	105	89045	5.375	ug/l	98
74) N-amyl acetate	12.14	43	32884	4.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	29325	4.988	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	42359	9.634	ug/l #	100
77) Bromobenzene	12.61	156	24487	5.371	ug/l	97
78) n-propylbenzene	12.67	91	98268	5.305	ug/l	99
79) 2-Chlorotoluene	12.76	91	59121	5.416	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	73405	5.284	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	11063	4.505	ug/l	93
82) 4-Chlorotoluene	12.86	91	57423	4.941	ug/l	95
83) tert-Butylbenzene	13.08	119	67390	5.322	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	71363	5.176	ug/l	98
85) sec-Butylbenzene	13.25	105	86656	5.113	ug/l	99
86) p-Isopropyltoluene	13.37	119	79712	5.128	ug/l	98
87) 1,3-Dichlorobenzene	13.37	146	42760	5.193	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	44529	5.195	ug/l	95
89) n-Butylbenzene	13.70	91	64811	4.747	ug/l	98
90) Hexachloroethane	13.95	117	14523	4.714	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	43218	5.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8723	4.422	ug/l	96

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Data File : VY000183.D
Acq On : 03 Oct 2019 13:20
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Sample : VSTDICC005
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Oct 04 05:36:48 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

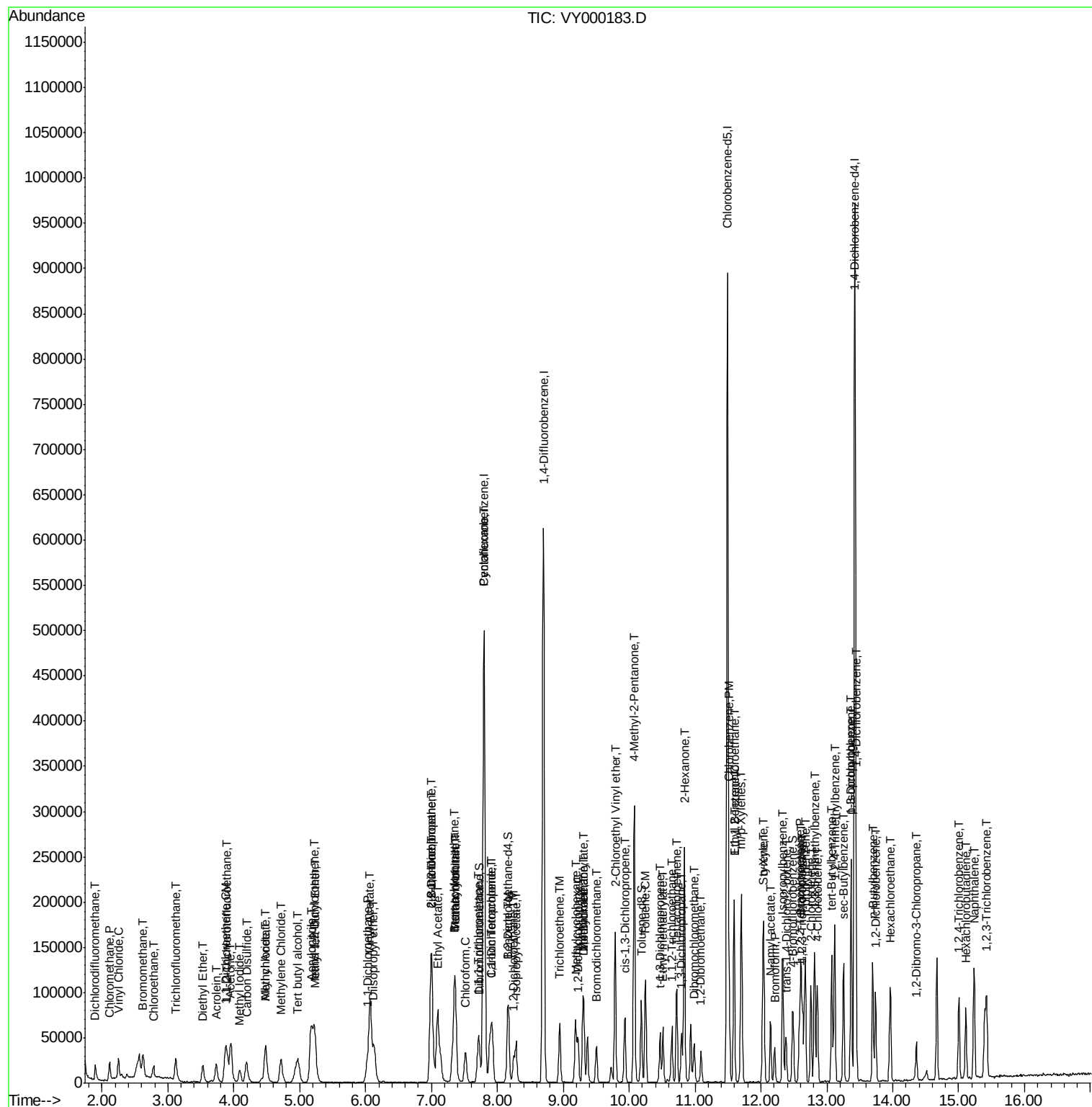
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	28861	4.714	ug/l	99
94) Hexachlorobutadiene	15.11	225	14499	5.096	ug/l	99
95) Naphthalene	15.23	128	99440	4.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	28405	4.690	ug/l	97

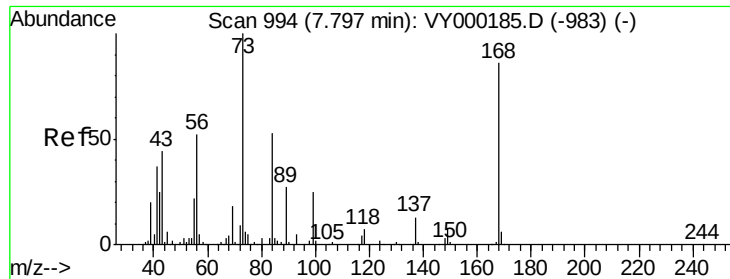
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
Data File : VY000183.D
Acq On : 03 Oct 2019 13:20
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Quant Time: Oct 04 05:36:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

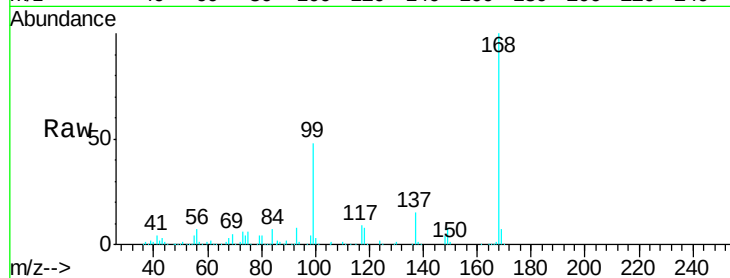
VSTDIC005

Tgt Ion:168 Resp: 377748

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VY000183.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000183.D (-945) (-)

7.80

150000

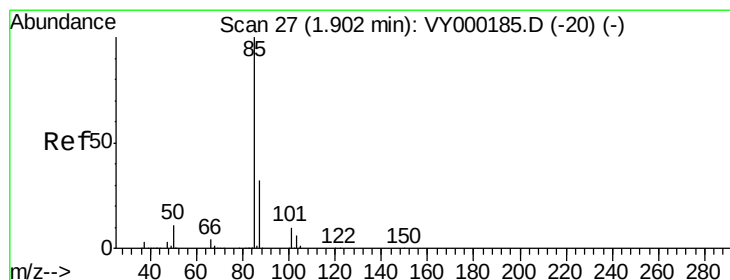
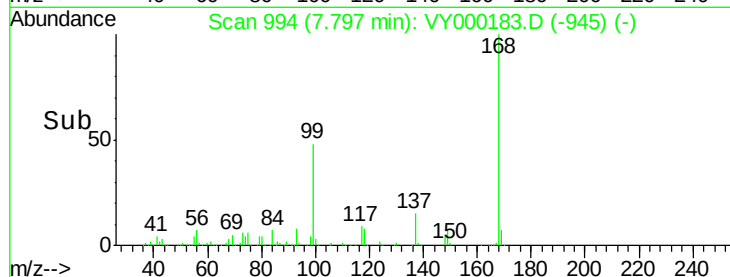
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.850 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000183.D

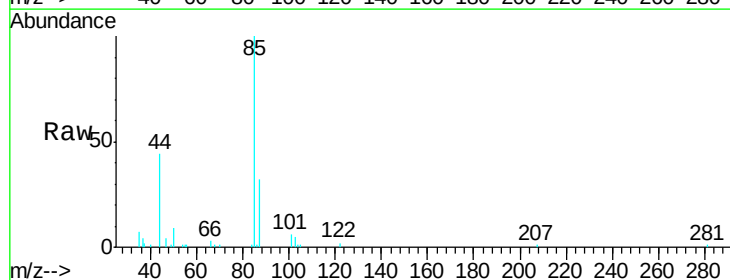
Acq: 03 Oct 2019 13:20

Tgt Ion: 85 Resp: 14714

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000183.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000183.D (-1) (-)

1.90

10000

8000

6000

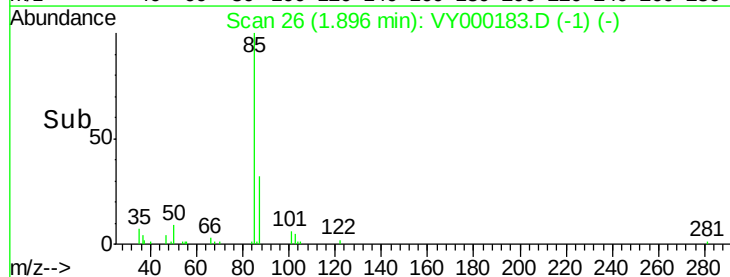
4000

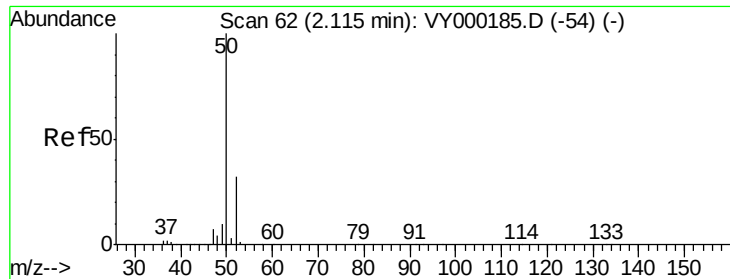
2000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 6.725 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

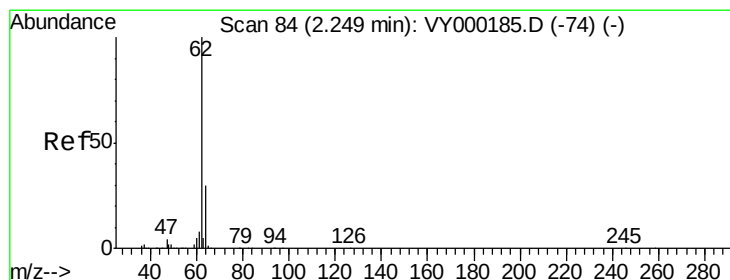
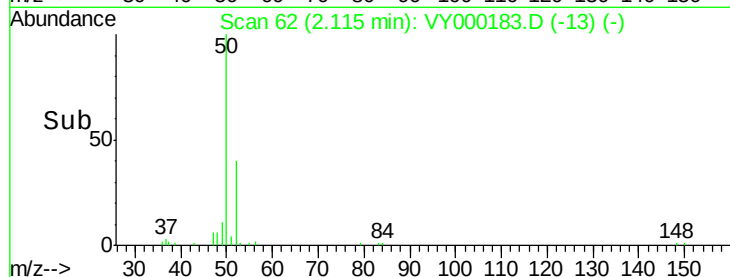
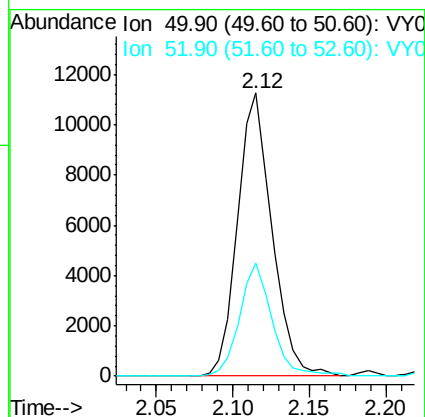
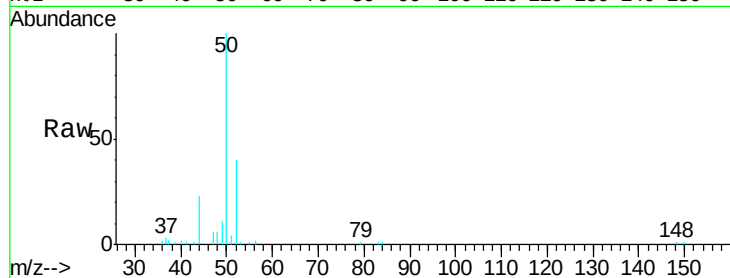
VSTDIC005

Tgt Ion: 50 Resp: 17529

Ion Ratio Lower Upper

50 100

52 39.9 25.3 37.9#



#4

Vinyl Chloride

Concen: 6.973 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000183.D

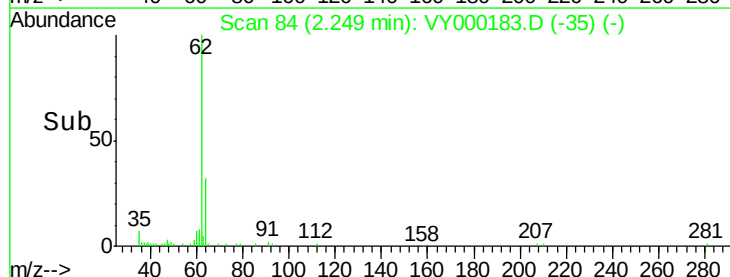
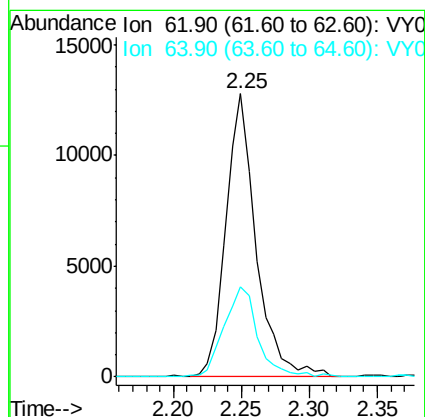
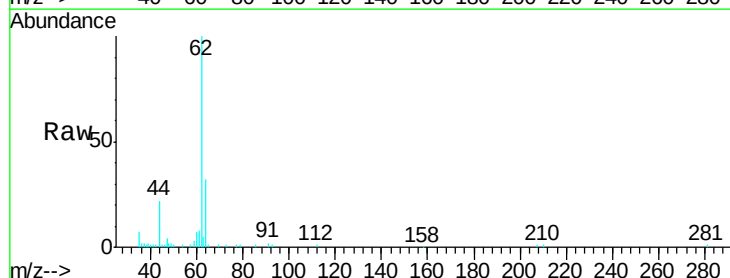
Acq: 03 Oct 2019 13:20

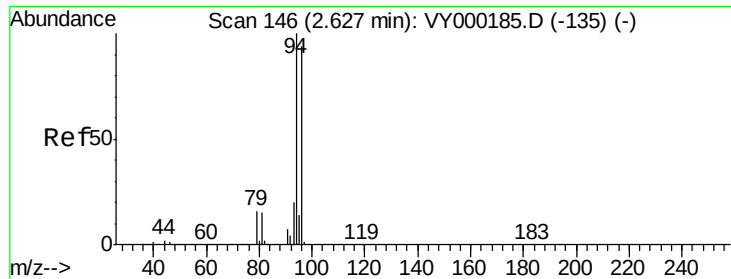
Tgt Ion: 62 Resp: 19706

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5





#5

Bromomethane

Concen: 8.883 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

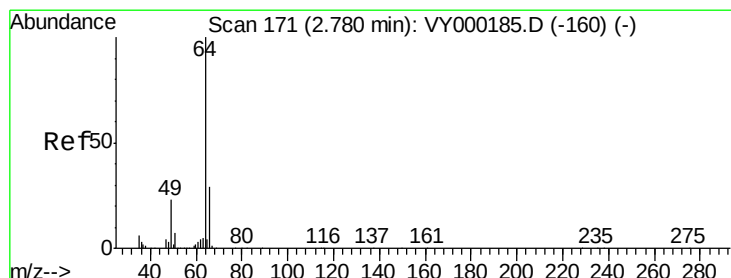
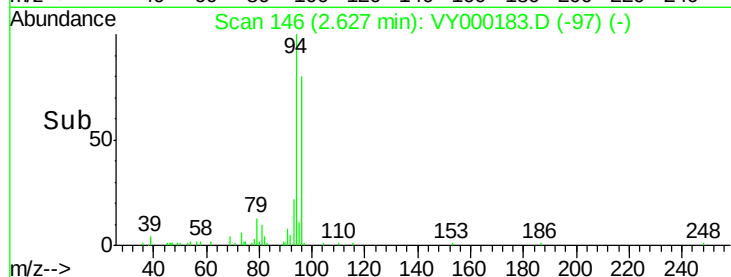
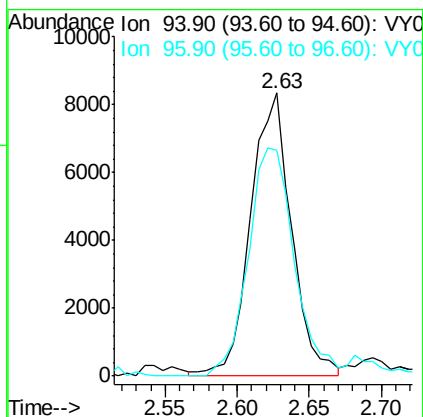
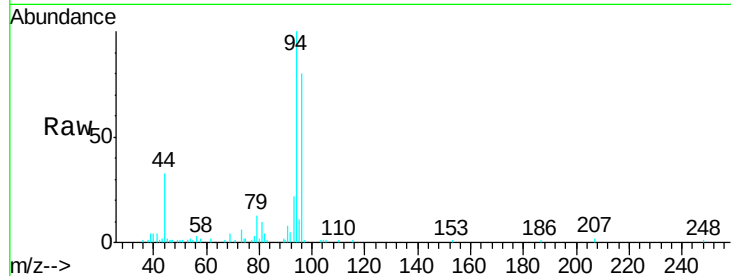
VSTDIC005

Tgt Ion: 94 Resp: 16397

Ion Ratio Lower Upper

94 100

96 80.7 75.3 112.9



#6

Chloroethane

Concen: 6.312 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000183.D

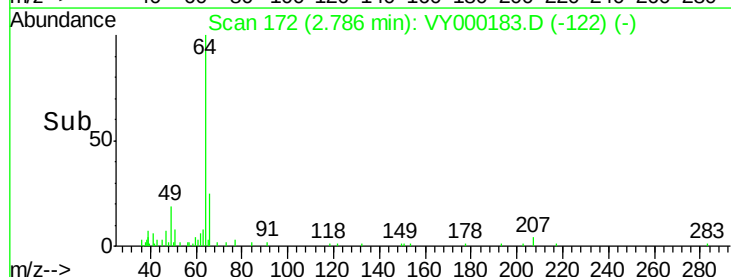
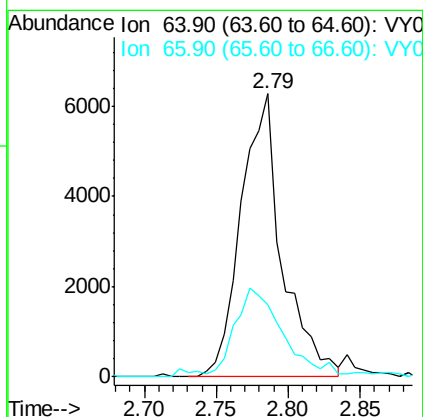
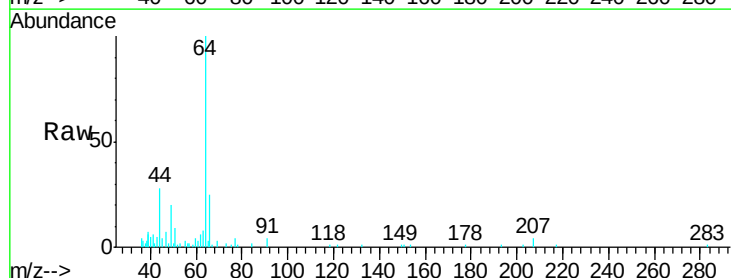
Acq: 03 Oct 2019 13:20

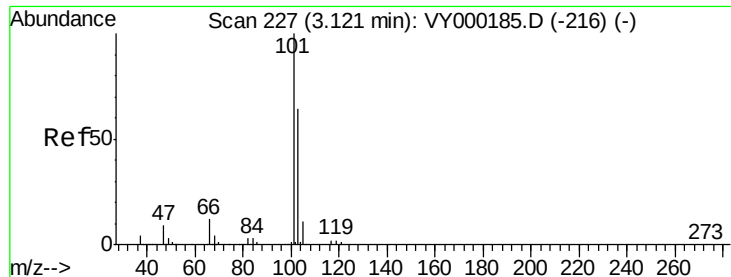
Tgt Ion: 64 Resp: 12428

Ion Ratio Lower Upper

64 100

66 24.2 23.1 34.7



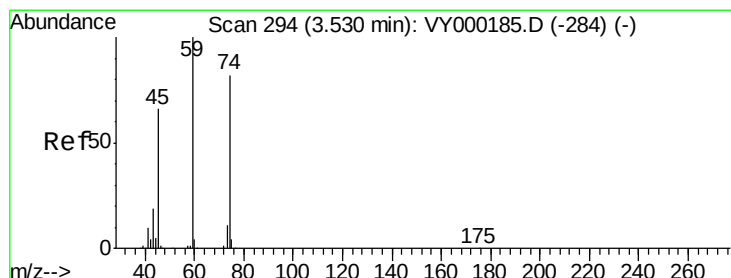
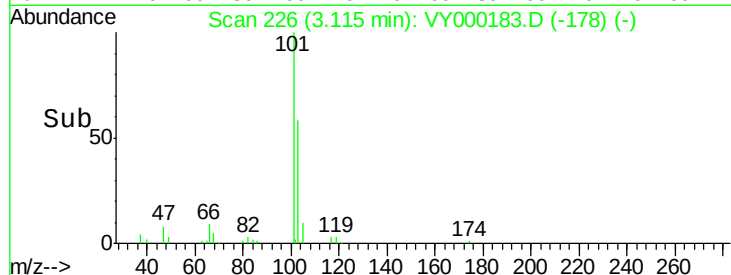
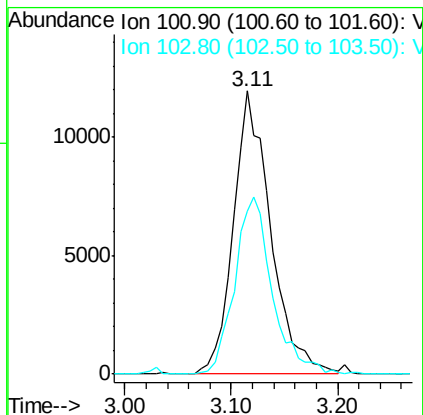
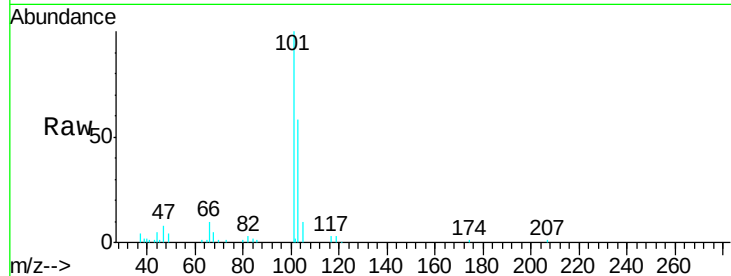


#7

Trichlorofluoromethane
 Concen: 6.509 ug/l
 RT: 3.11 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

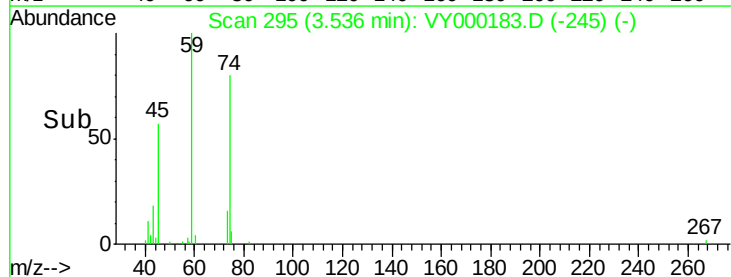
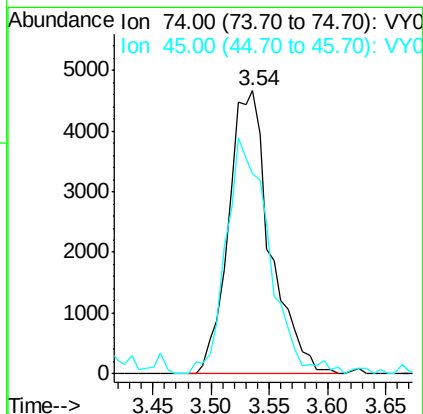
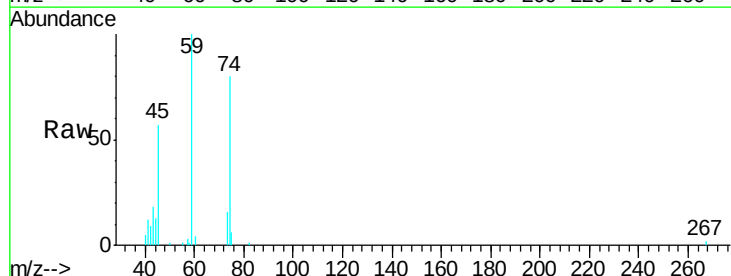
Tgt Ion: 101 Resp: 29357
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.3 76.9

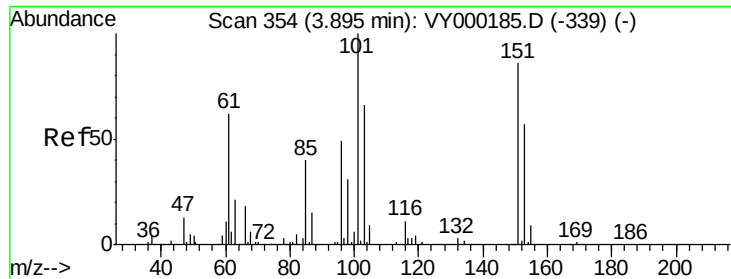


#8

Diethyl Ether
 Concen: 5.817 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion: 74 Resp: 11610
 Ion Ratio Lower Upper
 74 100
 45 84.3 40.6 121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.871 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

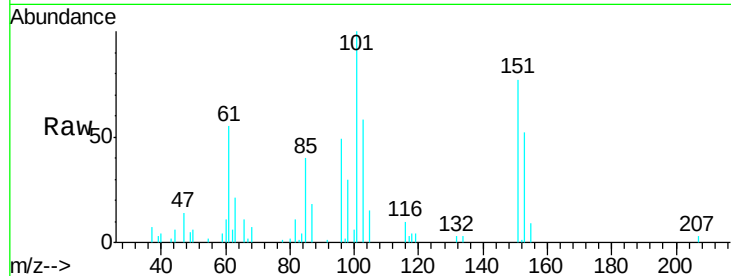
Tgt Ion:101 Resp: 16741

Ion Ratio Lower Upper

101 100

85 46.4 33.8 50.6

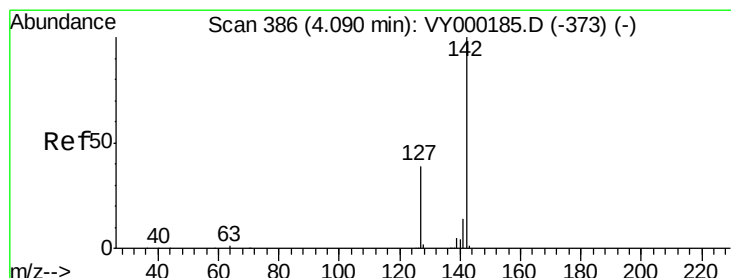
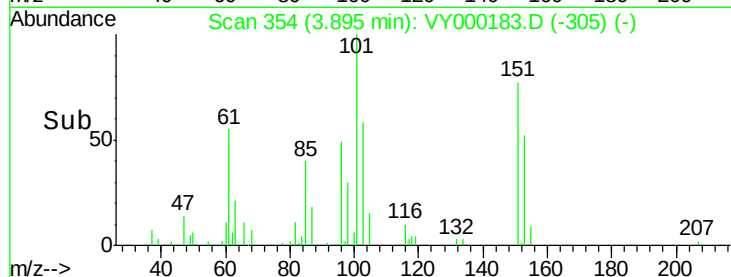
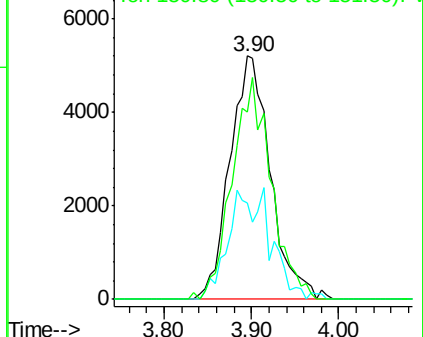
151 87.4 69.7 104.5



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: 5.673 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

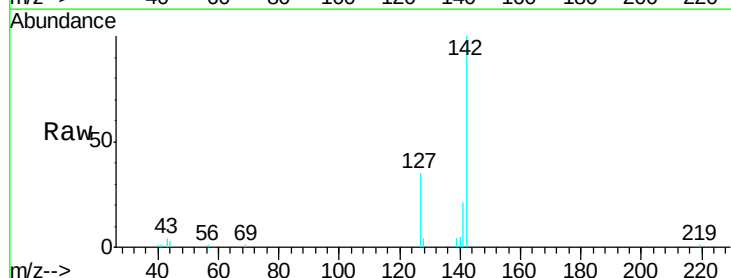
Tgt Ion:142 Resp: 21980

Ion Ratio Lower Upper

142 100

127 38.1 31.7 47.5

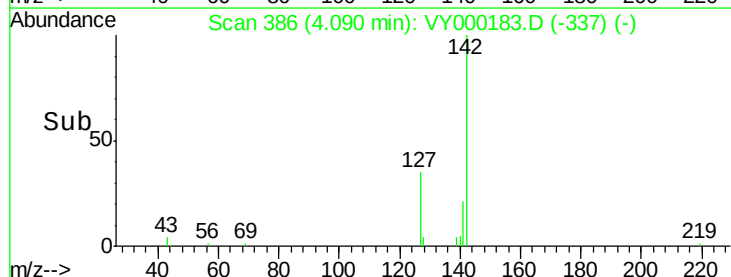
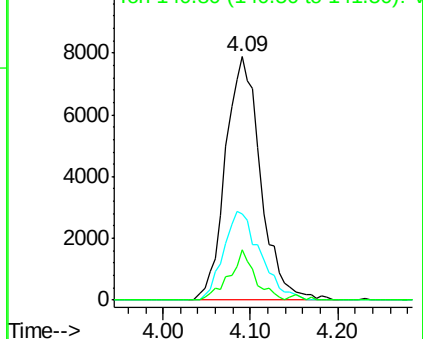
141 15.2 11.0 16.6

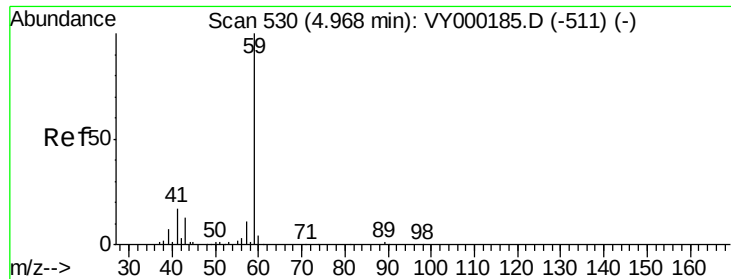


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



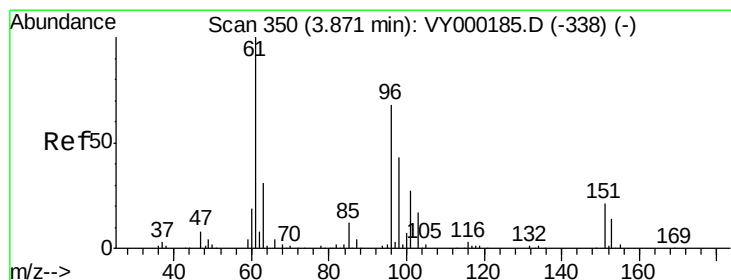
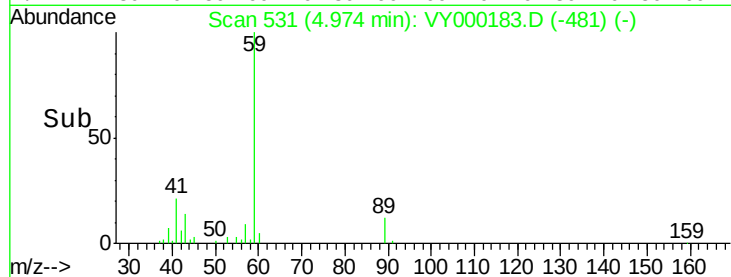
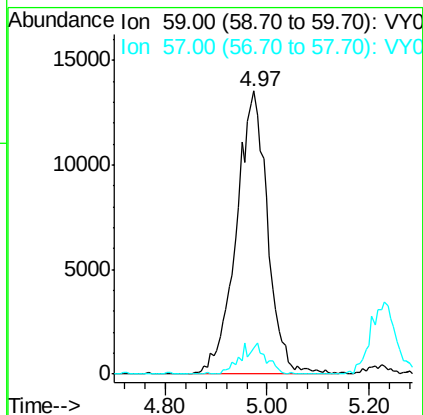
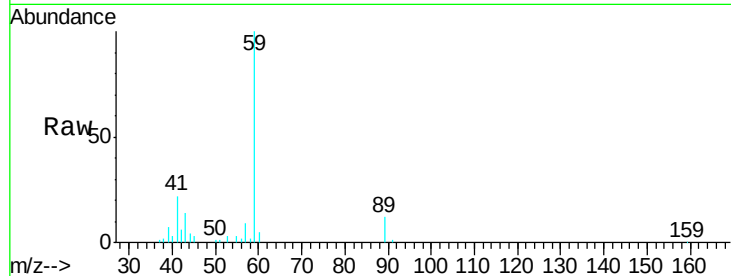


#11

Tert butyl alcohol
Concen: 30.518 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

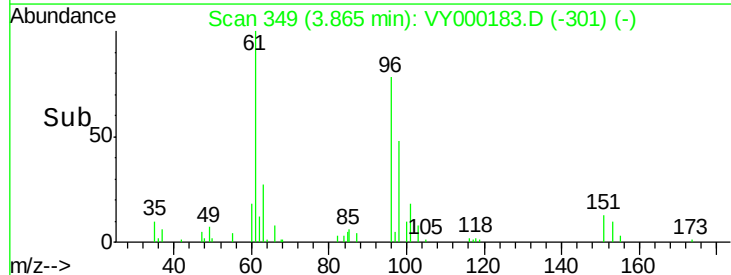
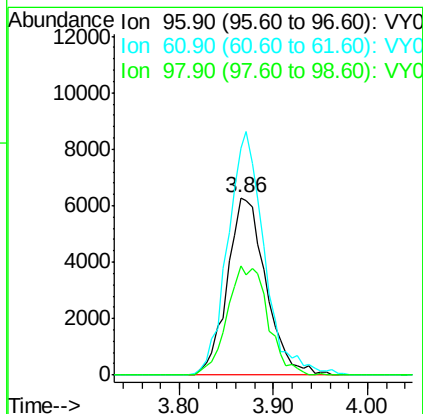
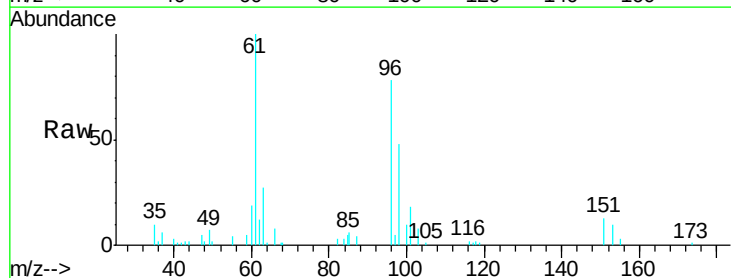
Tgt Ion: 59 Resp: 57752
Ion Ratio Lower Upper
59 100
57 4.6 7.8 11.8#

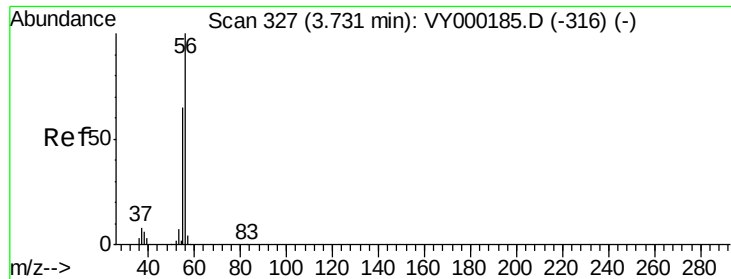


#12

1,1-Dichloroethene
Concen: 6.667 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 96 Resp: 17873
Ion Ratio Lower Upper
96 100
61 128.2 117.1 175.7
98 61.5 50.3 75.5





#13

Acrolein

Concen: 30.697 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

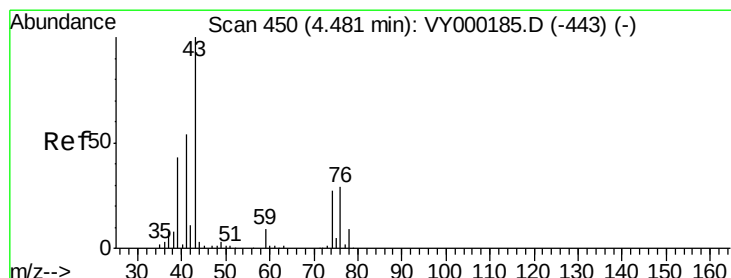
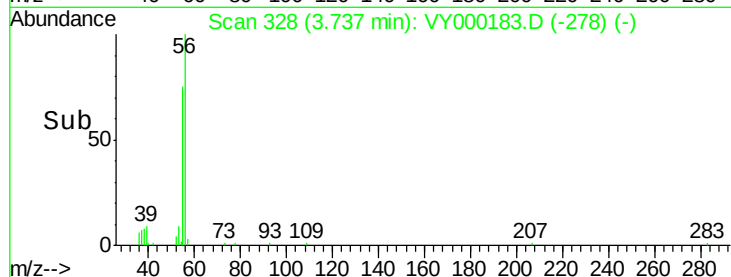
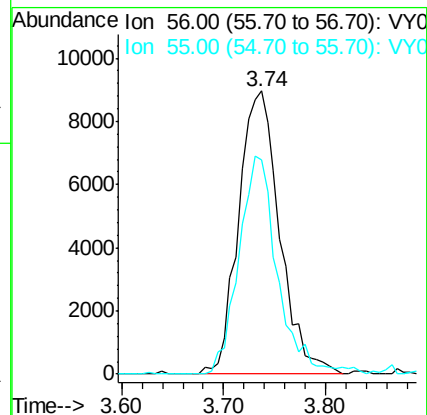
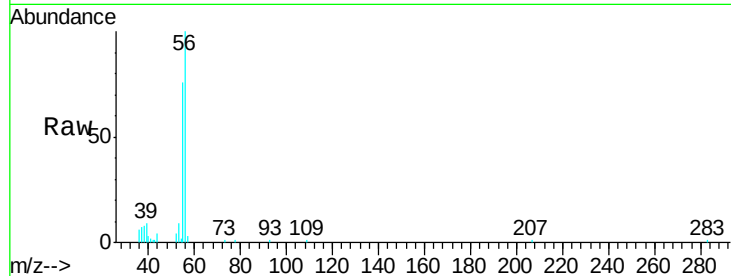
VSTDIC005

Tgt Ion: 56 Resp: 25027

Ion Ratio Lower Upper

56 100

55 71.6 55.5 83.3



#14

Allyl chloride

Concen: 6.311 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

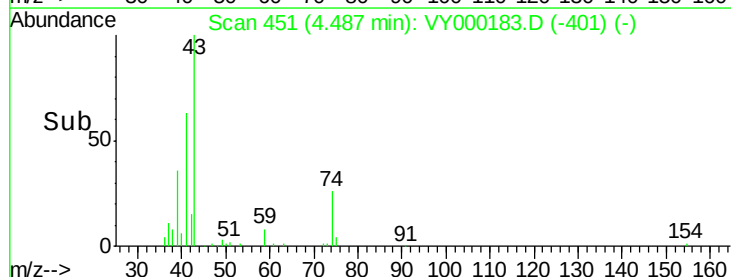
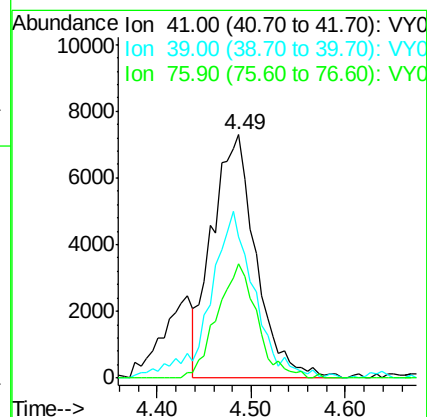
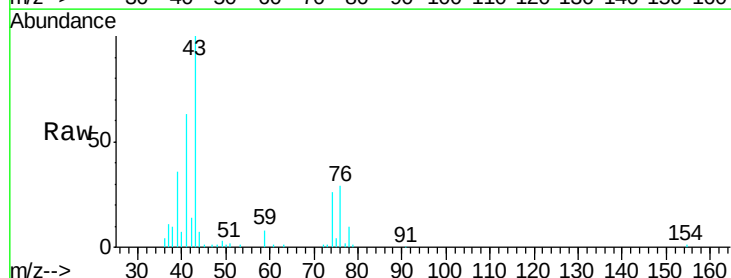
Tgt Ion: 41 Resp: 23571

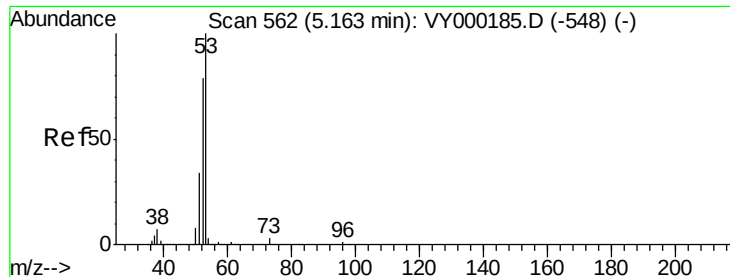
Ion Ratio Lower Upper

41 100

39 69.6 61.8 92.6

76 42.5 36.2 54.4





#15

Acrylonitrile

Concen: 26.709 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

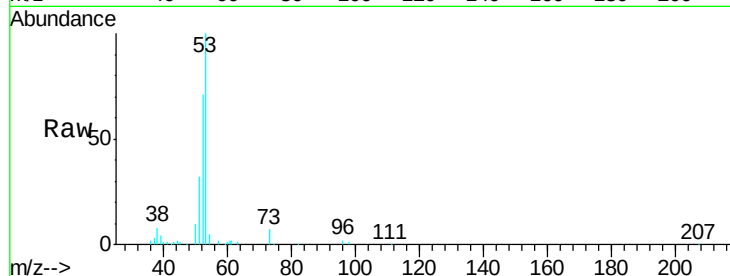
Tgt Ion: 53 Resp: 81186

Ion Ratio Lower Upper

53 100

52 79.4 64.8 97.2

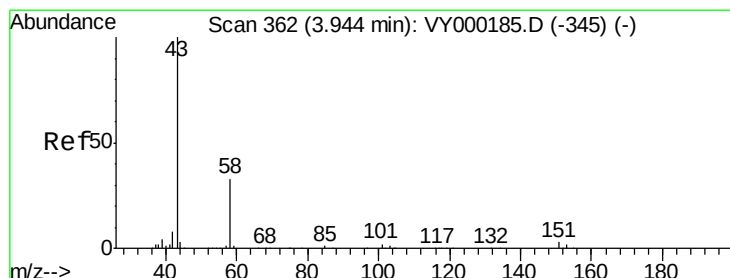
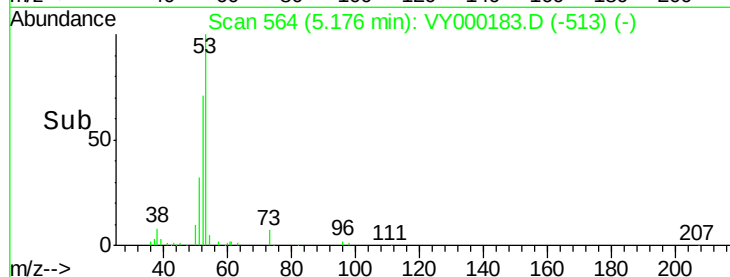
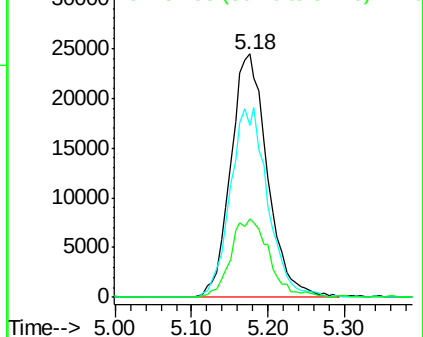
51 34.1 27.7 41.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 28.307 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000183.D

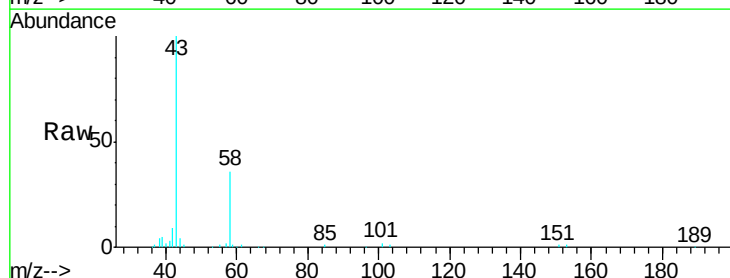
Acq: 03 Oct 2019 13:20

Tgt Ion: 43 Resp: 71402

Ion Ratio Lower Upper

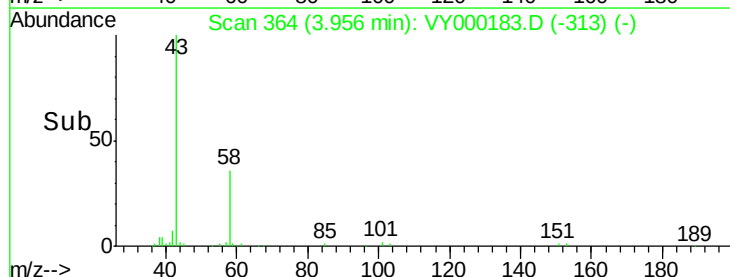
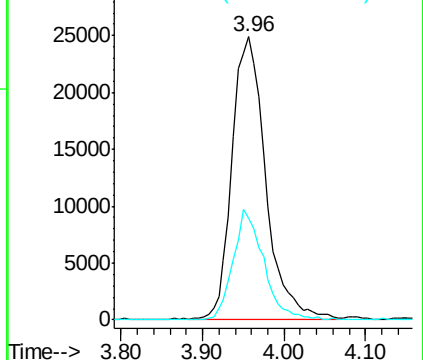
43 100

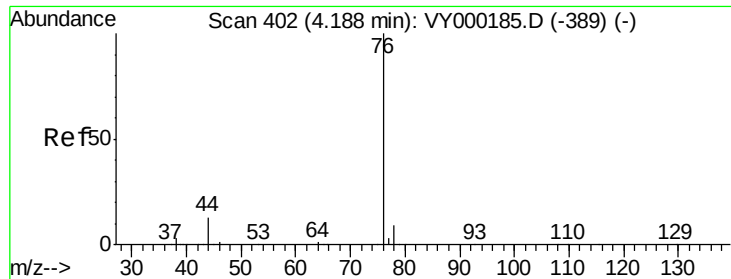
58 36.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 8.431 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

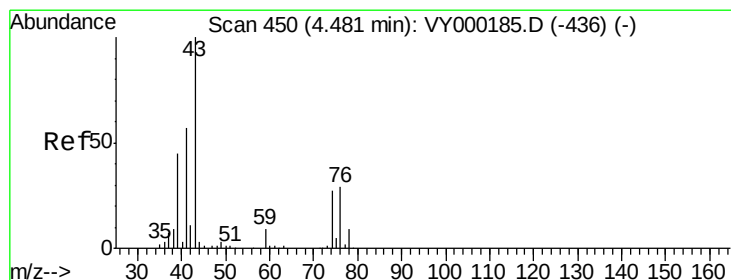
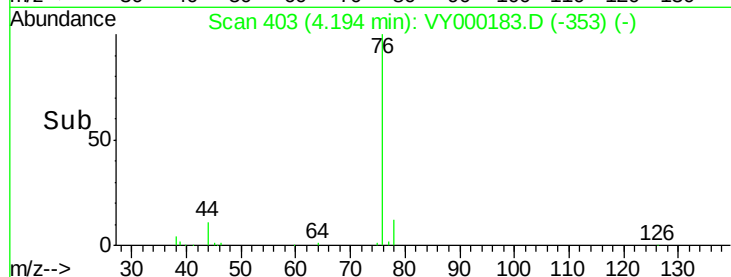
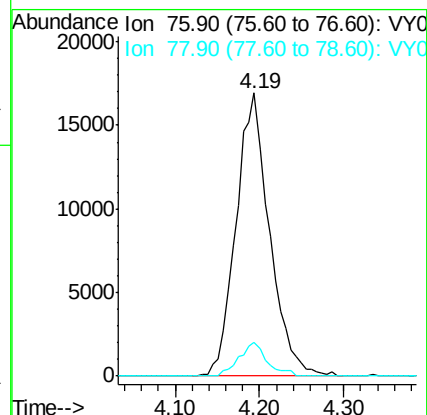
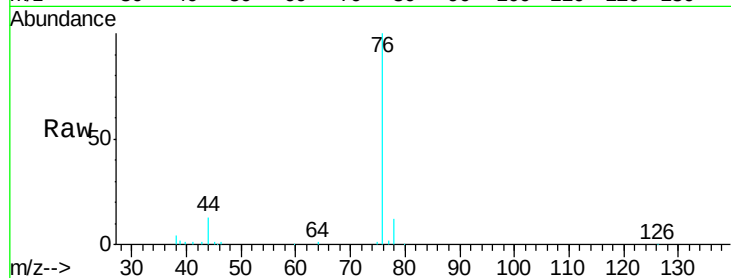
VSTDIC005

Tgt Ion: 76 Resp: 45529

Ion Ratio Lower Upper

76 100

78 12.1 7.6 11.4#



#18

Methyl Acetate

Concen: 5.251 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000183.D

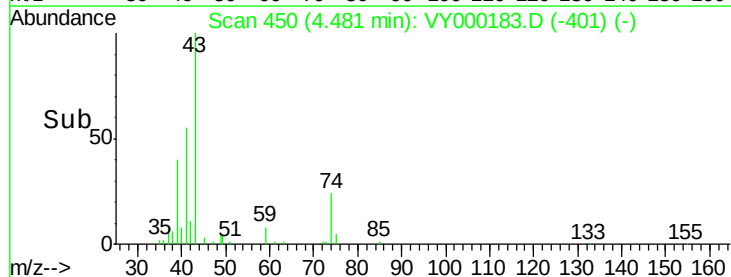
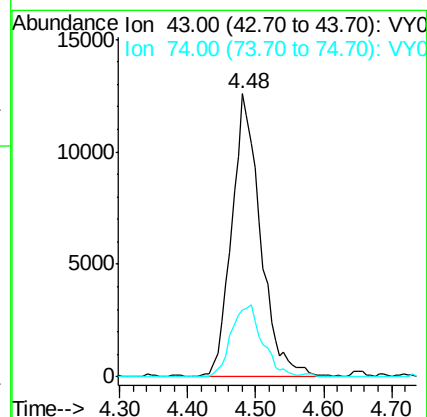
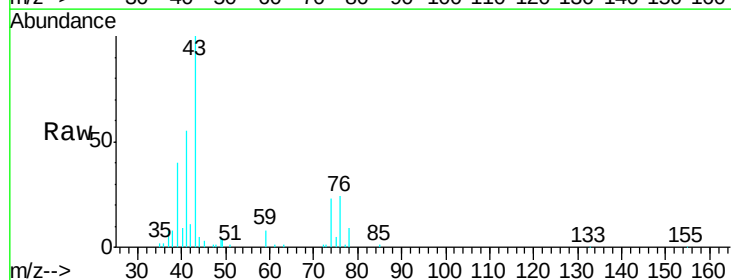
Acq: 03 Oct 2019 13:20

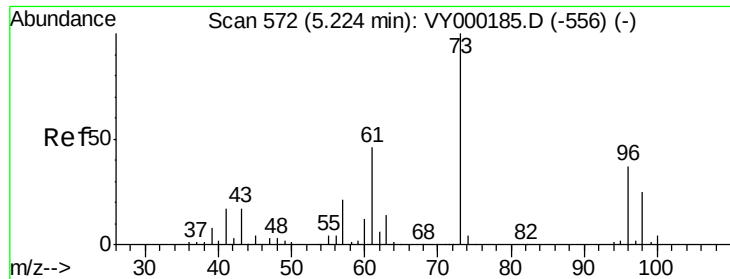
Tgt Ion: 43 Resp: 36996

Ion Ratio Lower Upper

43 100

74 27.3 22.3 33.5

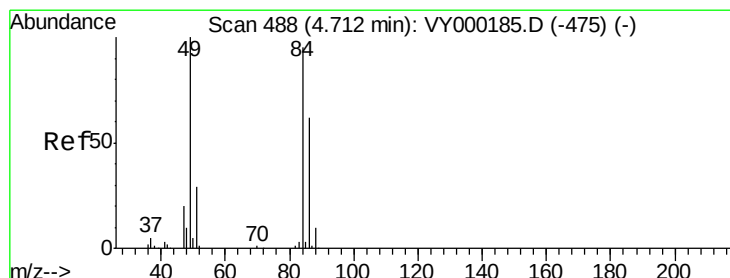
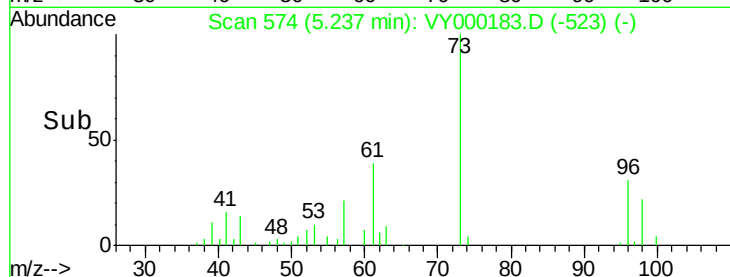
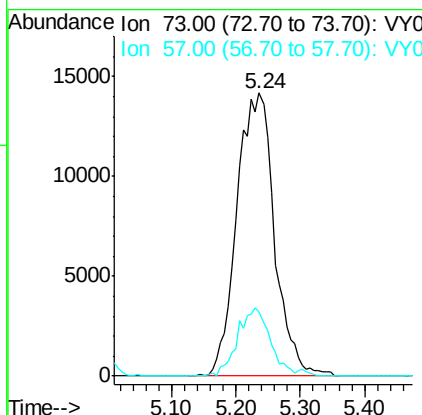
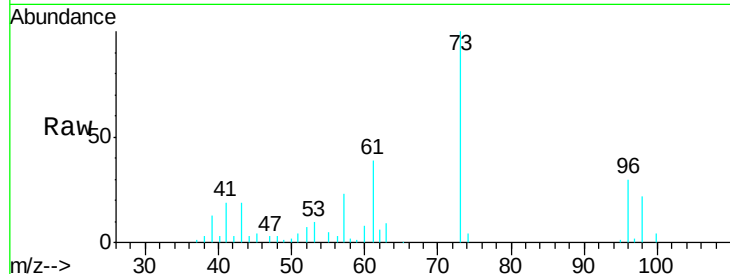




#19
Methyl tert-butyl Ether
Concen: 5.284 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

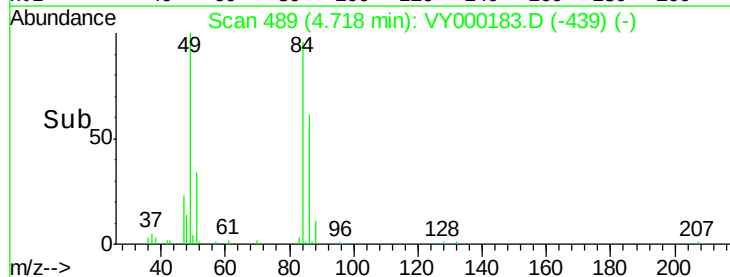
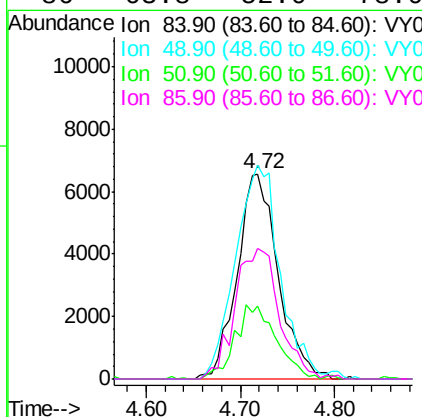
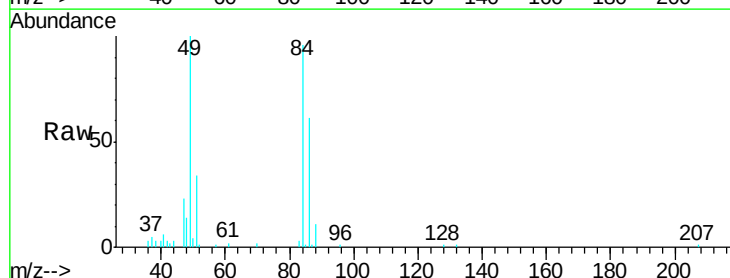
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

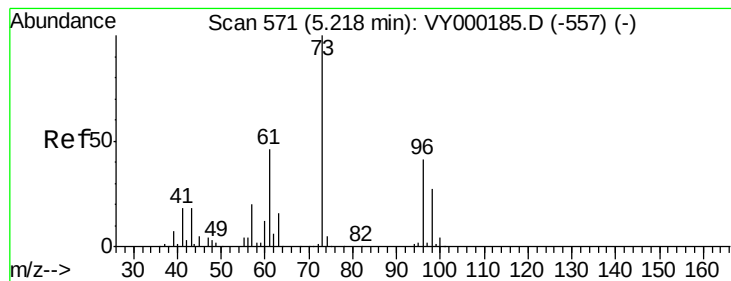
Tgt Ion: 73 Resp: 57169
Ion Ratio Lower Upper
73 100
57 23.0 16.9 25.3



#20
Methylene Chloride
Concen: 6.060 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 84 Resp: 20012
Ion Ratio Lower Upper
84 100
49 104.0 84.2 126.4
51 35.8 24.6 37.0
86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 6.463 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

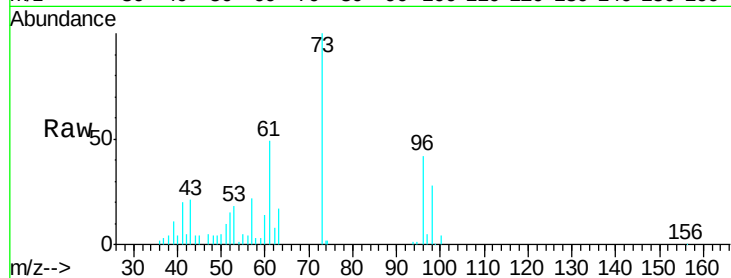
Tgt Ion: 96 Resp: 18686

Ion Ratio Lower Upper

96 100

61 117.2 91.4 137.0

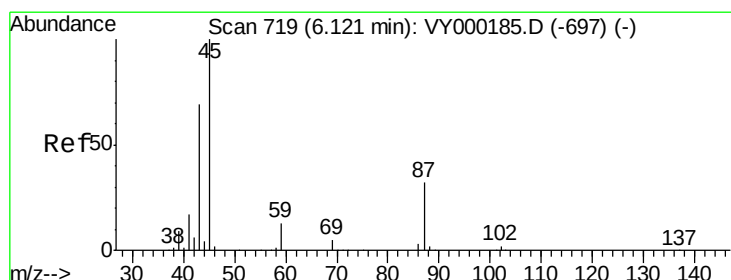
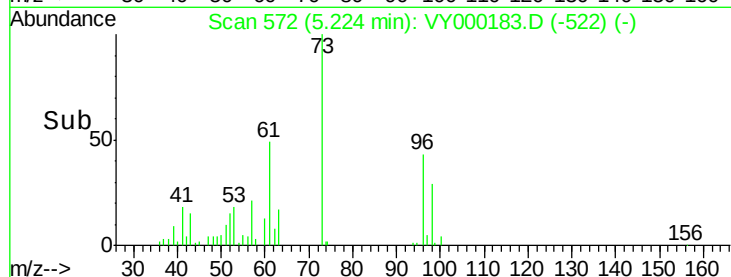
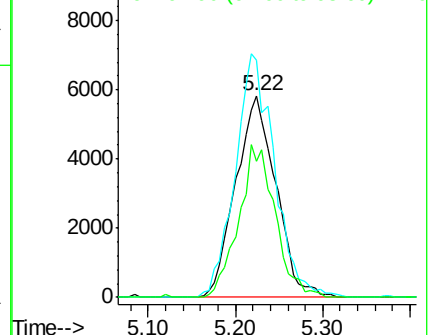
98 67.2 52.5 78.7



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: 5.169 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Tgt Ion: 45 Resp: 51204

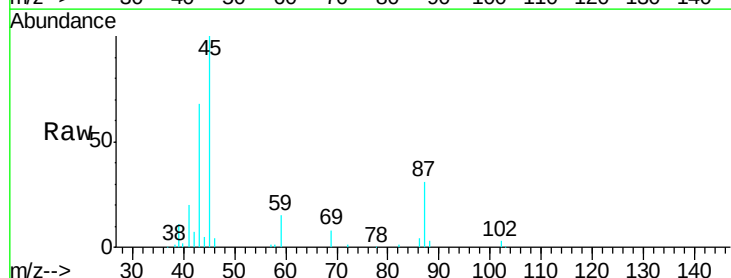
Ion Ratio Lower Upper

45 100

43 67.4 55.4 83.0

87 31.1 25.8 38.8

59 14.9 10.1 15.1

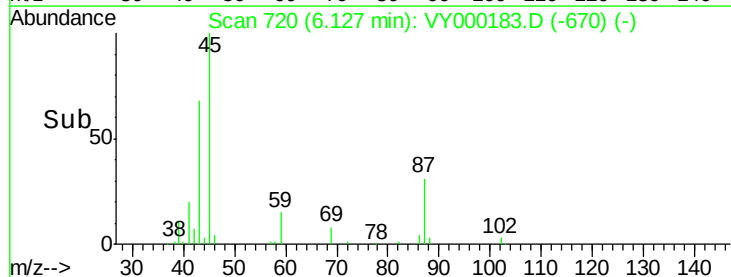
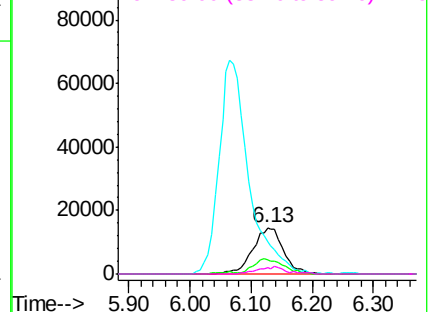


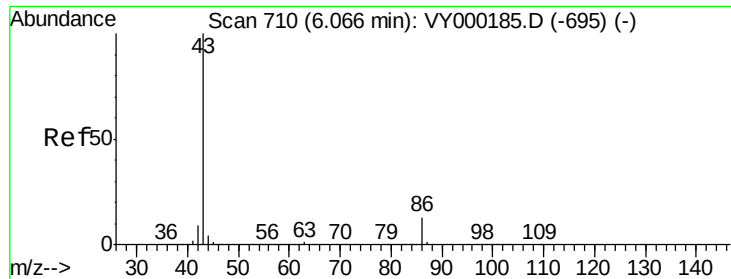
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 26.995 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

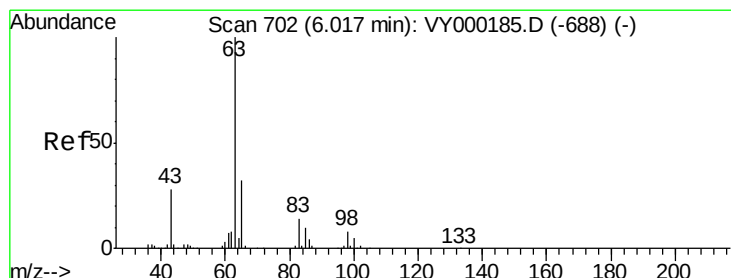
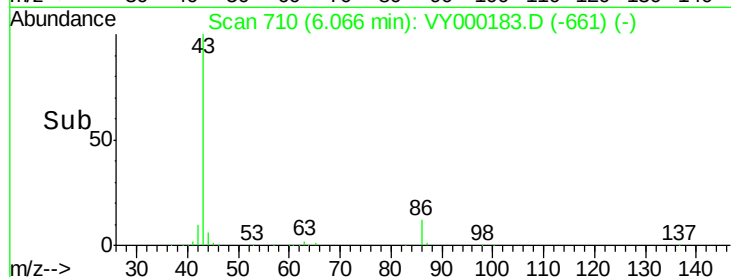
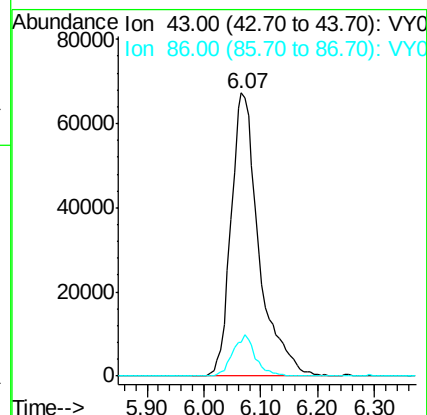
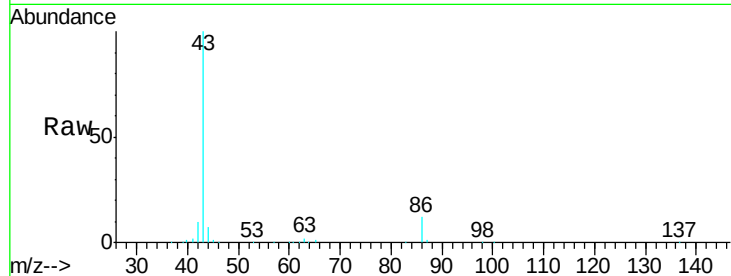
VSTDIC005

Tgt Ion: 43 Resp: 229935

Ion Ratio Lower Upper

43 100

86 12.0 10.2 15.2



#24

1,1-Dichloroethane

Concen: 5.658 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

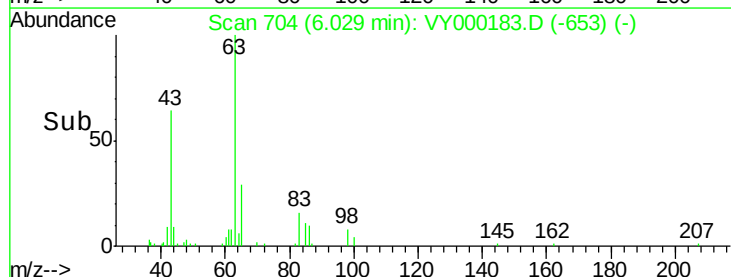
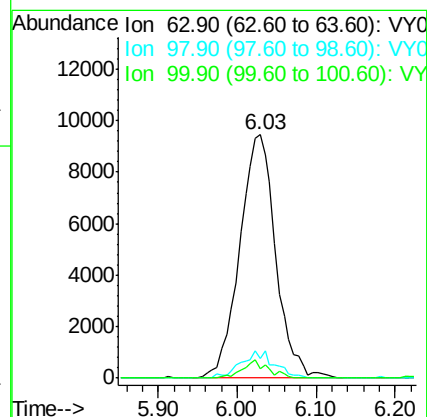
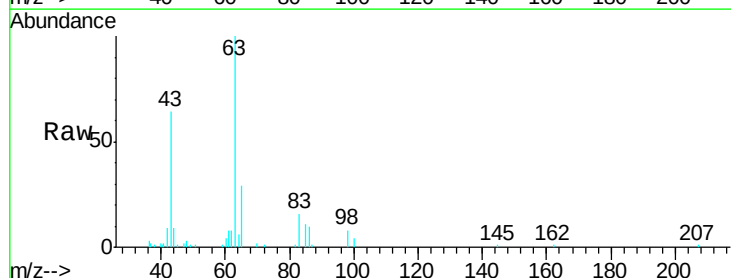
Tgt Ion: 63 Resp: 29987

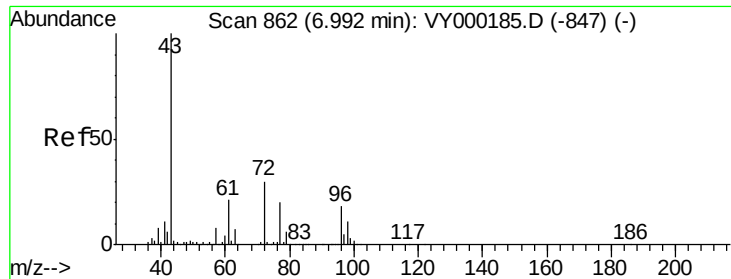
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 3.8 2.3 6.9





#25

2-Butanone

Concen: 26.326 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

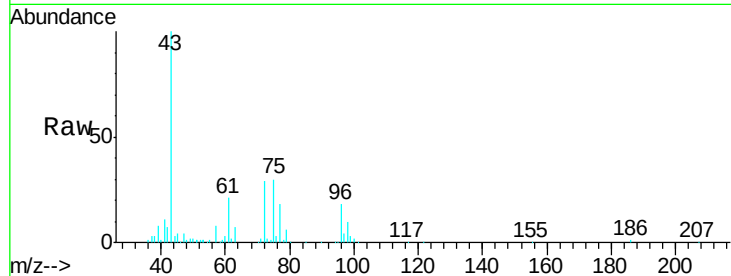
VSTDIC005

Tgt Ion: 43 Resp: 118060

Ion Ratio Lower Upper

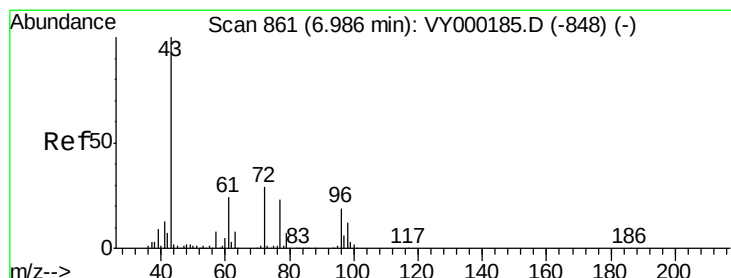
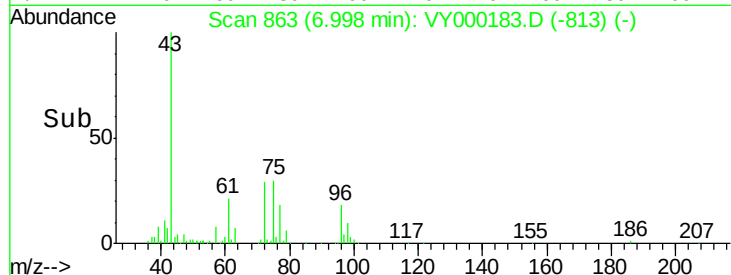
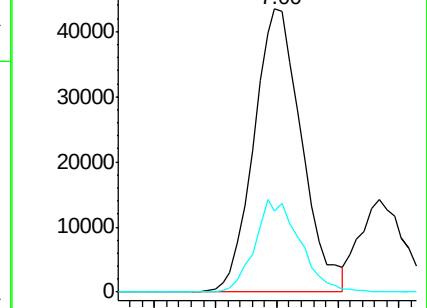
43 100

72 28.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.912 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000183.D

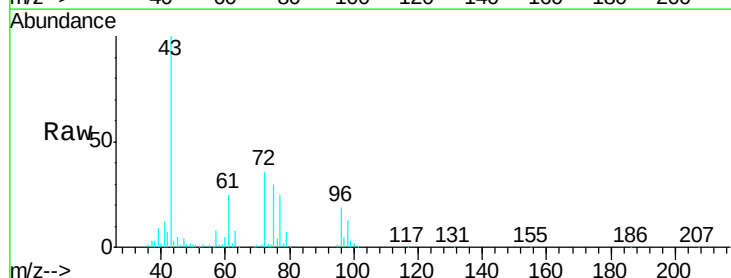
Acq: 03 Oct 2019 13:20

Tgt Ion: 77 Resp: 30482

Ion Ratio Lower Upper

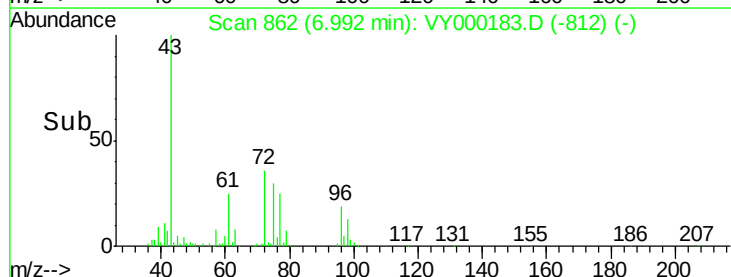
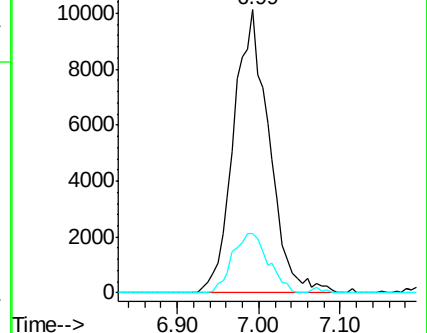
77 100

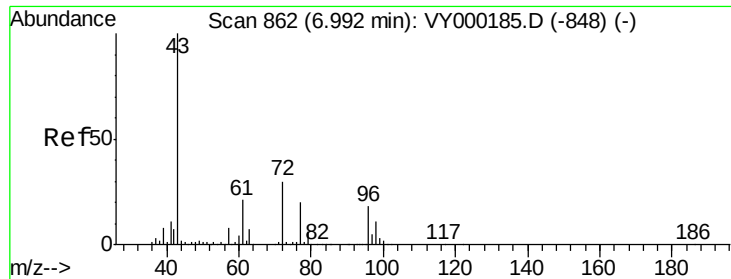
97 21.2 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



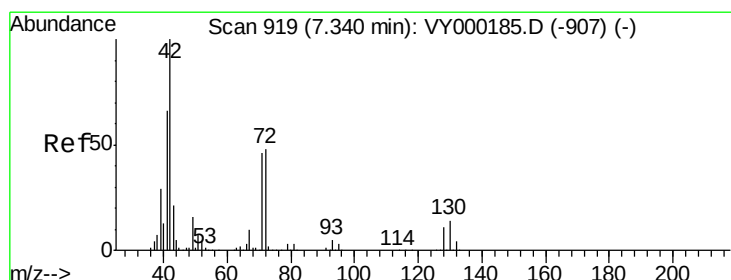
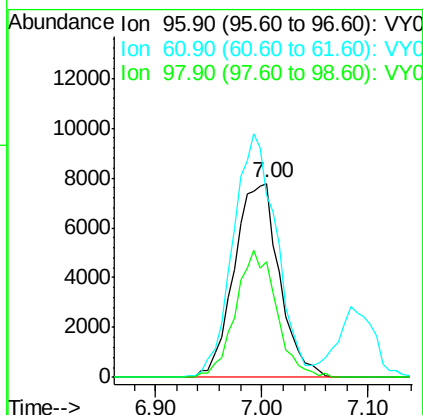
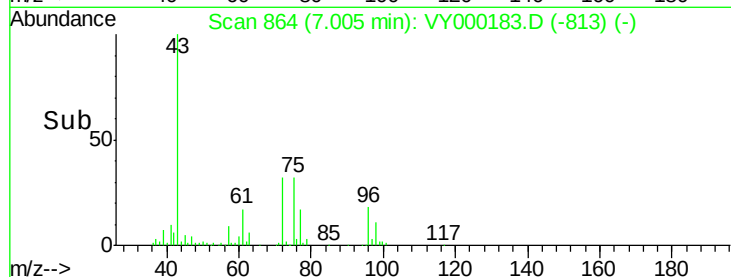
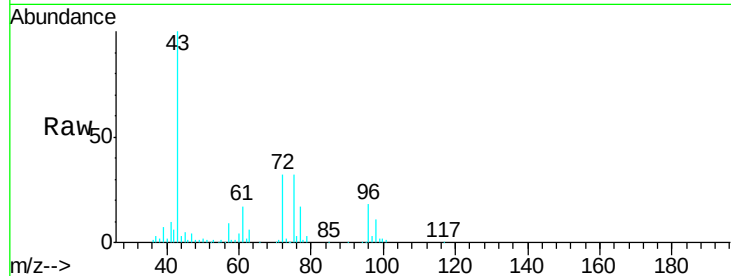


#27

cis-1,2-Dichloroethene
Concen: 6.091 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

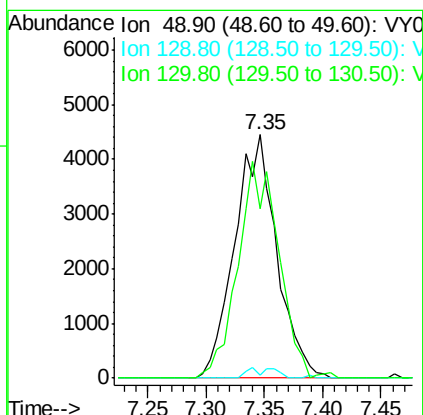
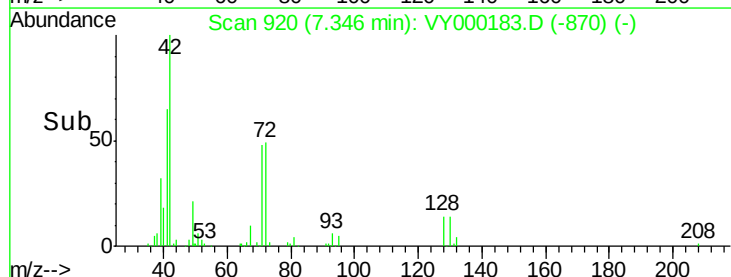
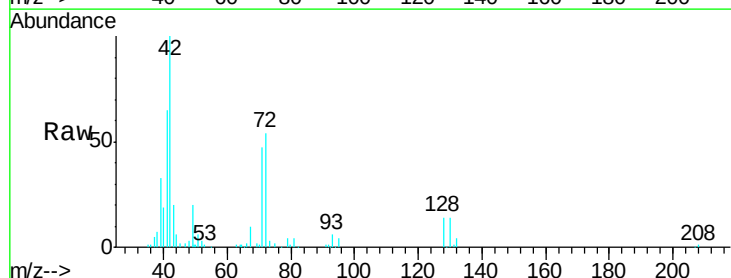
Tgt Ion: 96 Resp: 23160
Ion Ratio Lower Upper
96 100
61 120.6 0.0 251.4
98 58.9 0.0 129.4

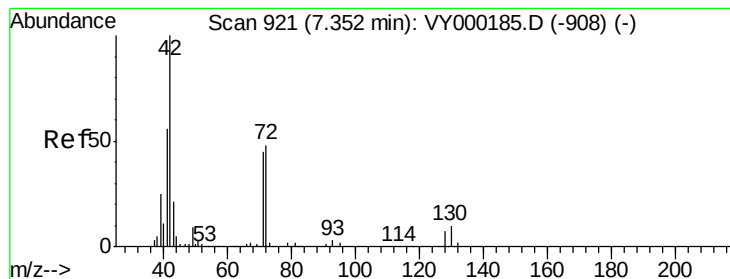


#28

Bromochloromethane
Concen: 5.358 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 49 Resp: 11175
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.4
130 86.2 74.2 111.4





#29

Tetrahydrofuran

Concen: 25.921 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

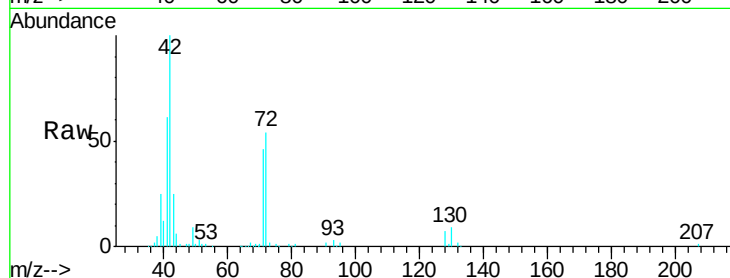
Tgt Ion: 42 Resp: 77559

Ion Ratio Lower Upper

42 100

72 54.0 39.3 58.9

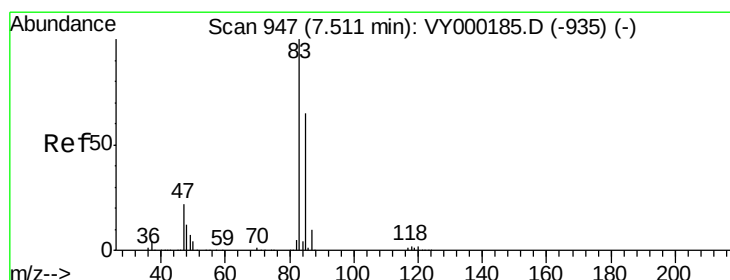
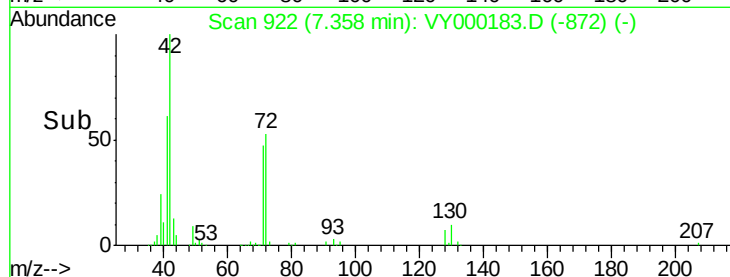
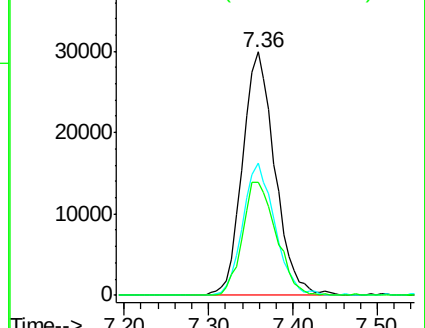
71 48.4 36.7 55.1



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 5.435 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: VY000183.D

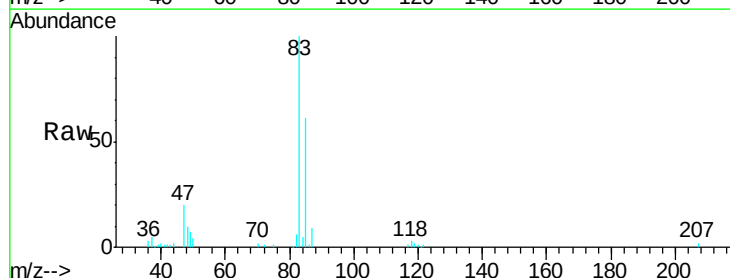
Acq: 03 Oct 2019 13:20

Tgt Ion: 83 Resp: 32996

Ion Ratio Lower Upper

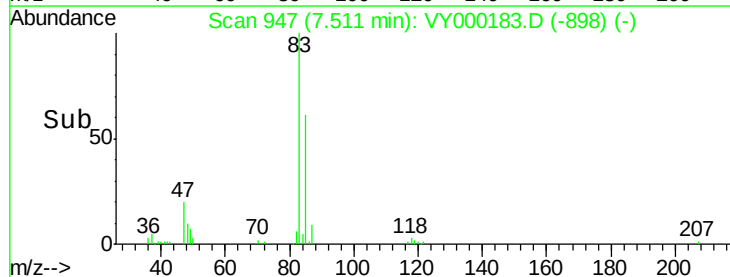
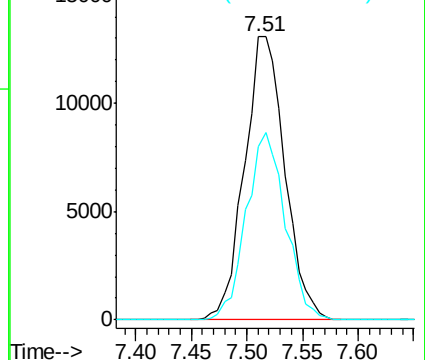
83 100

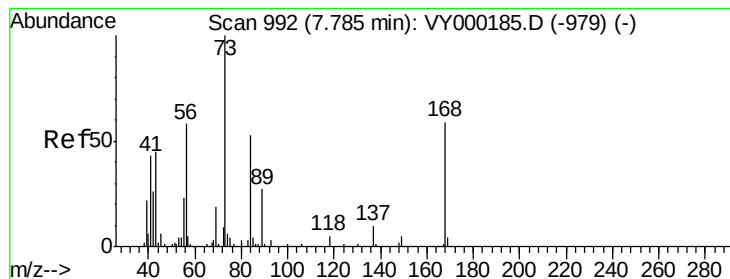
85 61.5 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 8.154 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

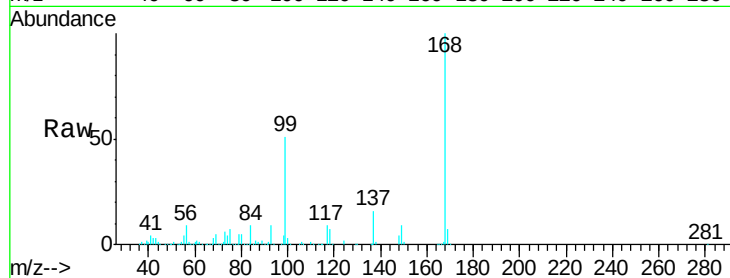
Tgt Ion: 56 Resp: 31684

Ion Ratio Lower Upper

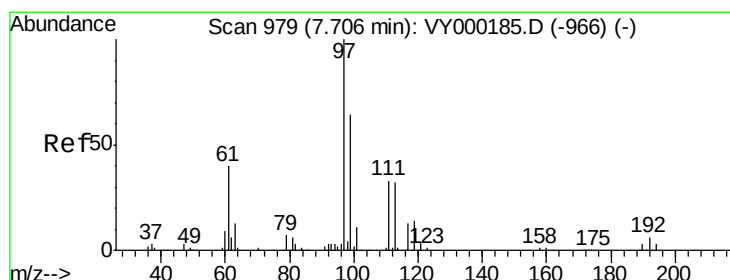
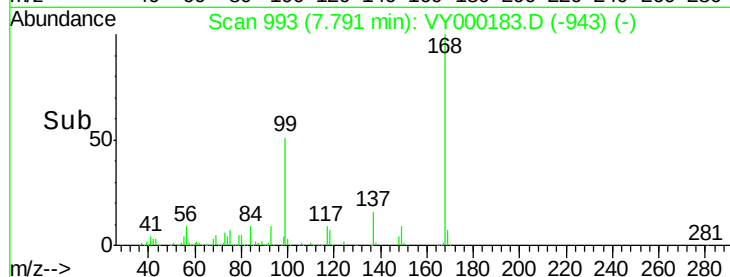
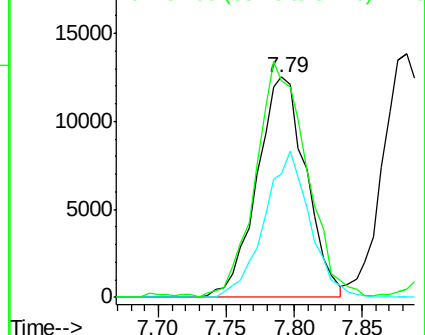
56 100

69 56.1 26.1 39.1#

84 97.1 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 5.669 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

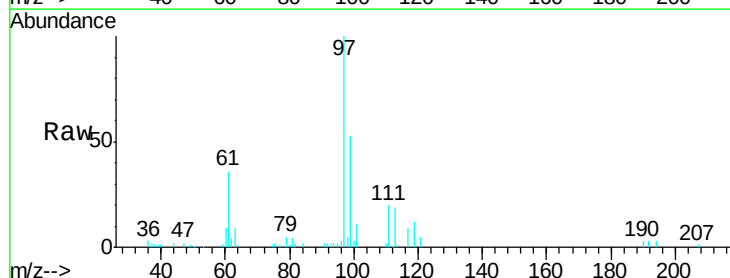
Tgt Ion: 97 Resp: 29369

Ion Ratio Lower Upper

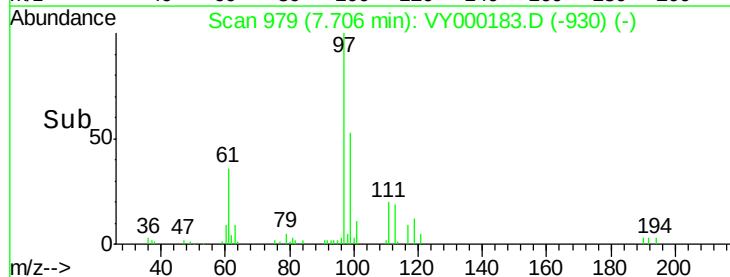
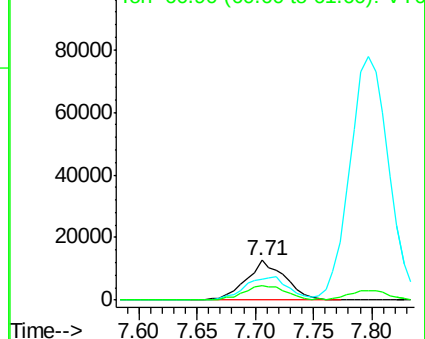
97 100

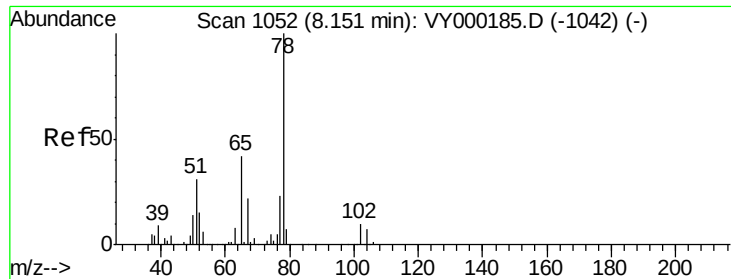
99 65.8 51.8 77.8

61 40.8 31.2 46.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

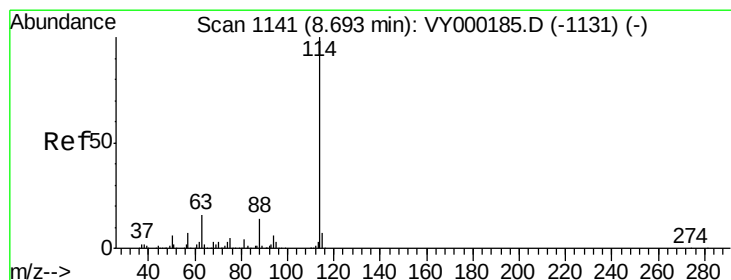
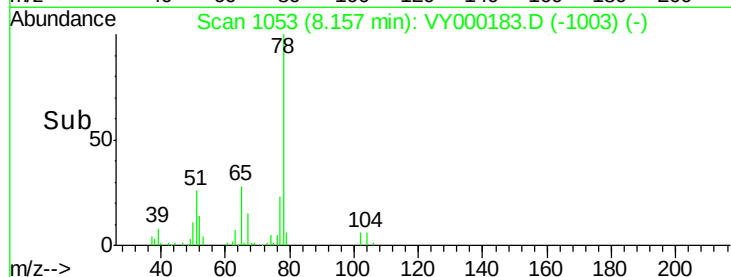
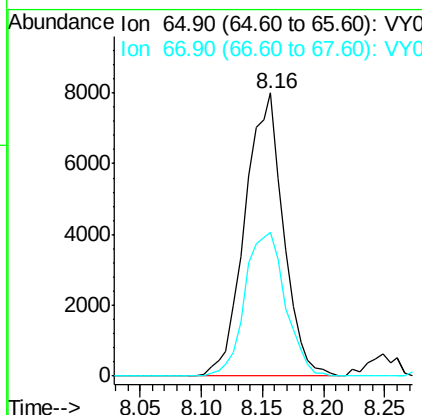
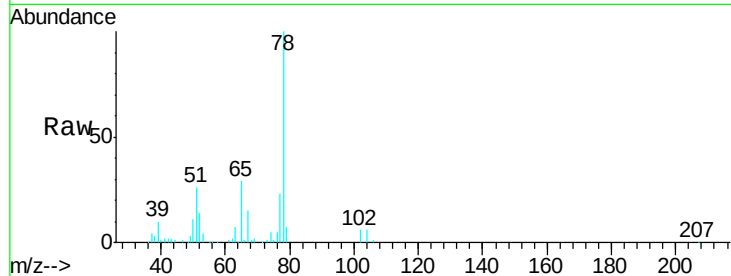




#33
 1,2-Dichloroethane-d4
 Concen: 4.428 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

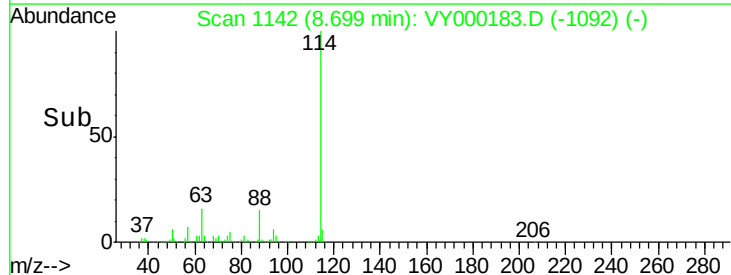
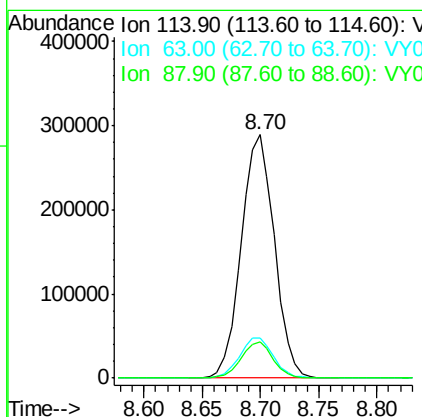
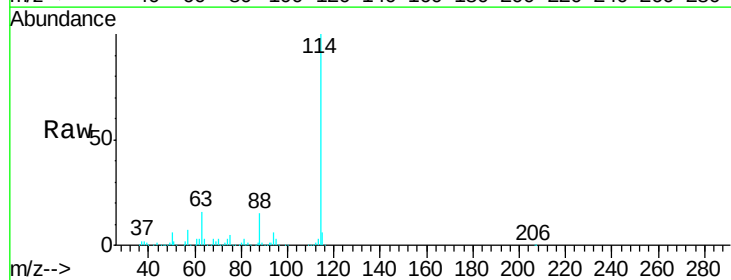
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

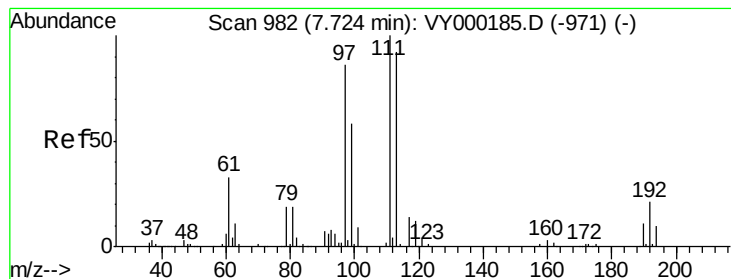
Tgt Ion: 65 Resp: 17485
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion: 114 Resp: 574127
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 33.0
 88 14.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 4.507 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

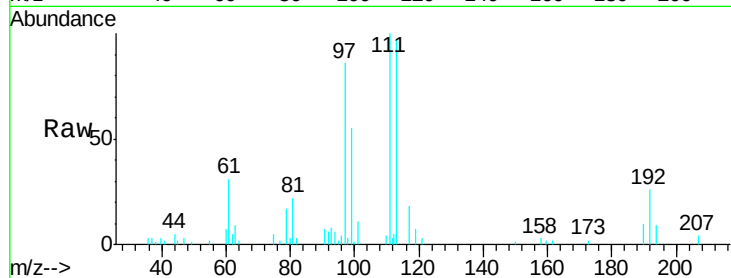
Tgt Ion: 113 Resp: 16052

Ion Ratio Lower Upper

113 100

111 101.5 83.6 125.4

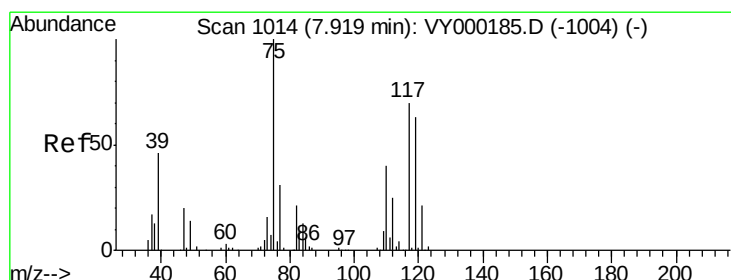
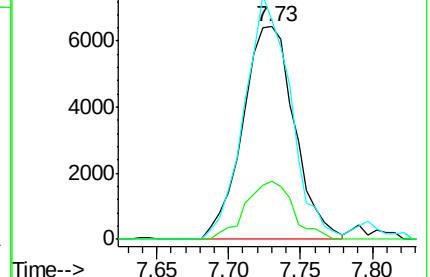
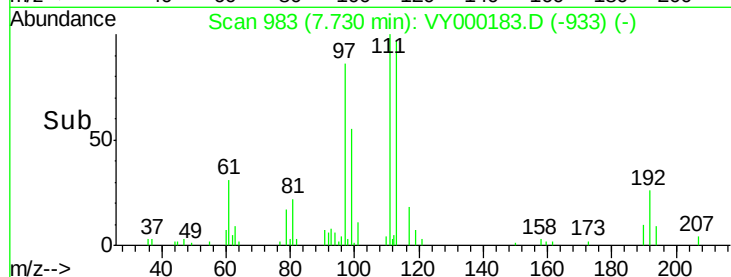
192 24.9 18.4 27.6



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



#36

1,1-Dichloropropene

Concen: 6.418 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

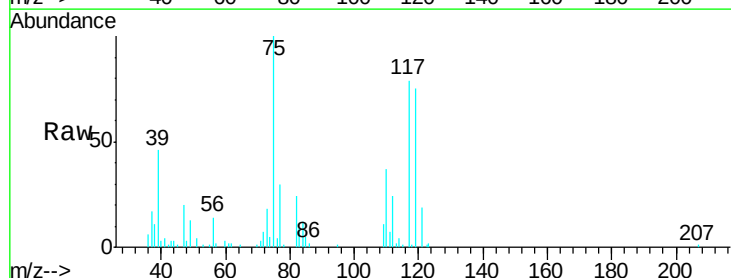
Tgt Ion: 75 Resp: 24134

Ion Ratio Lower Upper

75 100

110 40.0 20.4 61.2

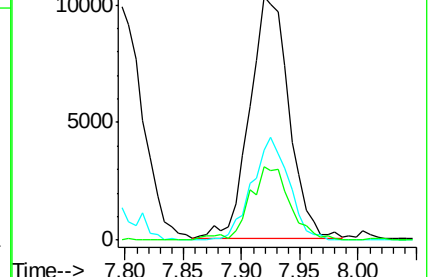
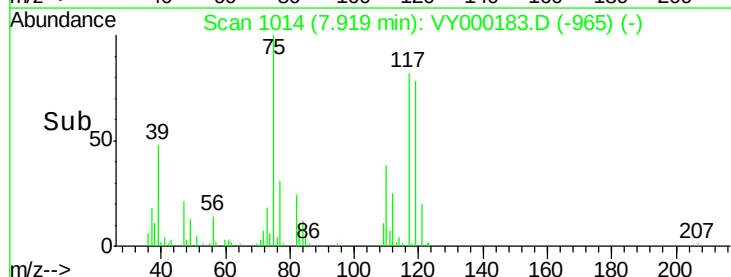
77 31.3 24.8 37.2

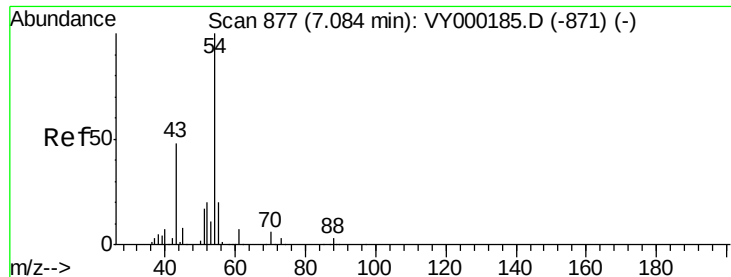


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 5.180 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

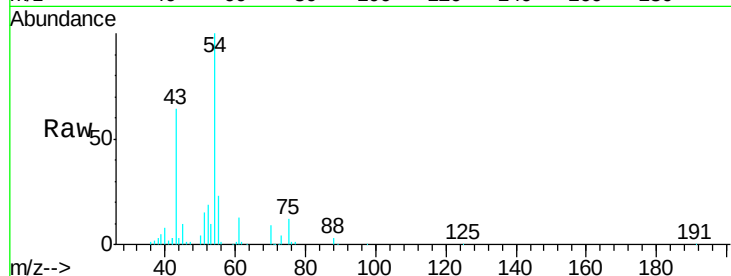
Tgt Ion: 43 Resp: 36412

Ion Ratio Lower Upper

43 100

61 19.1 11.8 17.6#

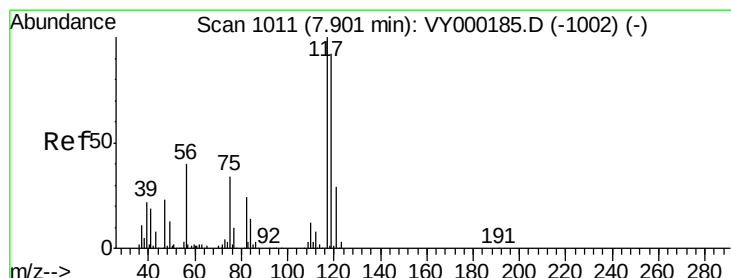
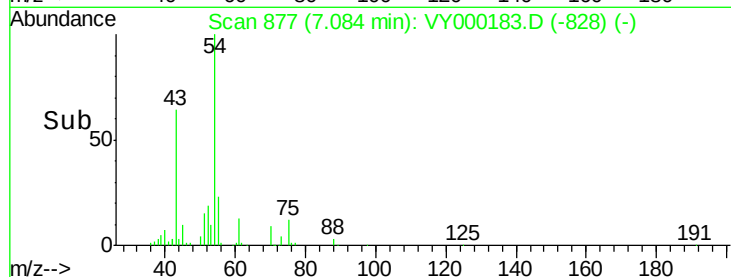
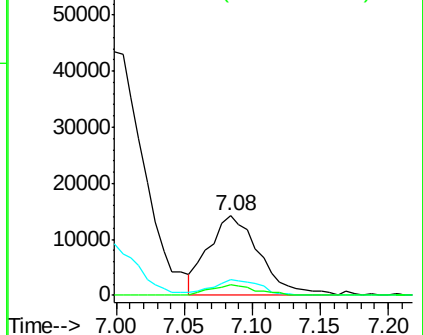
70 12.2 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VY000185.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY000185.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY000185.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 5.522 ug/l

RT: 7.90 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

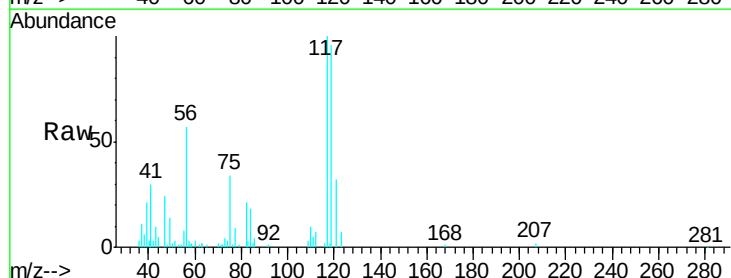
Tgt Ion: 117 Resp: 25455

Ion Ratio Lower Upper

117 100

119 96.4 73.4 110.2

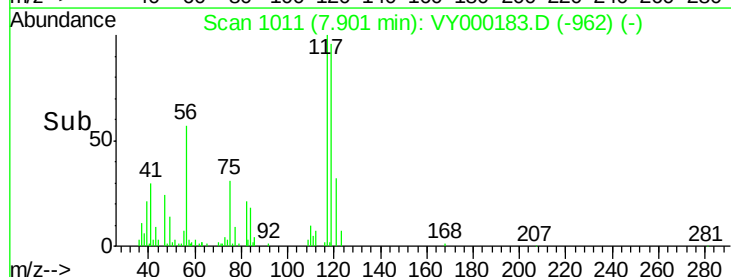
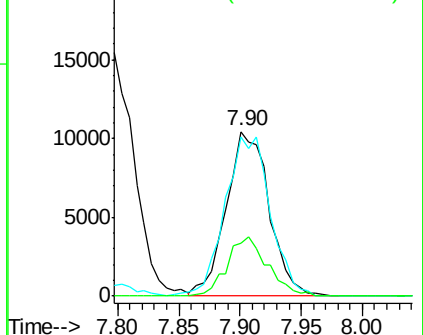
121 32.5 23.2 34.8

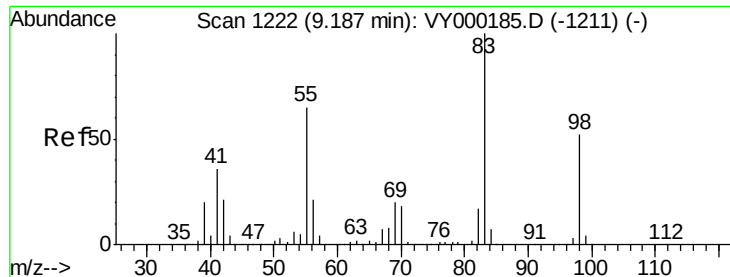


Abundance Ion 116.80 (116.50 to 117.50): VY000185.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000185.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000185.D (-1002) (-)

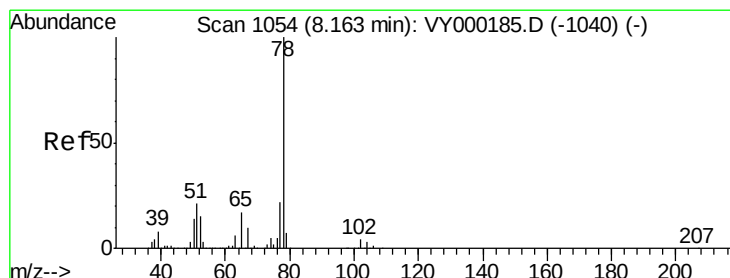
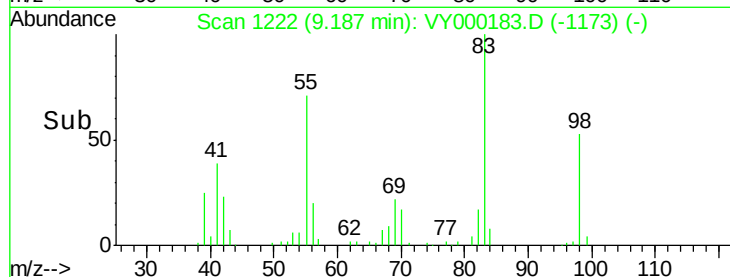
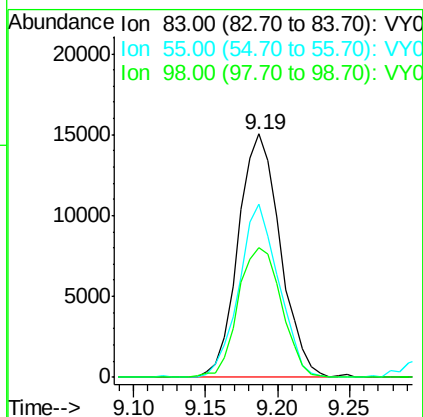
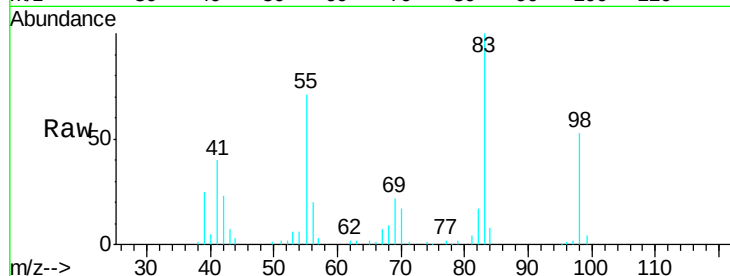




#39
Methylcyclohexane
Concen: 6.859 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

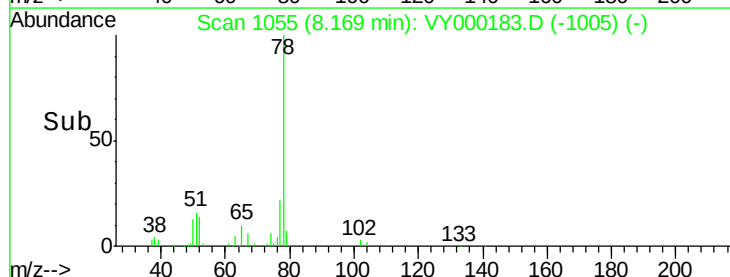
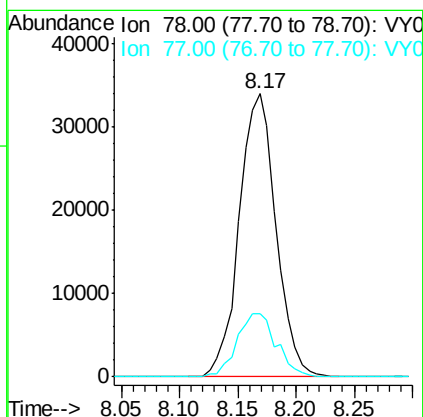
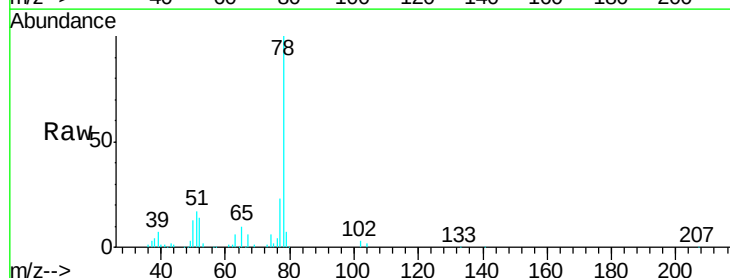
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

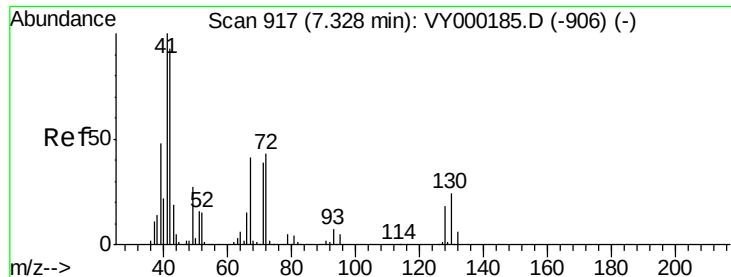
Tgt Ion: 83 Resp: 30435
Ion Ratio Lower Upper
83 100
55 71.3 52.4 78.6
98 53.4 41.7 62.5



#40
Benzene
Concen: 5.993 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 78 Resp: 74725
Ion Ratio Lower Upper
78 100
77 22.5 17.5 26.3





#41

Methacrylonitrile

Concen: 18.782 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.03 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

Tgt Ion: 41 Resp: 62585

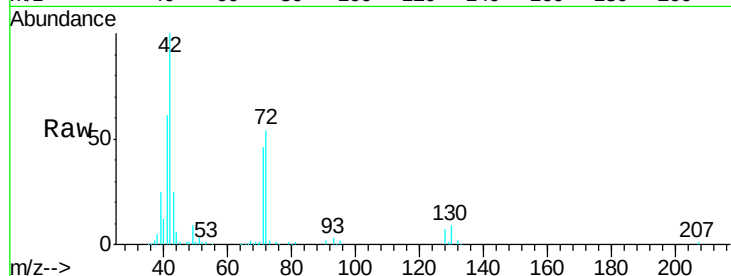
Ion Ratio Lower Upper

41 100

39 46.8 125.4 188.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

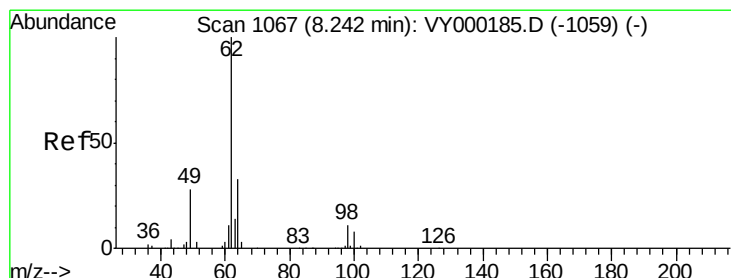
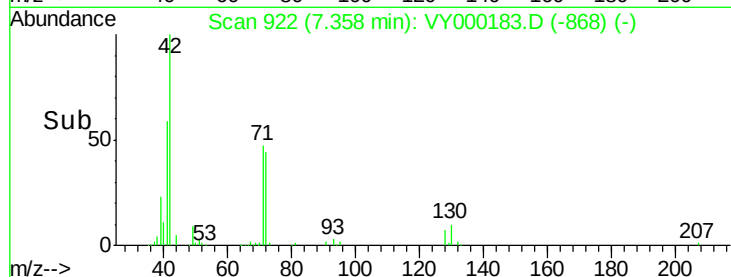
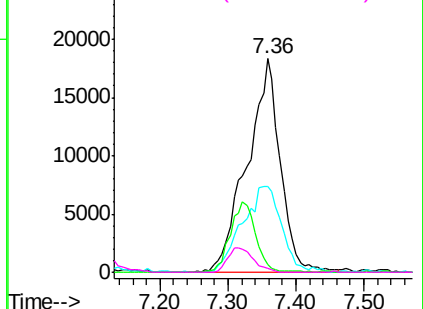


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 5.633 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY000183.D

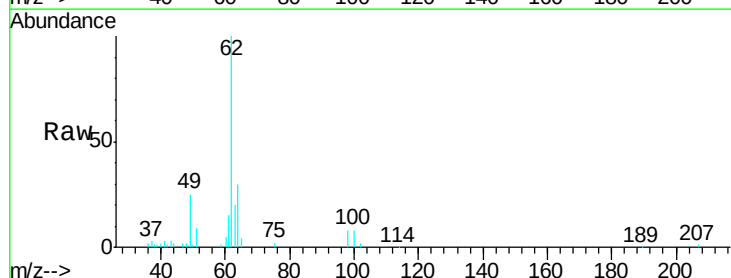
Acq: 03 Oct 2019 13:20

Tgt Ion: 62 Resp: 24420

Ion Ratio Lower Upper

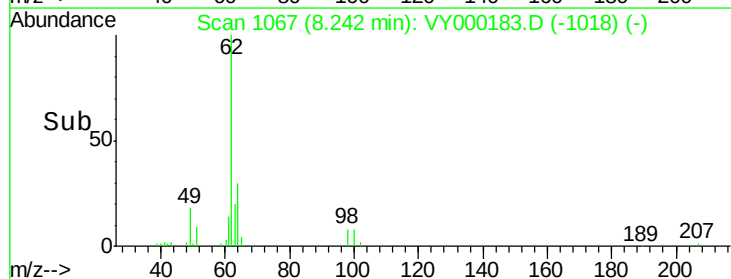
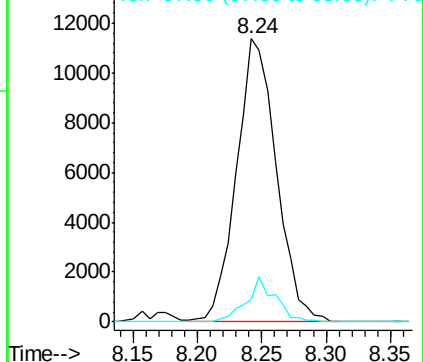
62 100

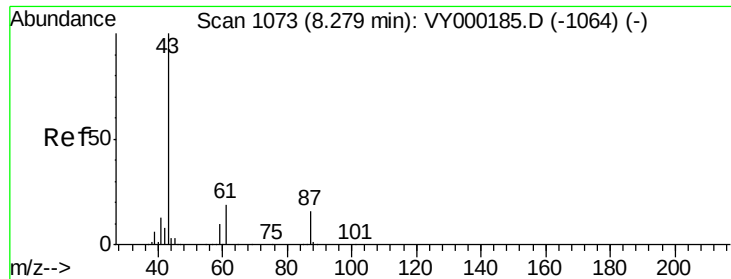
98 11.4 0.0 21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 5.171 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

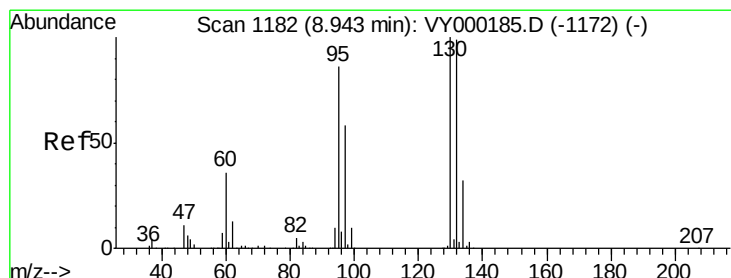
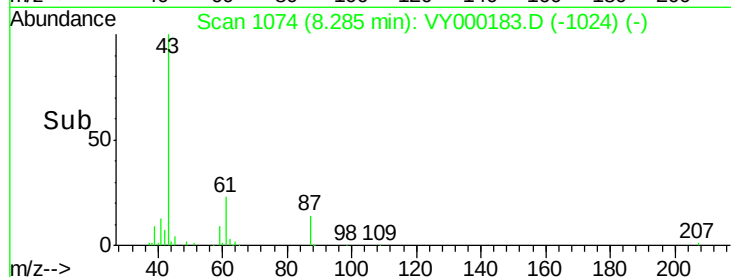
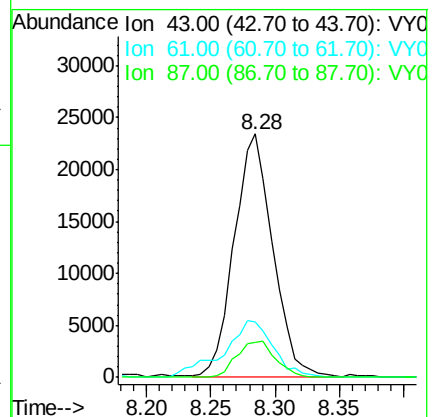
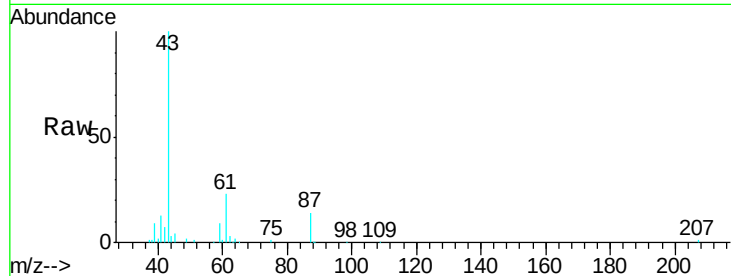
Tgt Ion: 43 Resp: 49010

Ion Ratio Lower Upper

43 100

61 30.0 21.4 32.2

87 14.8 12.6 19.0



#44

Trichloroethene

Concen: 5.993 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000183.D

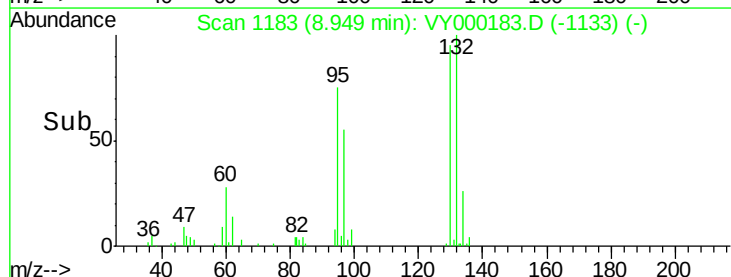
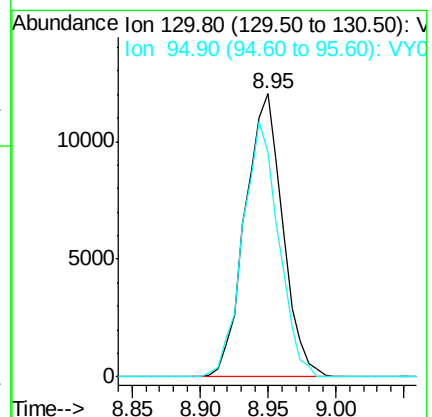
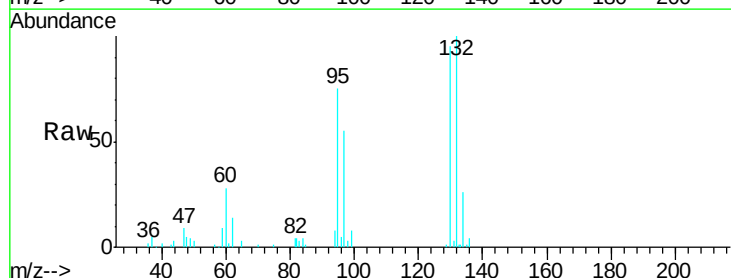
Acq: 03 Oct 2019 13:20

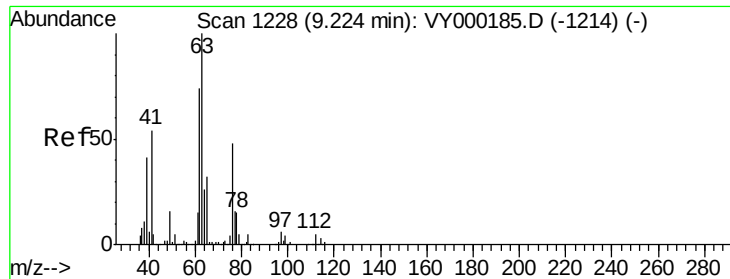
Tgt Ion: 130 Resp: 23321

Ion Ratio Lower Upper

130 100

95 79.2 0.0 171.6

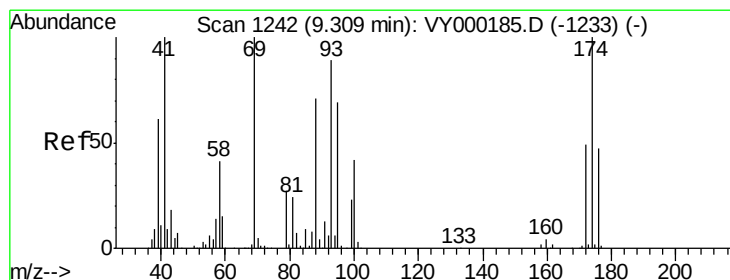
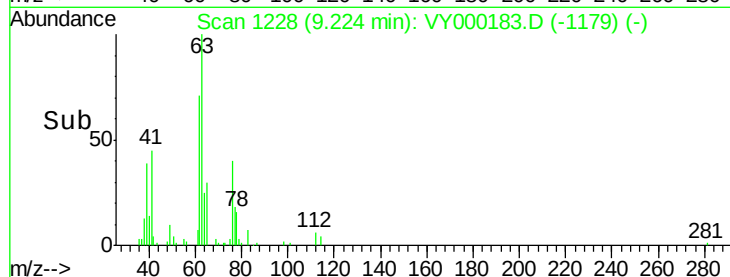
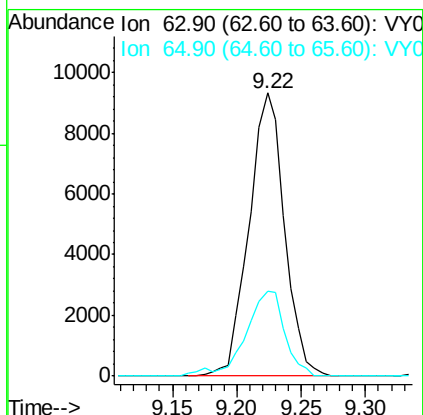
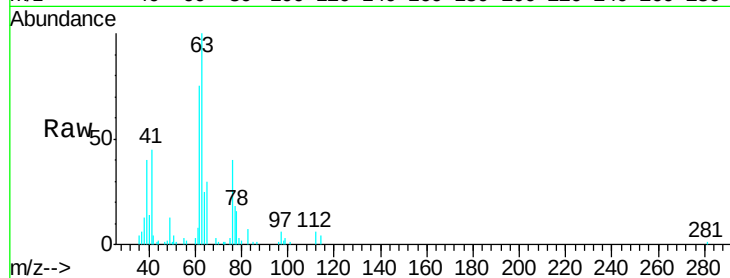




#45
 1,2-Dichloropropane
 Concen: 5.535 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

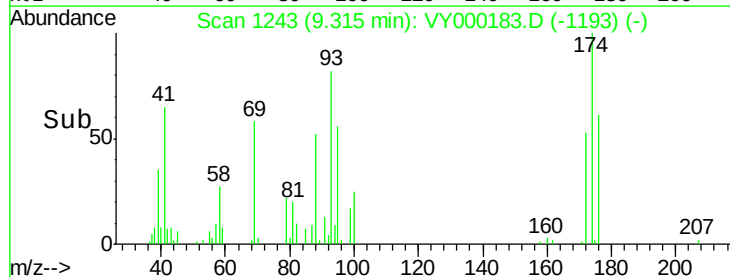
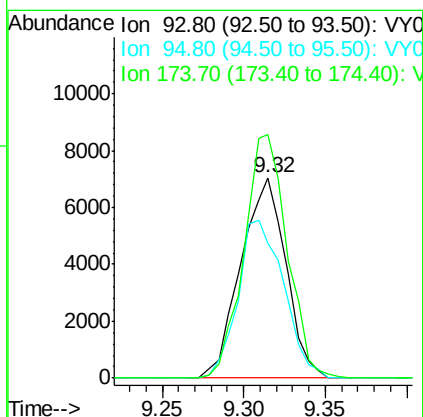
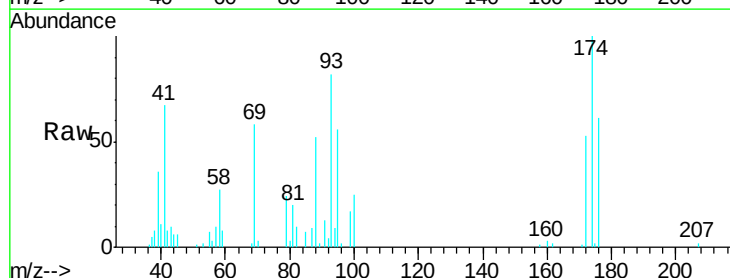
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

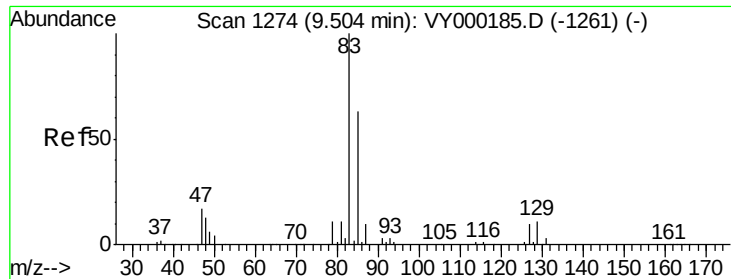
Tgt Ion: 63 Resp: 17701
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 5.673 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion: 93 Resp: 13503
 Ion Ratio Lower Upper
 93 100
 95 79.9 64.4 96.6
 174 116.8 95.1 142.7





#47

Bromodichloromethane

Concen: 5.191 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

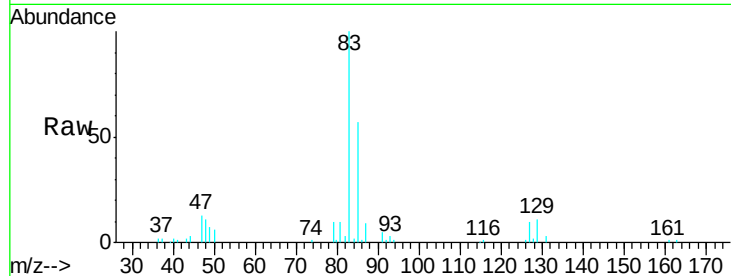
Tgt Ion: 83 Resp: 25241

Ion Ratio Lower Upper

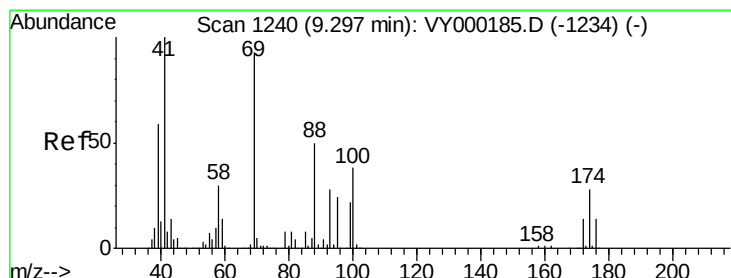
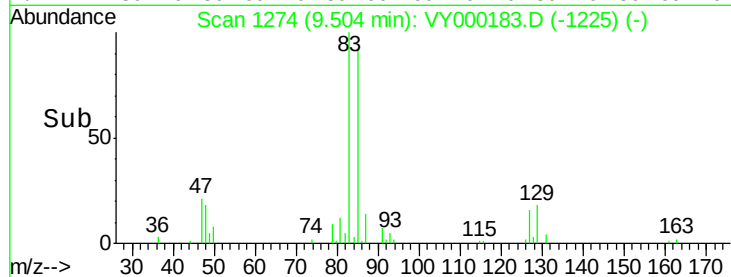
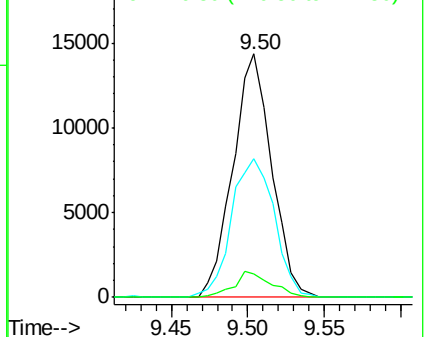
83 100

85 57.1 50.6 76.0

127 9.7 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: 5.091 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

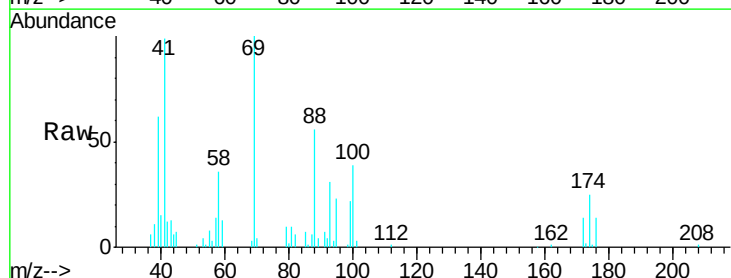
Tgt Ion: 41 Resp: 21499

Ion Ratio Lower Upper

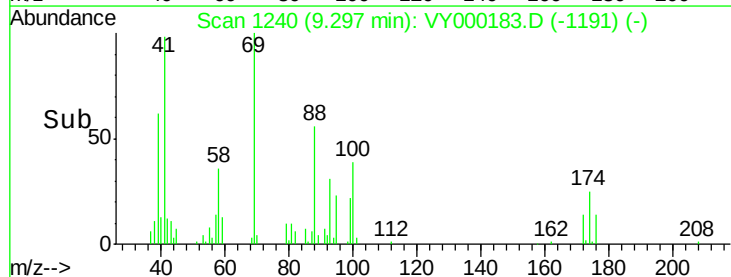
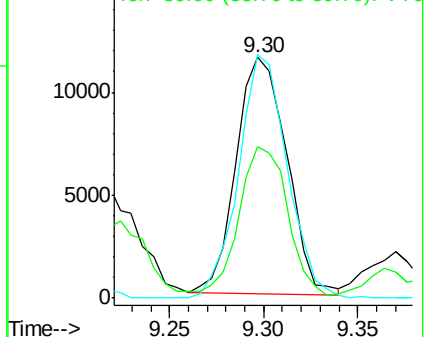
41 100

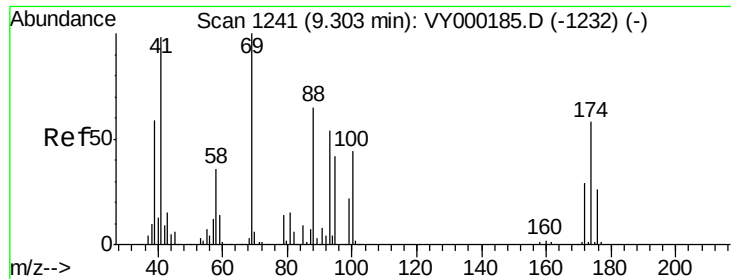
69 98.5 76.5 114.7

39 62.3 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

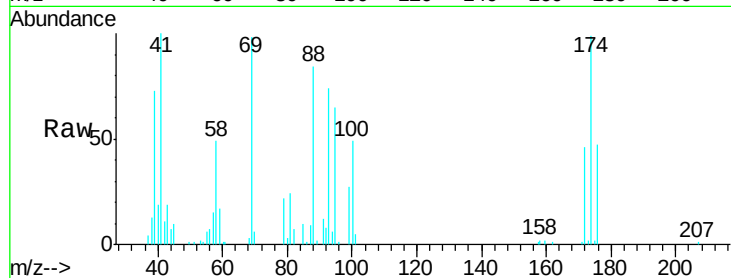




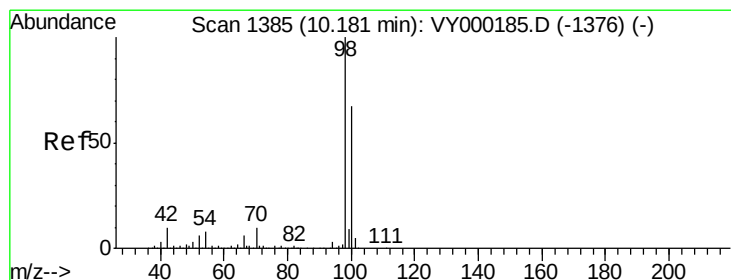
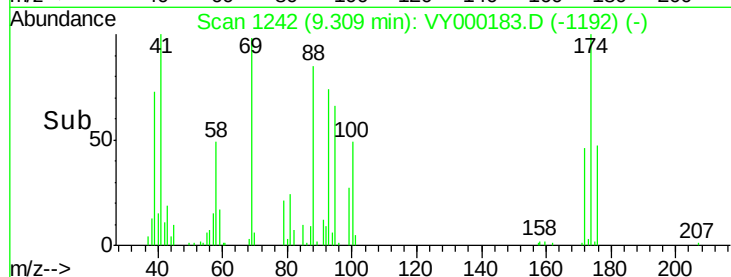
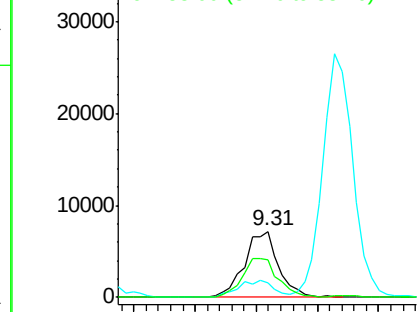
#49
1,4-Dioxane
Concen: 105.025 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 13826
Ion Ratio Lower Upper
88 100
43 27.0 20.4 30.6
58 62.2 49.0 73.4

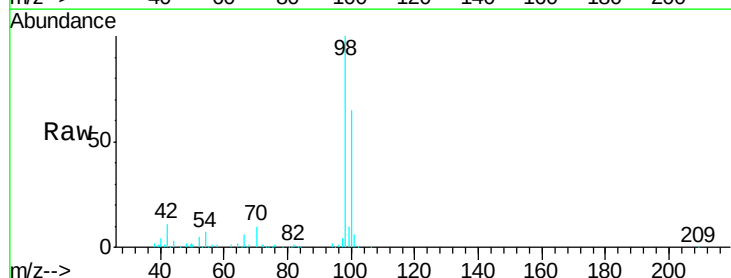


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

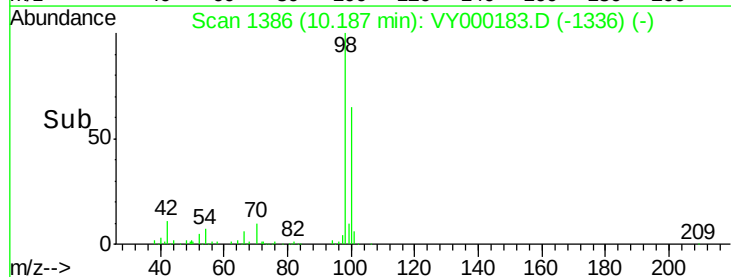
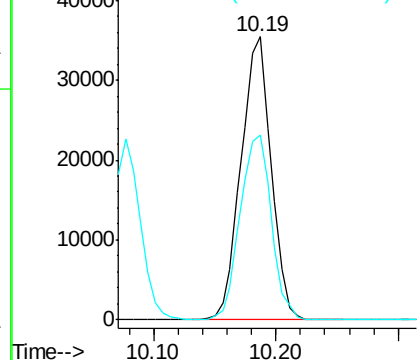


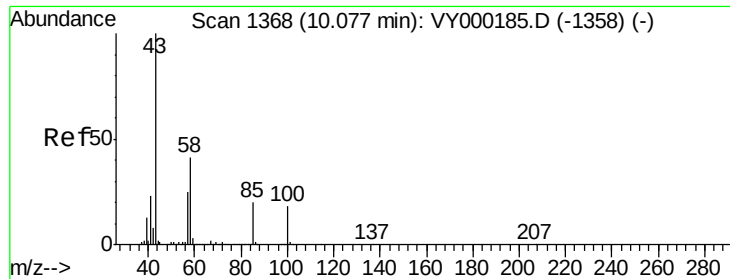
#50
Toluene-d8
Concen: 4.461 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 98 Resp: 60559
Ion Ratio Lower Upper
98 100
100 67.3 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: 24.556 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

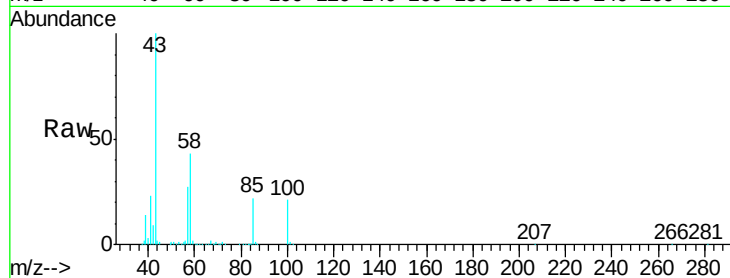
VSTDIC005

Tgt Ion: 43 Resp: 183508

Ion Ratio Lower Upper

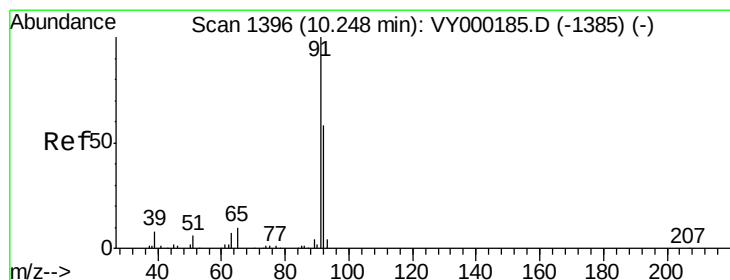
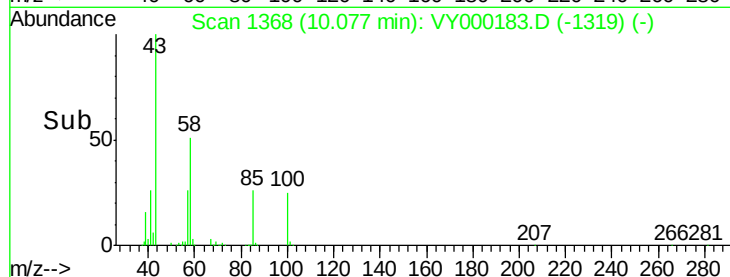
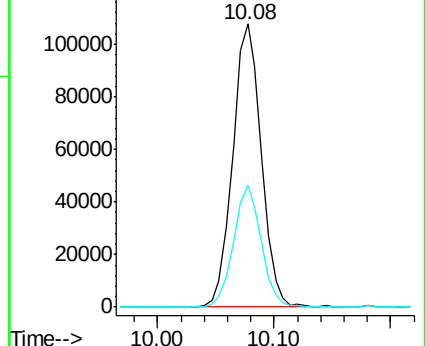
43 100

58 41.5 32.6 49.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 5.694 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000183.D

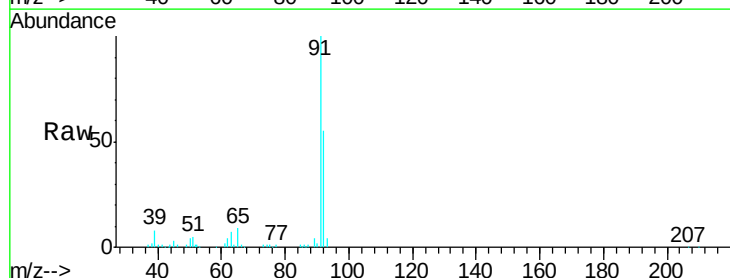
Acq: 03 Oct 2019 13:20

Tgt Ion: 92 Resp: 46962

Ion Ratio Lower Upper

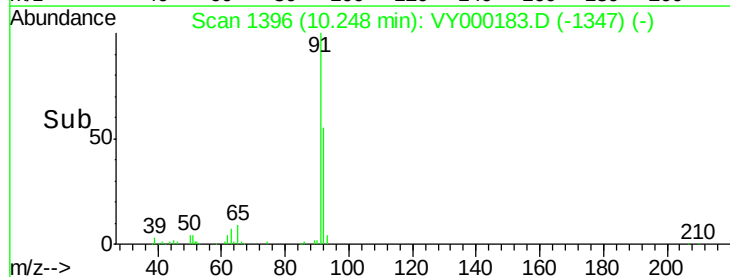
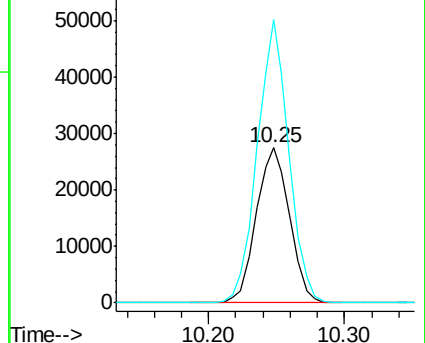
92 100

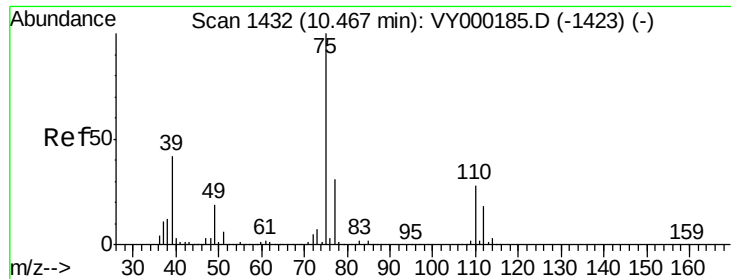
91 172.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 5.153 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

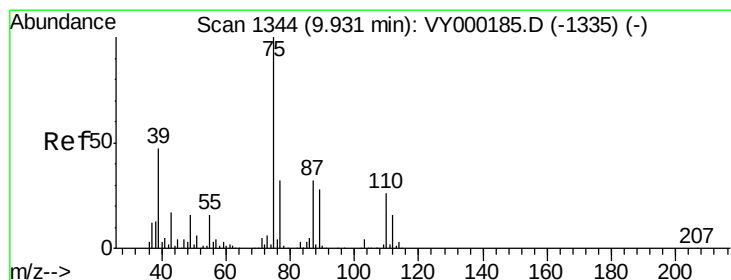
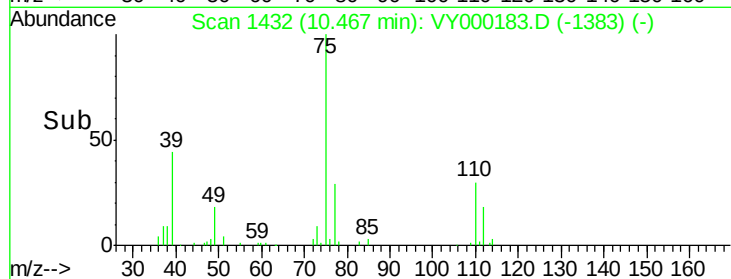
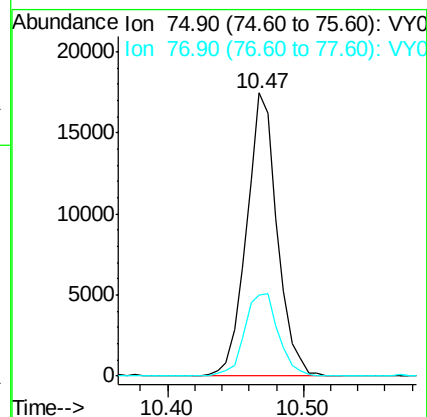
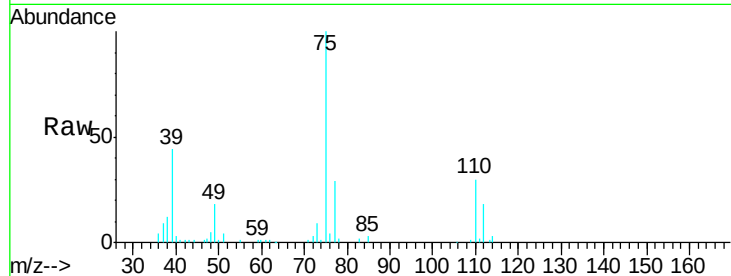
VSTDIC005

Tgt Ion: 75 Resp: 27515

Ion Ratio Lower Upper

75 100

77 28.8 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 5.570 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

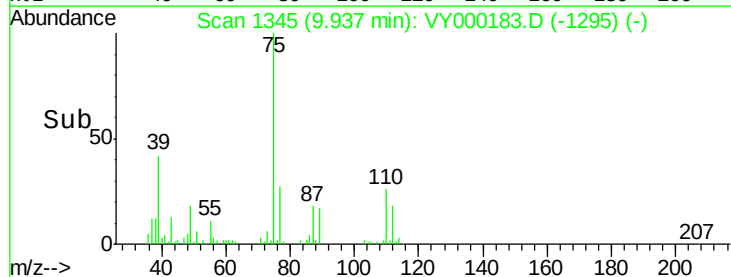
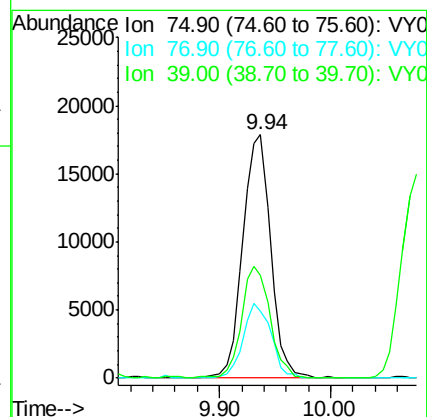
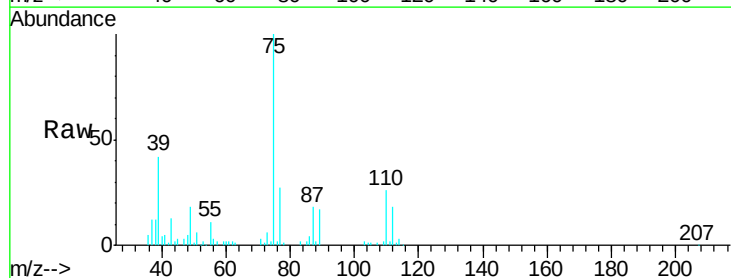
Tgt Ion: 75 Resp: 31015

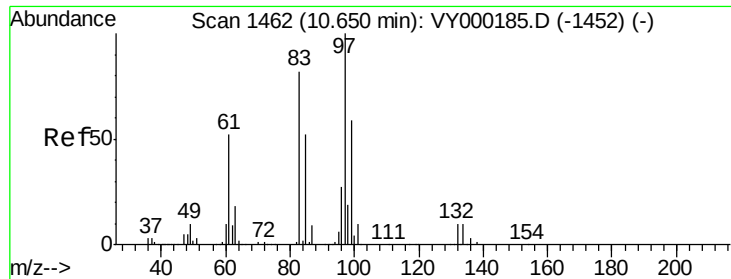
Ion Ratio Lower Upper

75 100

77 27.4 26.0 39.0

39 42.3 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 5.023 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 19048

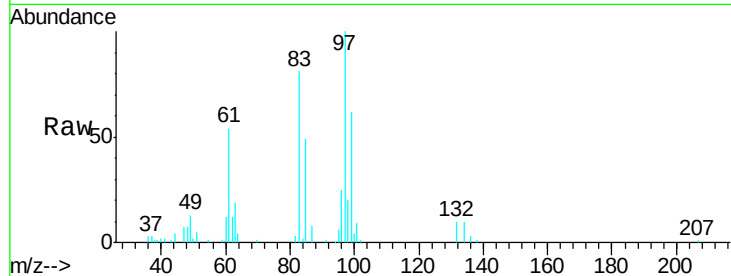
Ion Ratio Lower Upper

97 100

83 80.6 65.4 98.2

85 48.8 41.4 62.0

99 62.4 47.5 71.3

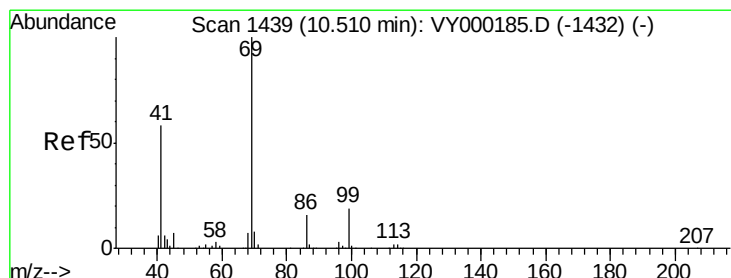
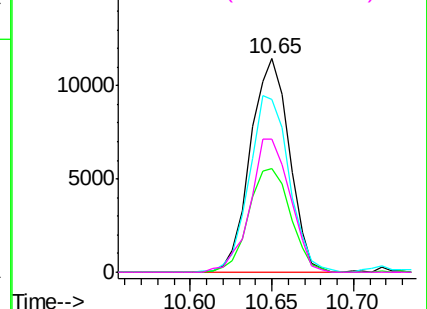
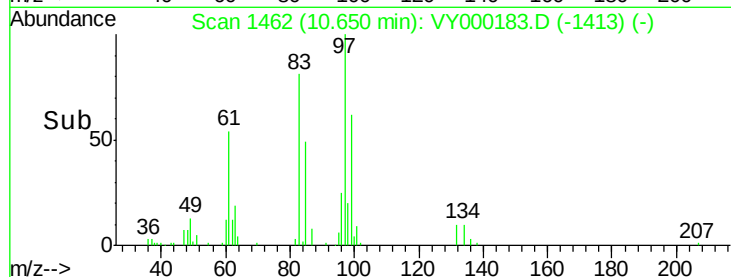


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 4.938 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

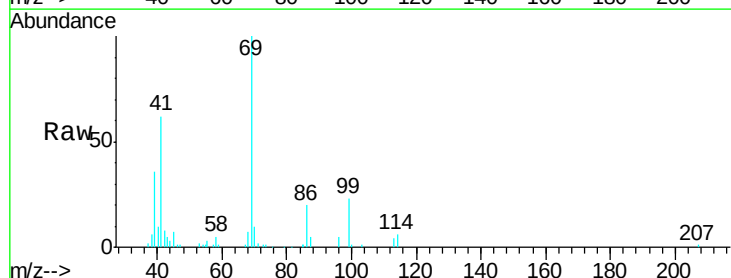
Tgt Ion: 69 Resp: 29063

Ion Ratio Lower Upper

69 100

41 62.9 48.1 72.1

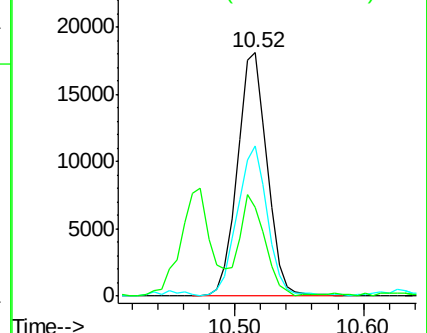
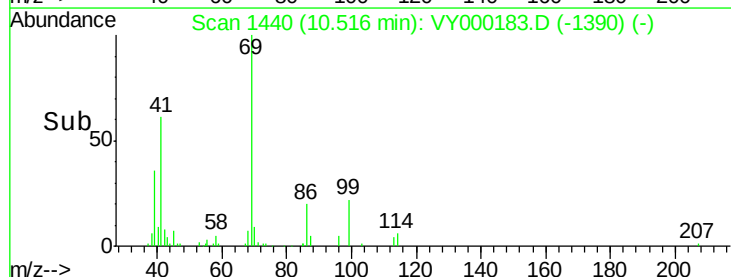
39 36.6 27.2 40.8

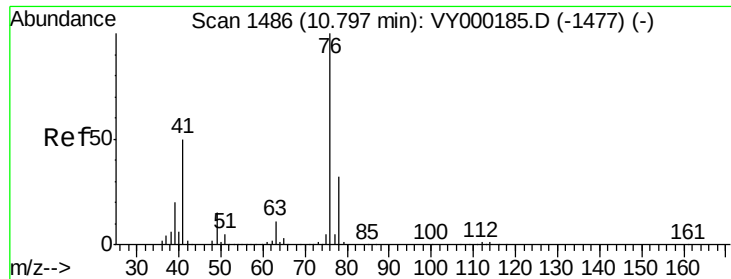


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 5.428 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

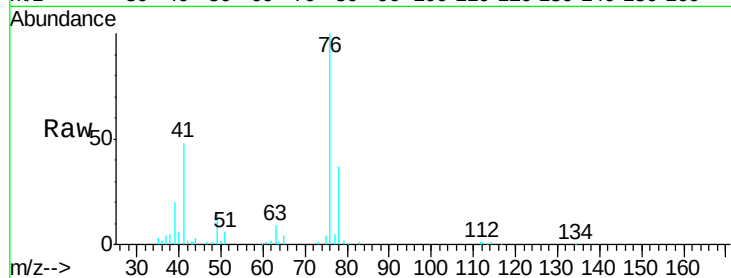
VSTDIC005

Tgt Ion: 76 Resp: 32039

Ion Ratio Lower Upper

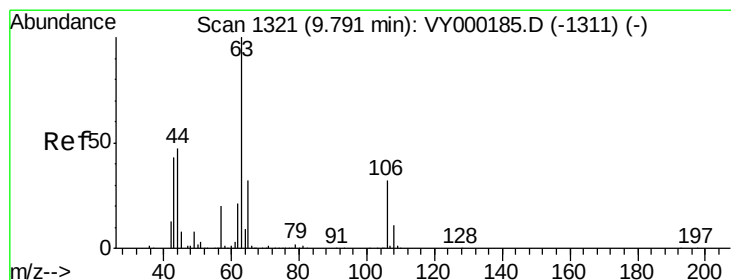
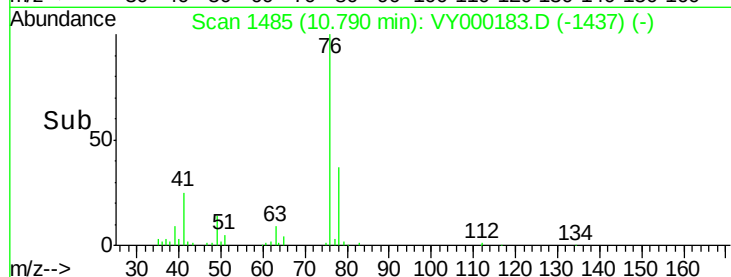
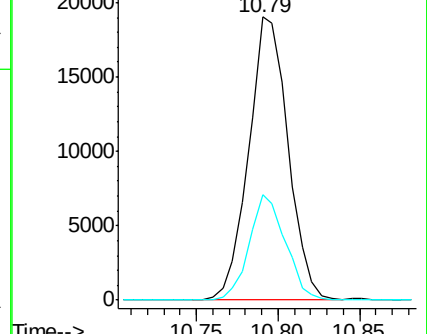
76 100

78 34.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 23.281 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000183.D

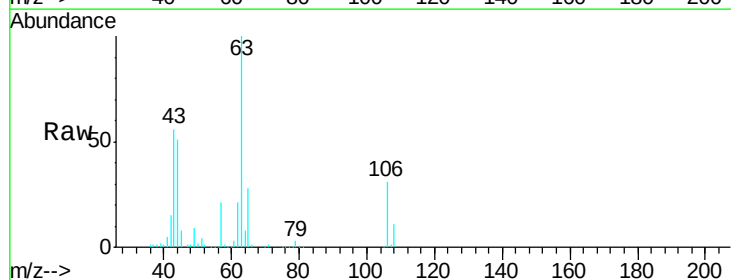
Acq: 03 Oct 2019 13:20

Tgt Ion: 63 Resp: 69919

Ion Ratio Lower Upper

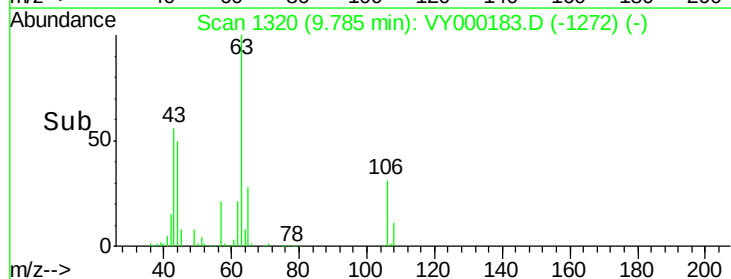
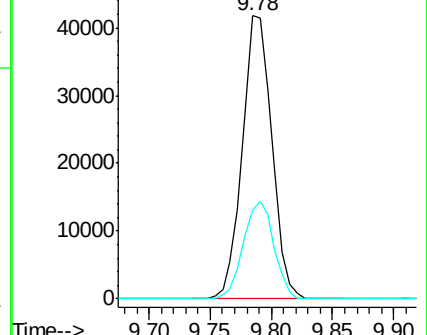
63 100

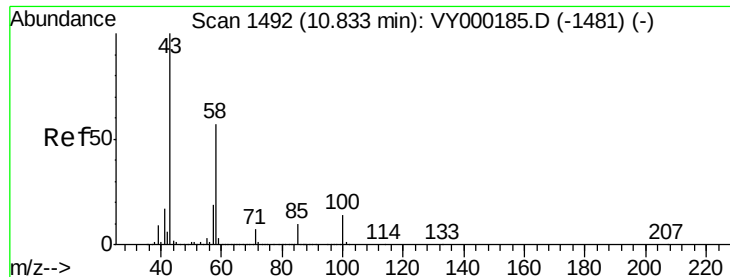
106 35.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

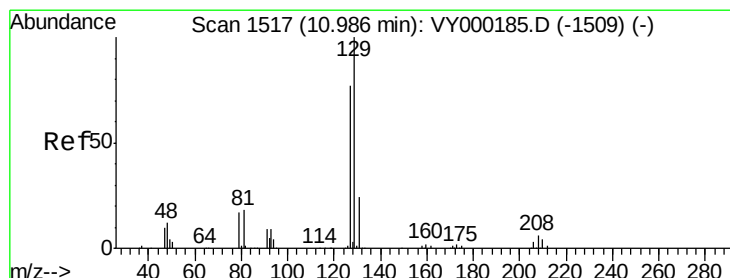
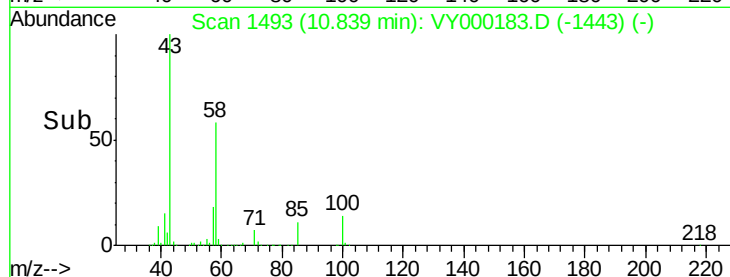
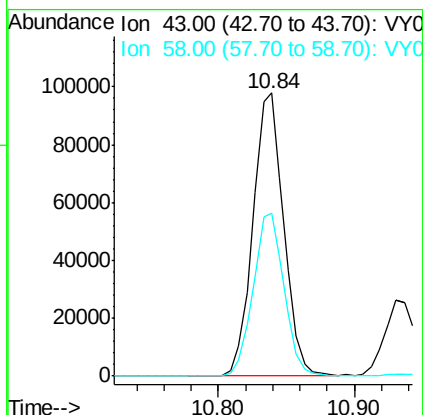
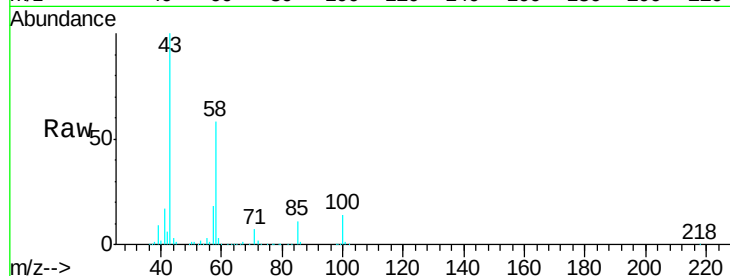




#59
2-Hexanone
Concen: 24.683 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

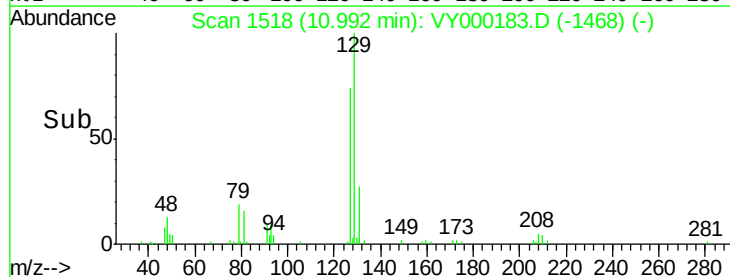
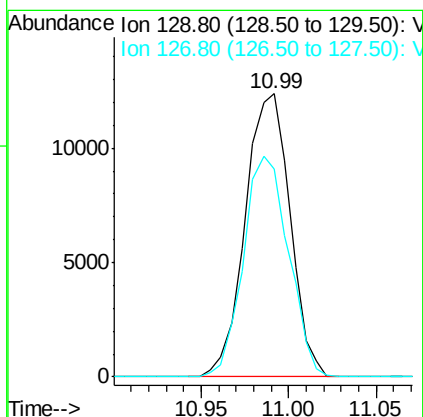
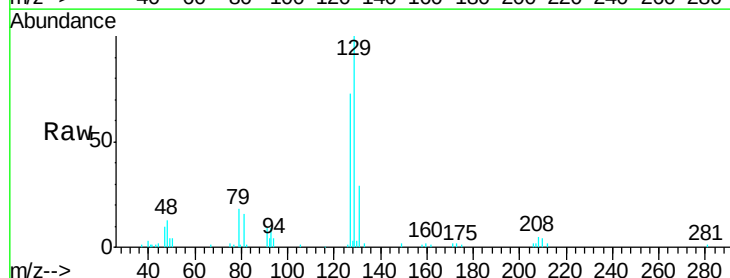
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

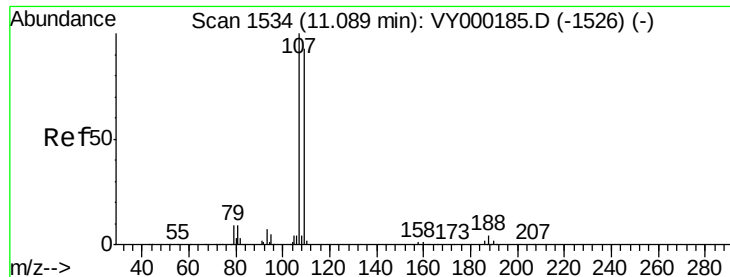
Tgt Ion: 43 Resp: 155392
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.8



#60
Dibromochloromethane
Concen: 5.050 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion: 129 Resp: 22032
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8

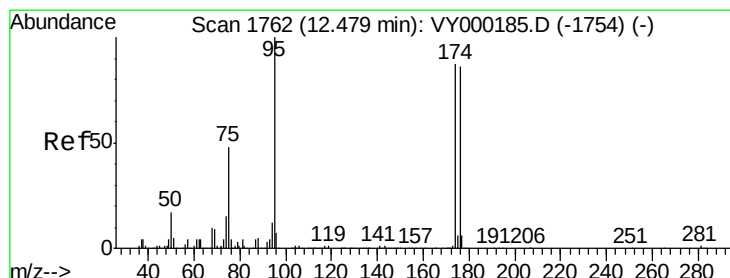
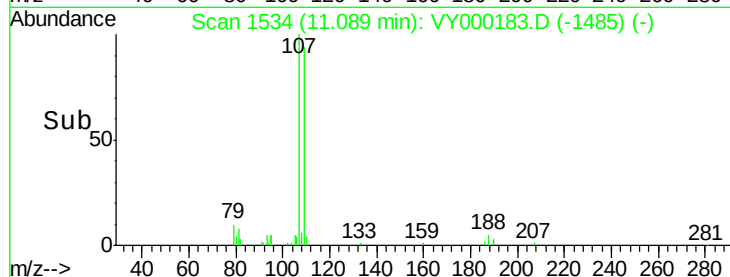
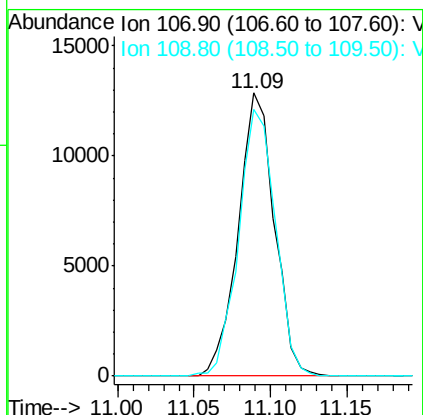
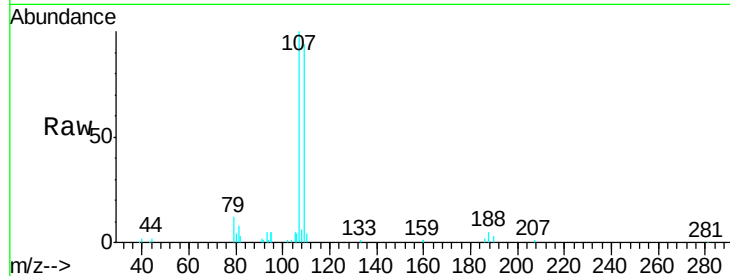




#61
 1,2-Dibromoethane
 Concen: 5.500 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

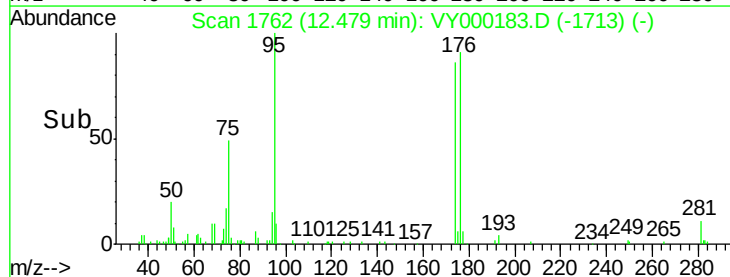
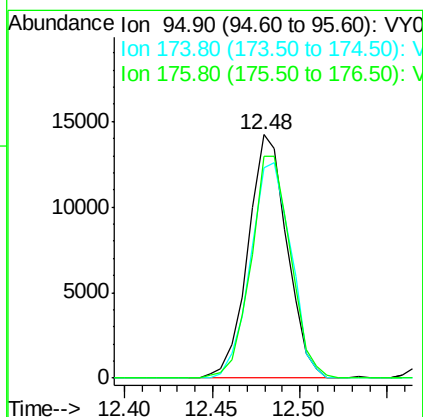
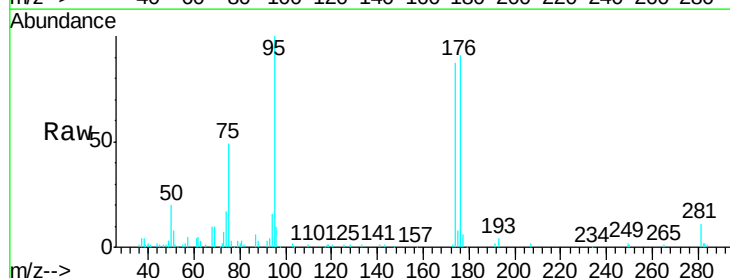
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

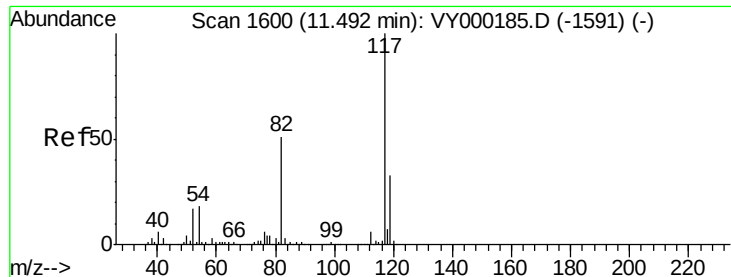
Tgt Ion: 107 Resp: 21149
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 4.654 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion: 95 Resp: 22059
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 188.6
 176 92.4 0.0 183.6

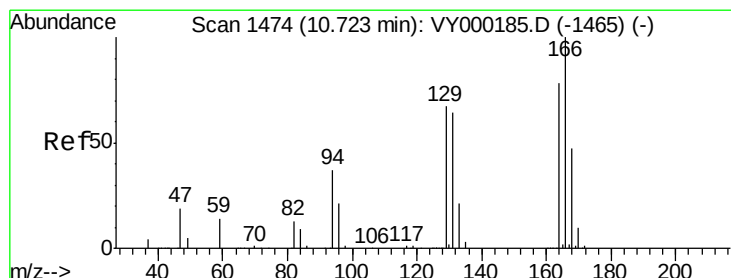
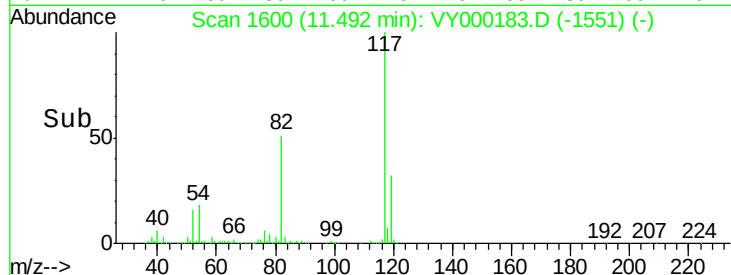
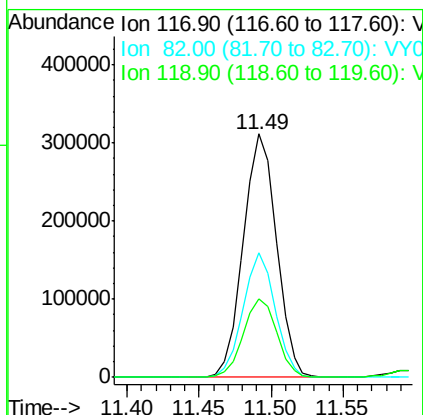
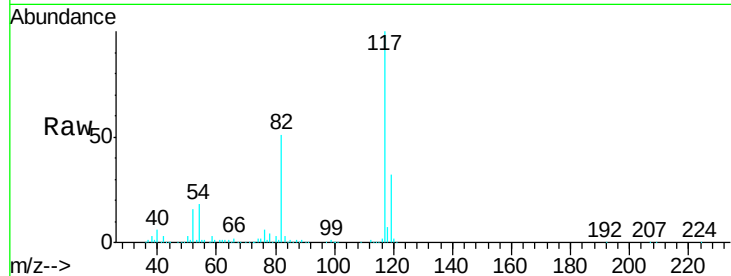




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

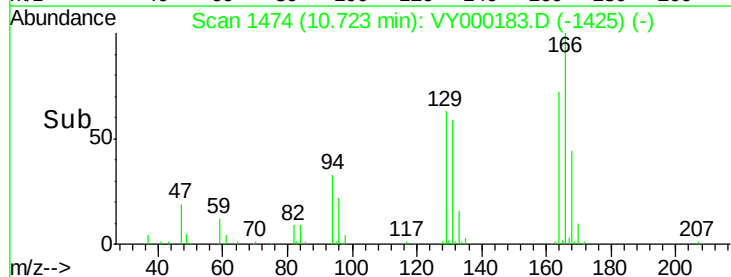
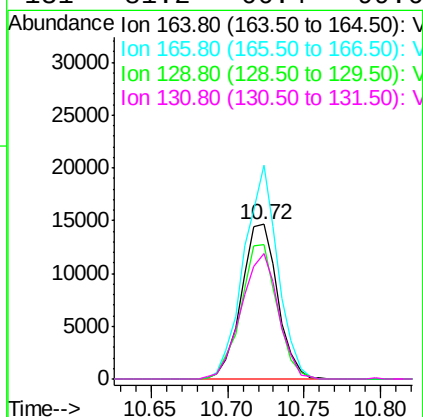
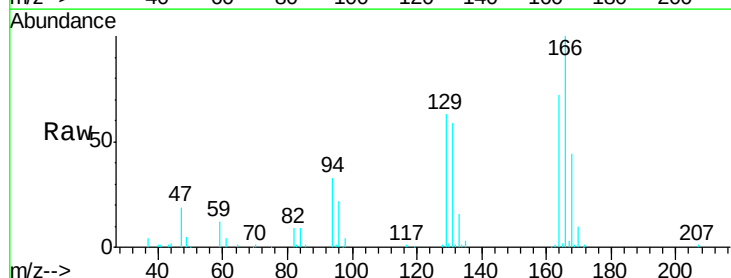
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

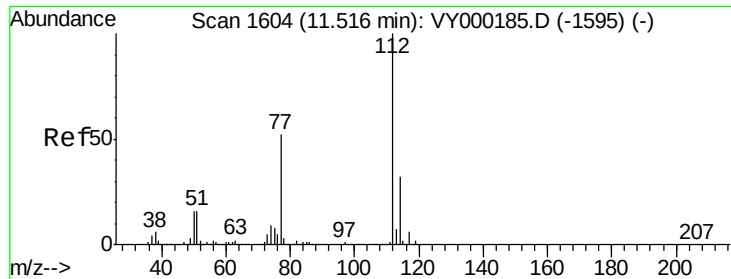
Tgt Ion:117 Resp: 497487
Ion Ratio Lower Upper
117 100
82 51.3 41.0 61.4
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 6.219 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion:164 Resp: 24097
Ion Ratio Lower Upper
164 100
166 138.0 103.2 154.8
129 86.7 69.0 103.4
131 81.2 66.4 99.6

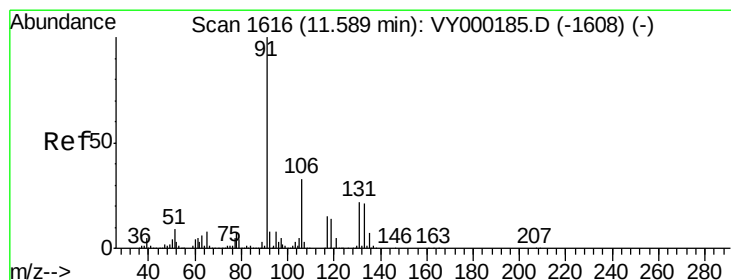
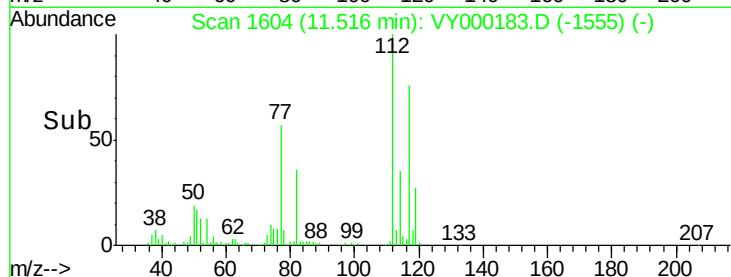
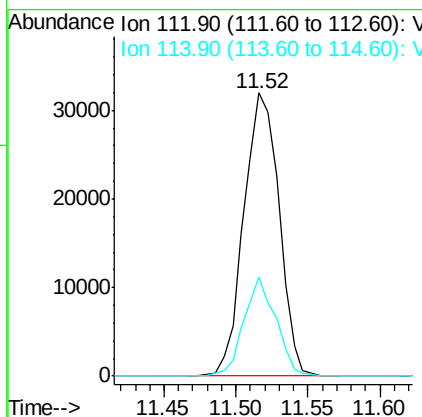
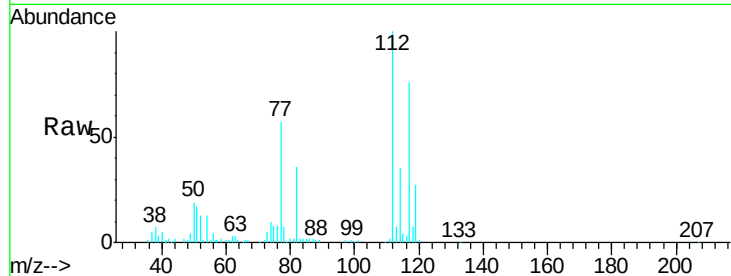




#65
Chlorobenzene
Concen: 5.742 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

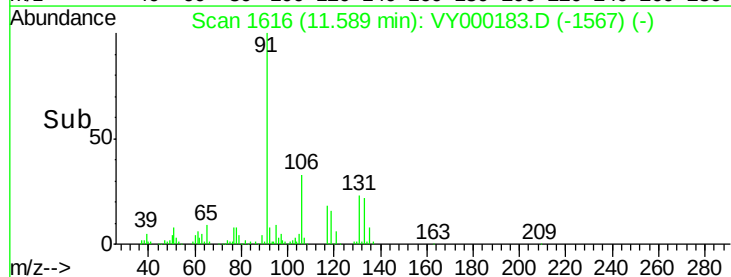
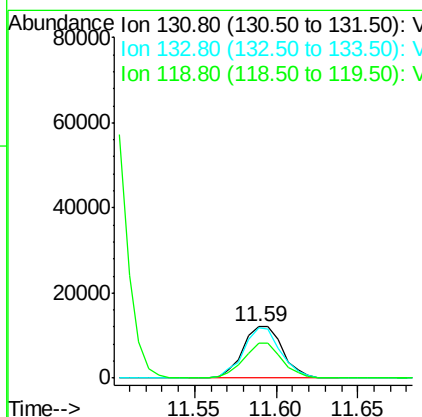
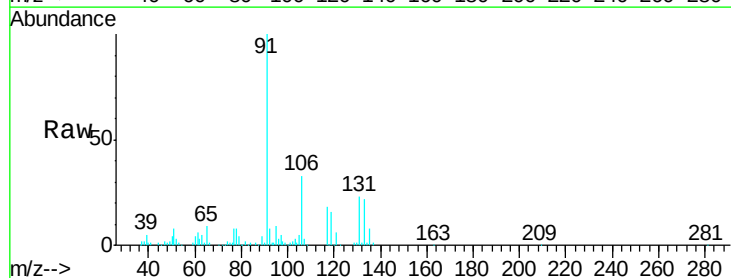
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

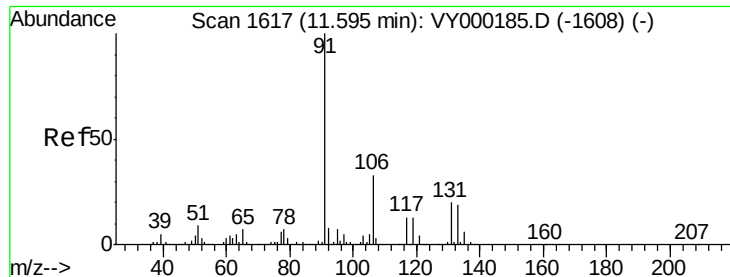
Tgt Ion:112 Resp: 54177
Ion Ratio Lower Upper
112 100
114 35.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.292 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion:131 Resp: 20590
Ion Ratio Lower Upper
131 100
133 93.0 47.4 142.3
119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 5.549 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

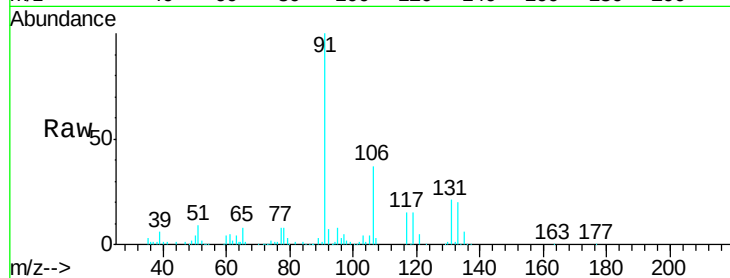
VSTDIC005

Tgt Ion: 91 Resp: 87352

Ion Ratio Lower Upper

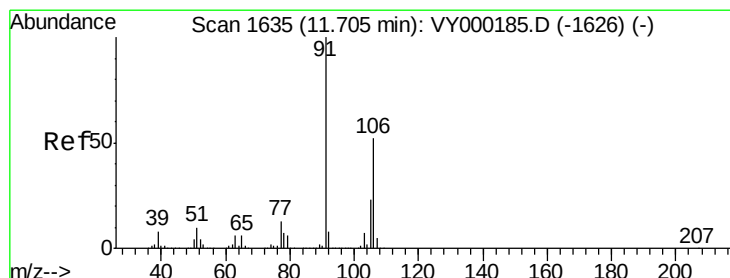
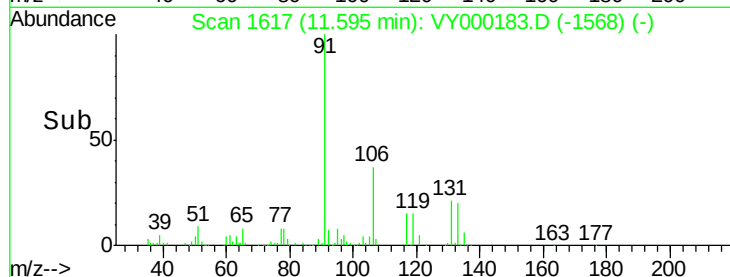
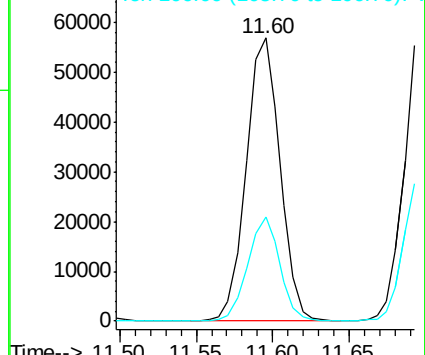
91 100

106 36.6 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 11.360 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000183.D

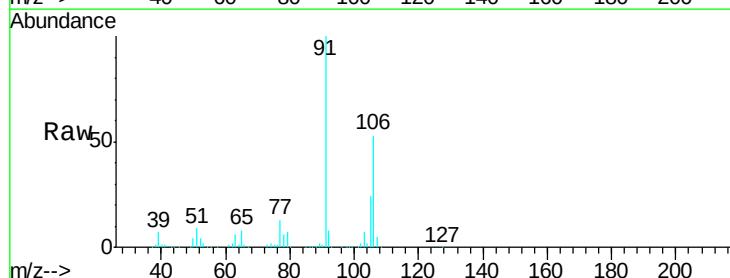
Acq: 03 Oct 2019 13:20

Tgt Ion: 106 Resp: 70956

Ion Ratio Lower Upper

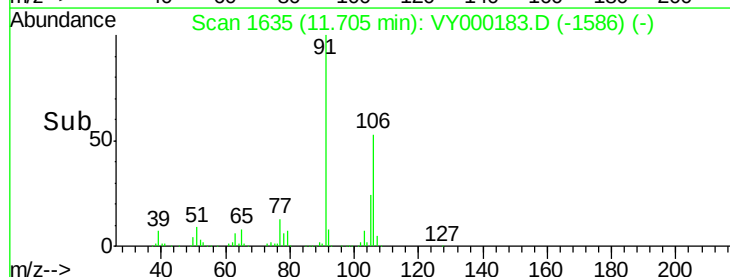
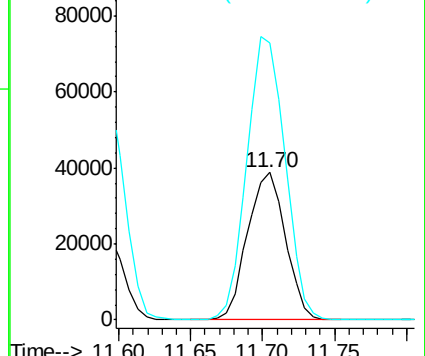
106 100

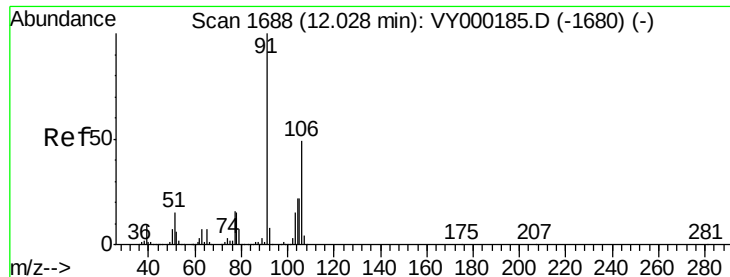
91 192.9 151.7 227.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

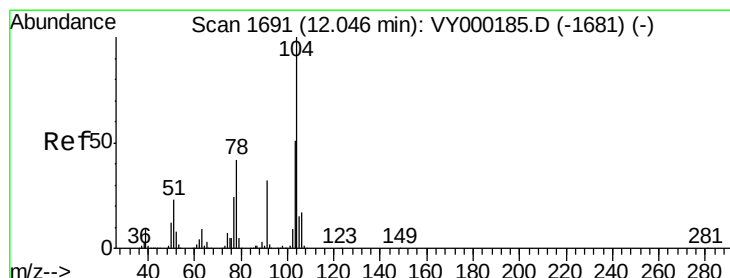
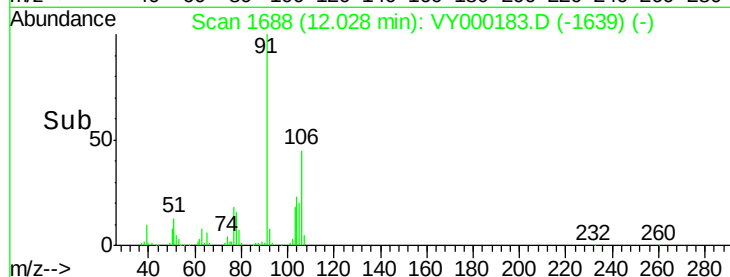
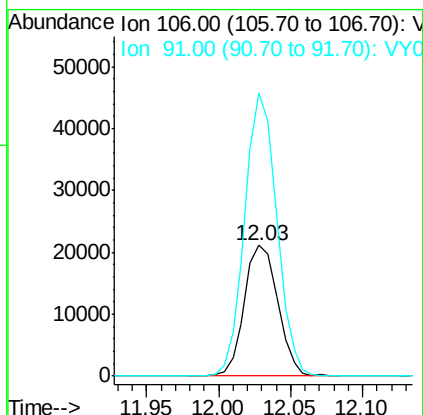
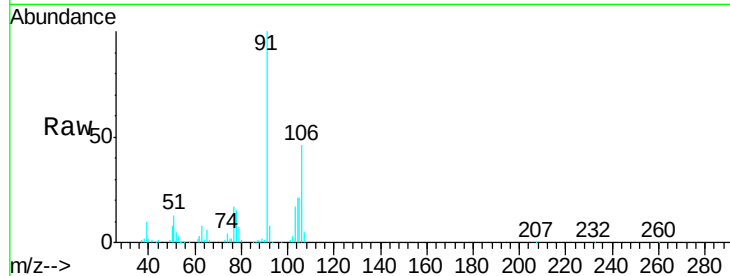




#69
o-Xylene
Concen: 5.438 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

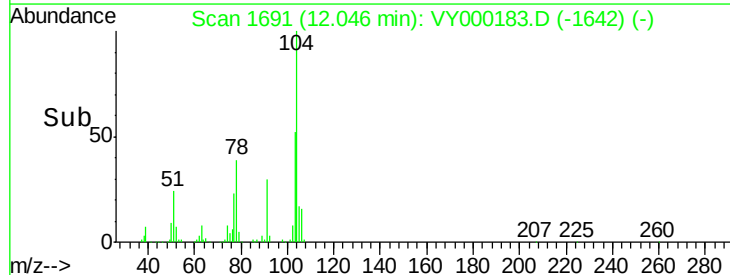
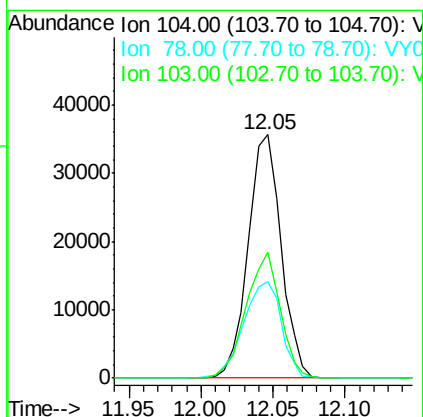
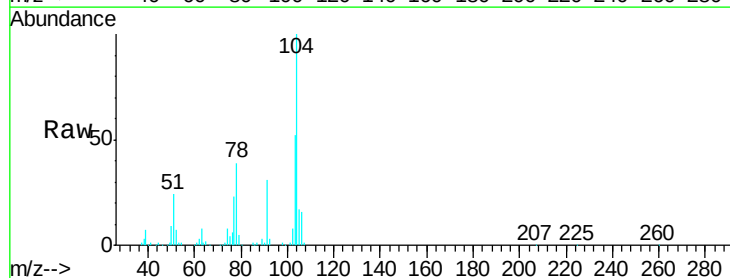
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

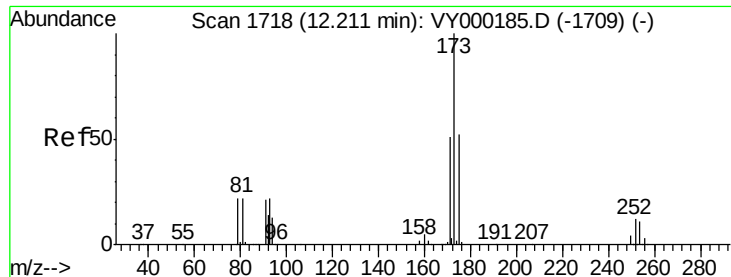
Tgt Ion:106 Resp: 34042
Ion Ratio Lower Upper
106 100
91 207.5 98.7 296.1



#70
Styrene
Concen: 5.232 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion:104 Resp: 56408
Ion Ratio Lower Upper
104 100
78 45.8 36.3 54.5
103 53.5 43.1 64.7





#71

Bromoform

Concen: 4.588 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

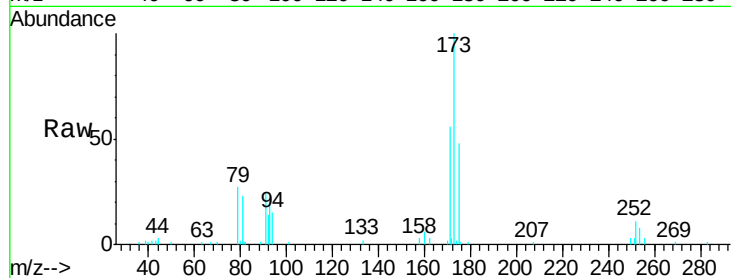
Tgt Ion:173 Resp: 16442

Ion Ratio Lower Upper

173 100

175 52.6 24.5 73.5

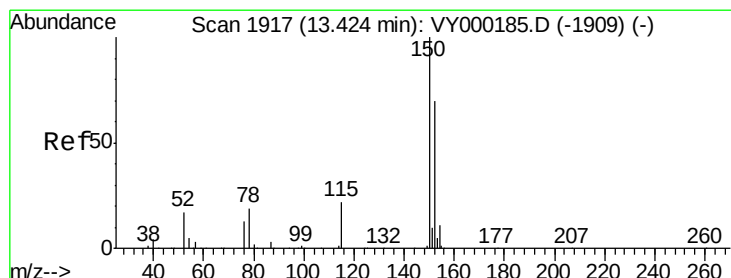
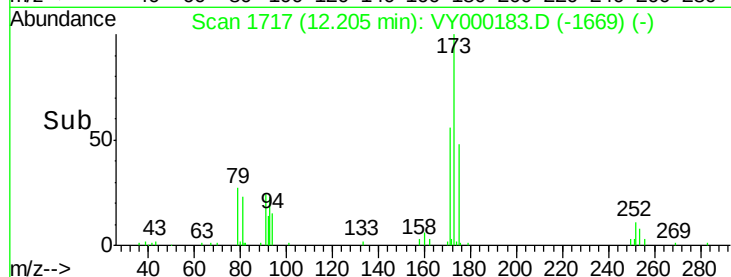
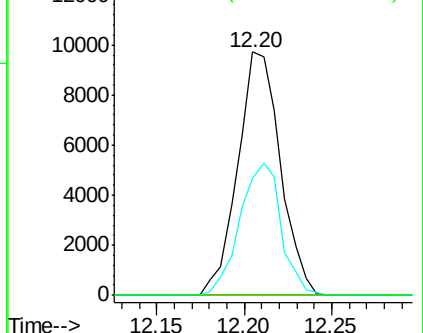
254 0.0 0.1 0.1#



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: VY000183.D

Acq: 03 Oct 2019 13:20

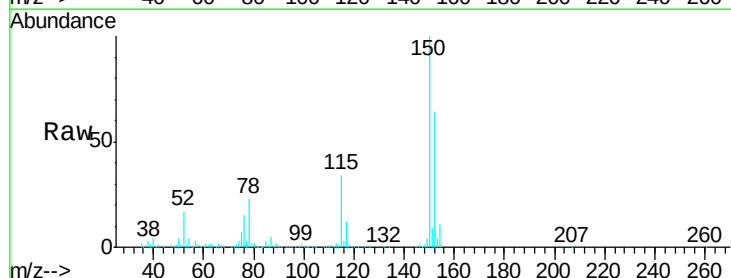
Tgt Ion:152 Resp: 250764

Ion Ratio Lower Upper

152 100

115 53.3 27.2 81.6

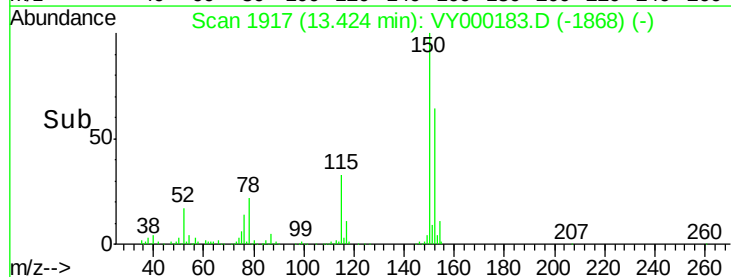
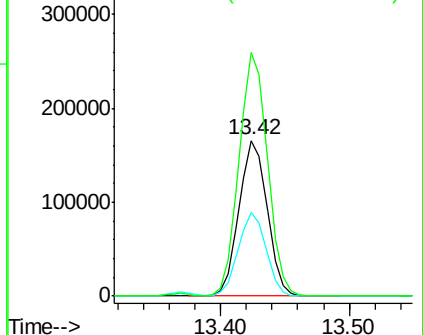
150 158.0 0.0 351.2

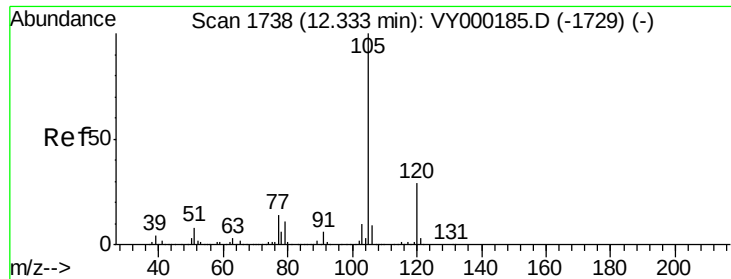


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.375 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

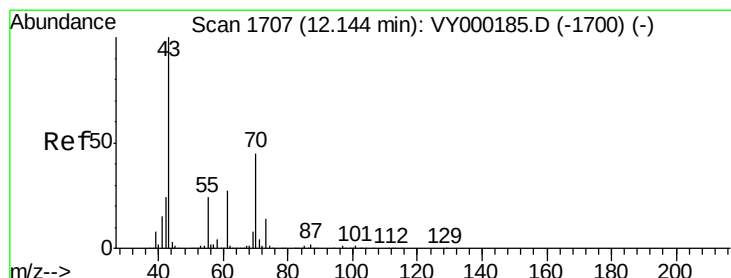
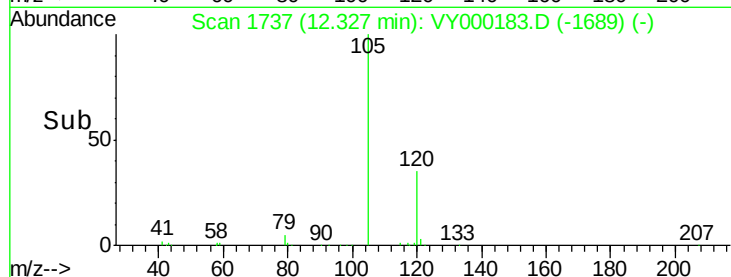
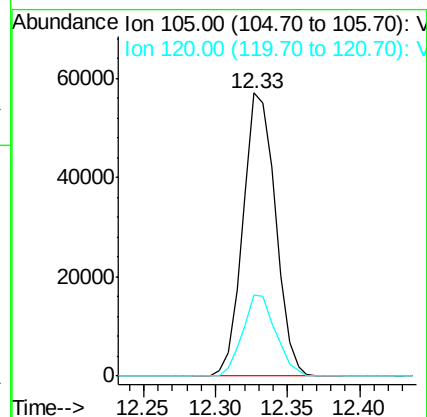
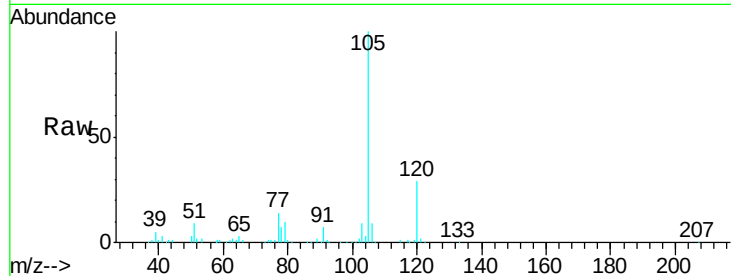
VSTDIC005

Tgt Ion: 105 Resp: 89045

Ion Ratio Lower Upper

105 100

120 29.1 14.1 42.3



#74

N-amyl acetate

Concen: 4.511 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Tgt Ion: 43 Resp: 32884

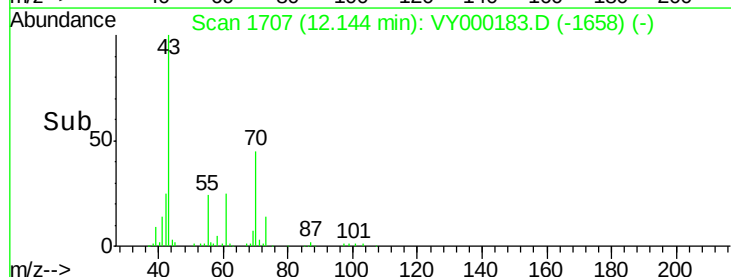
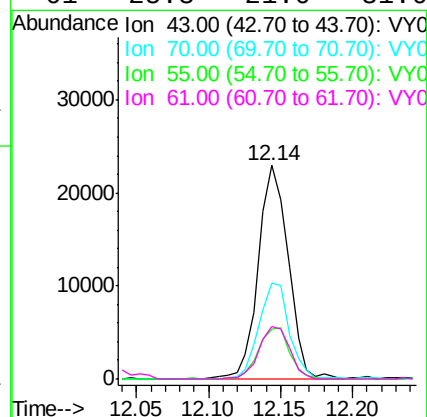
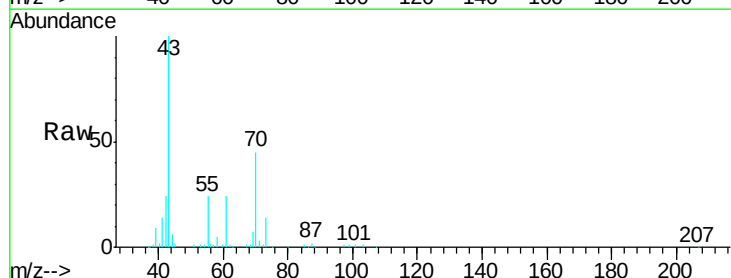
Ion Ratio Lower Upper

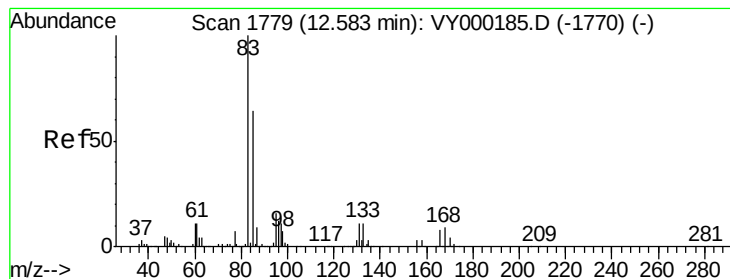
43 100

70 46.2 36.7 55.1

55 25.2 18.6 27.8

61 25.3 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.988 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

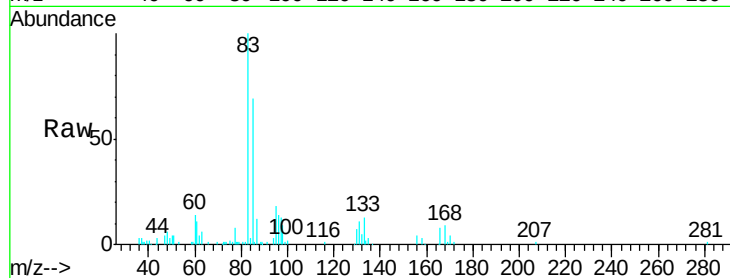
Tgt Ion: 83 Resp: 29325

Ion Ratio Lower Upper

83 100

131 12.7 5.6 16.8

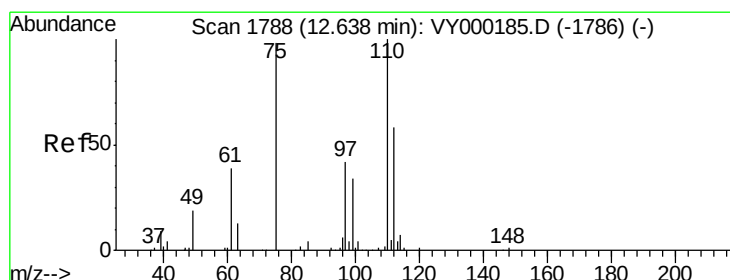
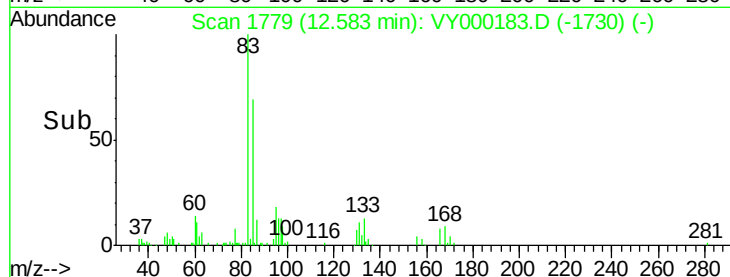
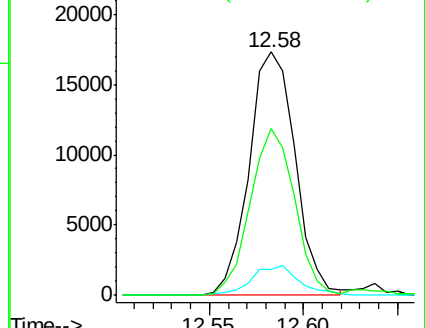
85 66.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY000183.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000183.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000183.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 9.634 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000183.D

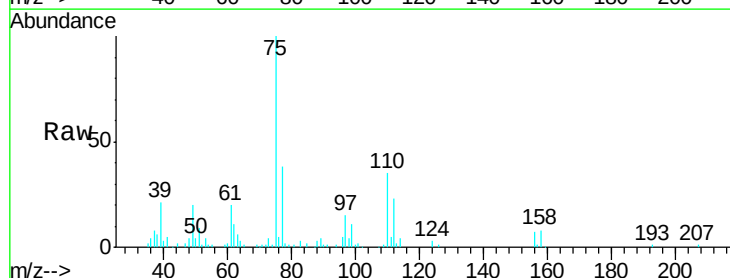
Acq: 03 Oct 2019 13:20

Tgt Ion: 75 Resp: 42359

Ion Ratio Lower Upper

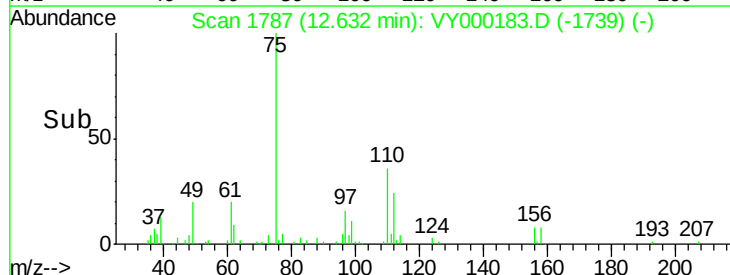
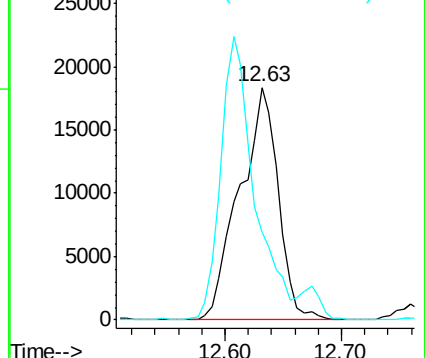
75 100

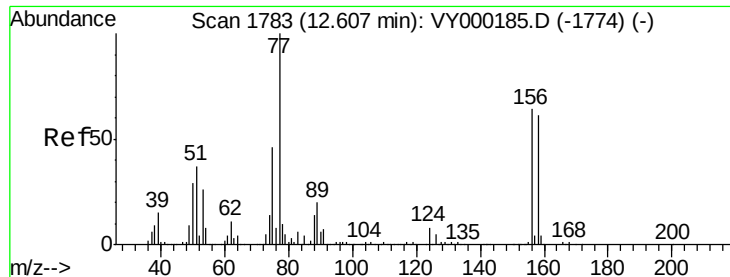
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000183.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000183.D (-1739) (-)





#77

Bromobenzene

Concen: 5.371 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

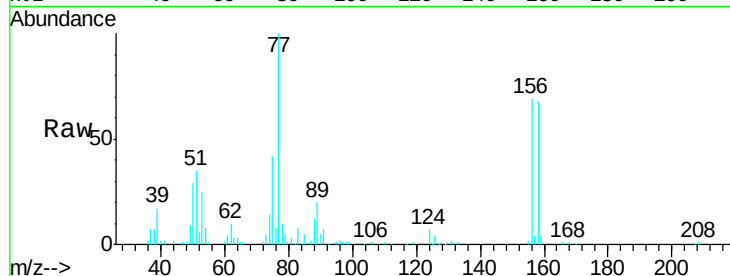
Tgt Ion:156 Resp: 24487

Ion Ratio Lower Upper

156 100

77 184.4 95.3 285.8

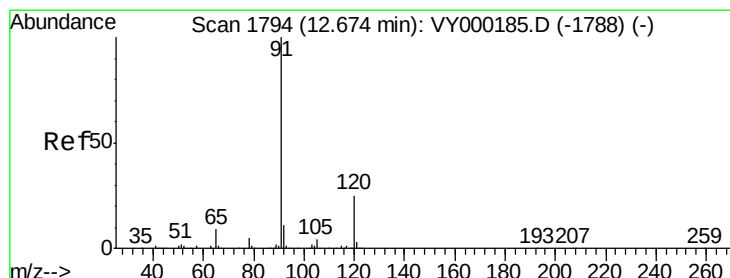
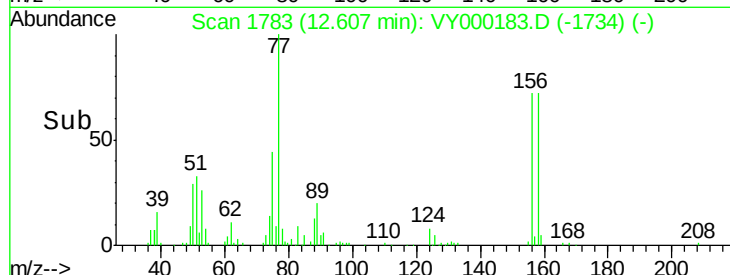
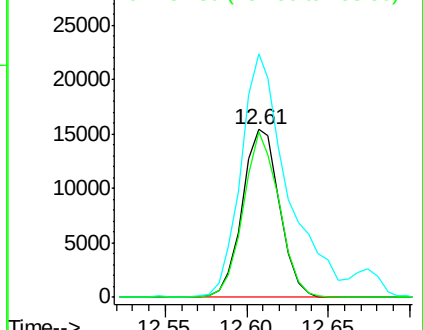
158 94.7 48.0 144.2



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: 5.305 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000183.D

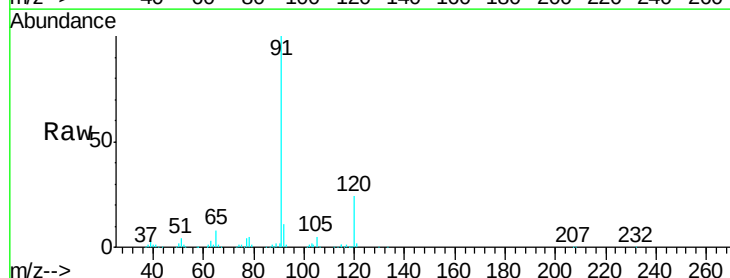
Acq: 03 Oct 2019 13:20

Tgt Ion: 91 Resp: 98268

Ion Ratio Lower Upper

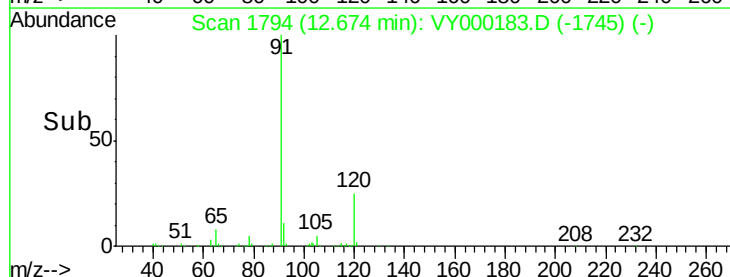
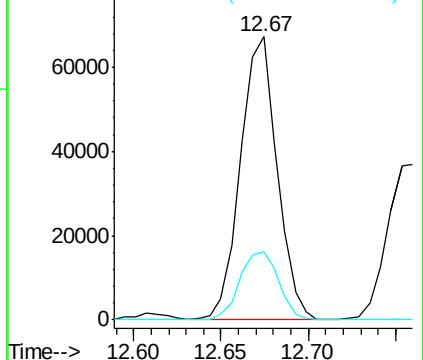
91 100

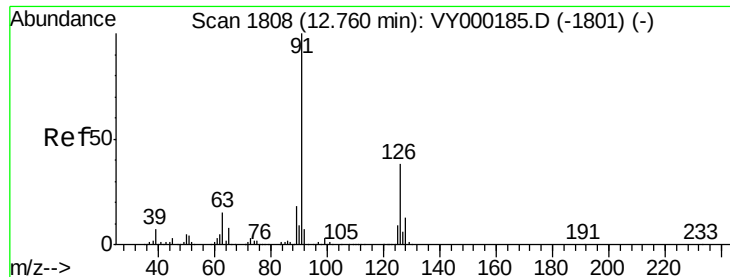
120 25.5 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.416 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

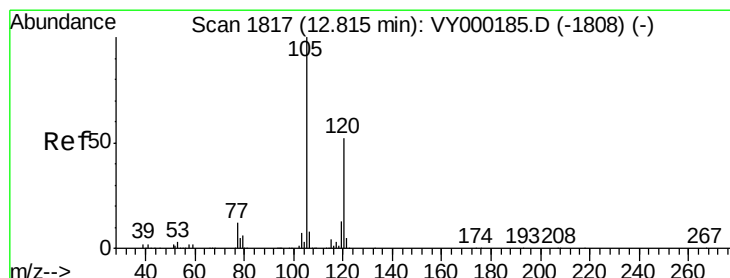
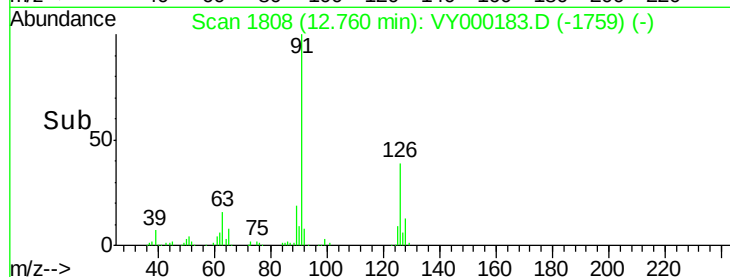
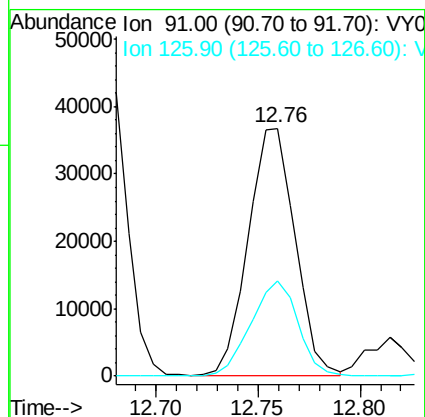
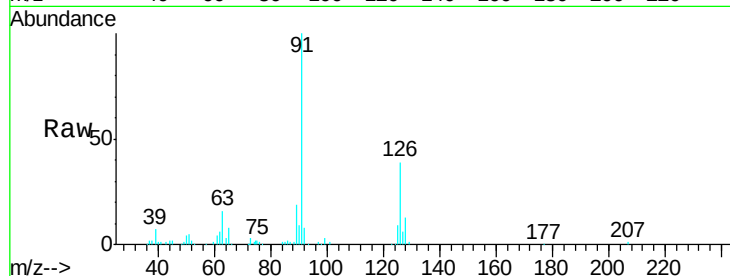
VSTDIC005

Tgt Ion: 91 Resp: 59121

Ion Ratio Lower Upper

91 100

126 38.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 5.284 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000183.D

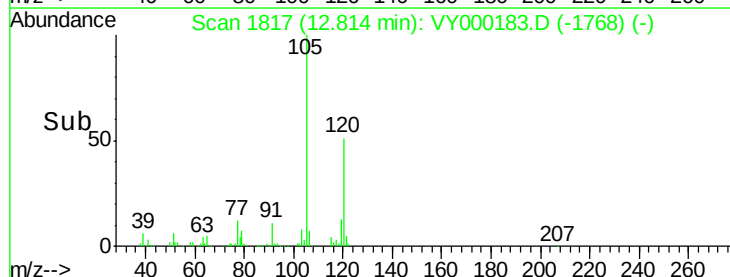
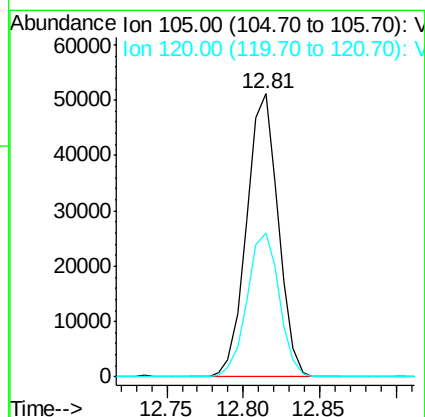
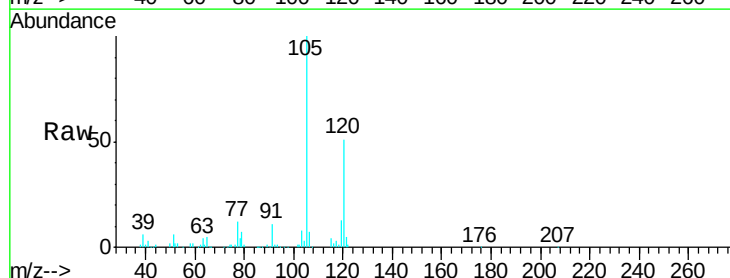
Acq: 03 Oct 2019 13:20

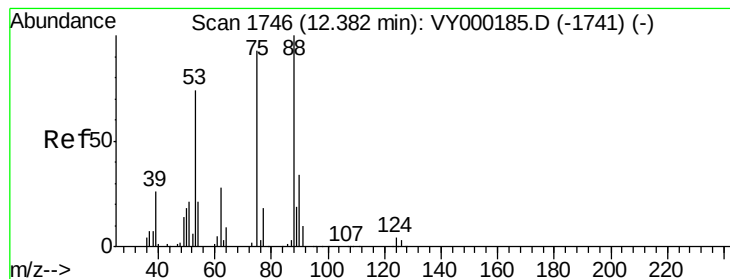
Tgt Ion: 105 Resp: 73405

Ion Ratio Lower Upper

105 100

120 52.1 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.505 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

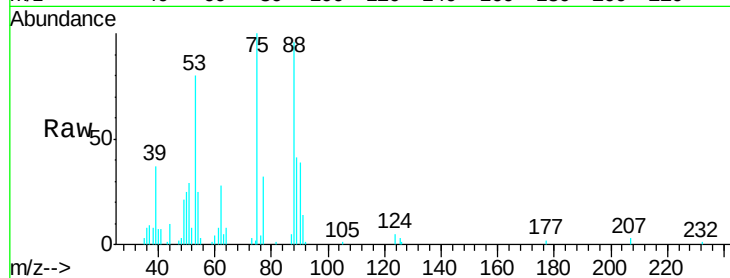
Tgt Ion: 75 Resp: 11063

Ion Ratio Lower Upper

75 100

53 89.1 67.7 101.5

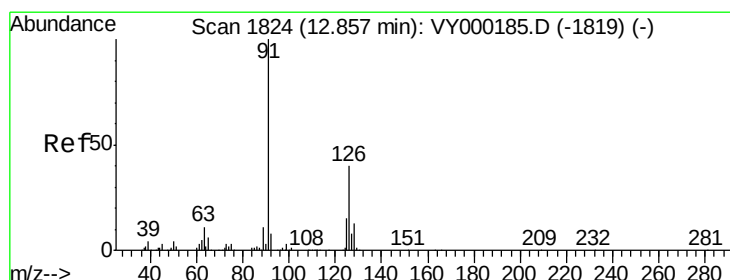
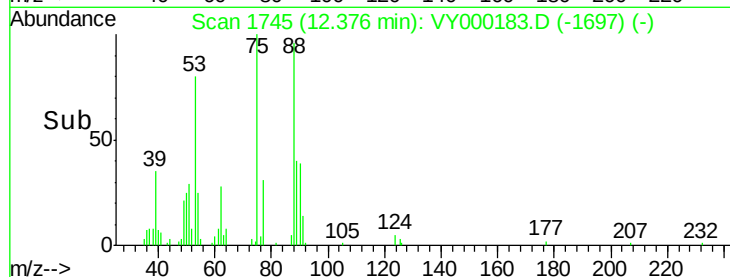
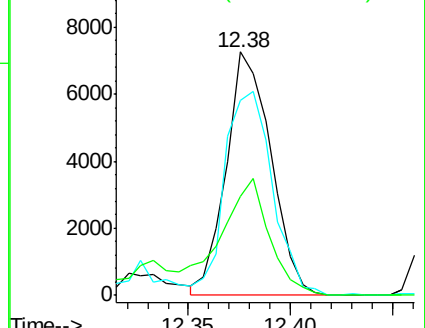
89 52.7 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VY000185.D (-1741) (-)

Ion 53.00 (52.70 to 53.70): VY000185.D (-1741) (-)

Ion 88.90 (88.60 to 89.60): VY000185.D (-1741) (-)



#82

4-Chlorotoluene

Concen: 4.941 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000183.D

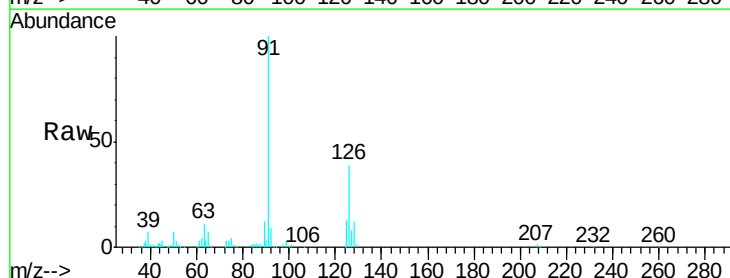
Acq: 03 Oct 2019 13:20

Tgt Ion: 91 Resp: 57423

Ion Ratio Lower Upper

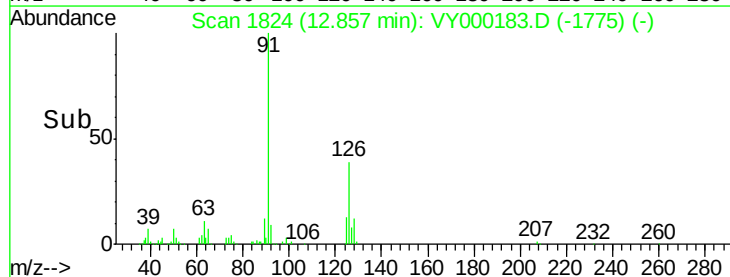
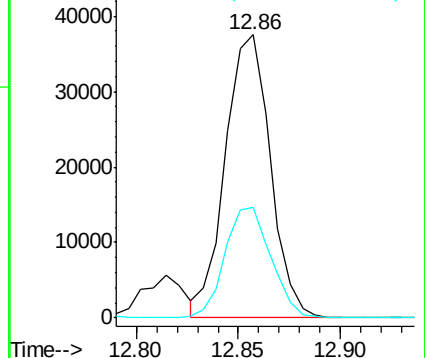
91 100

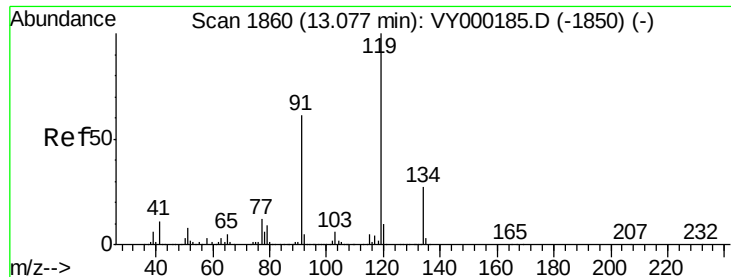
126 39.6 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY000185.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY000185.D (-1819) (-)

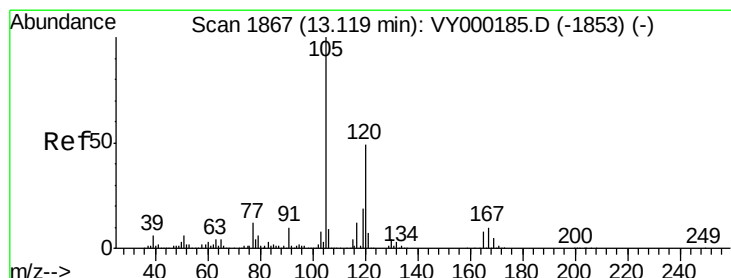
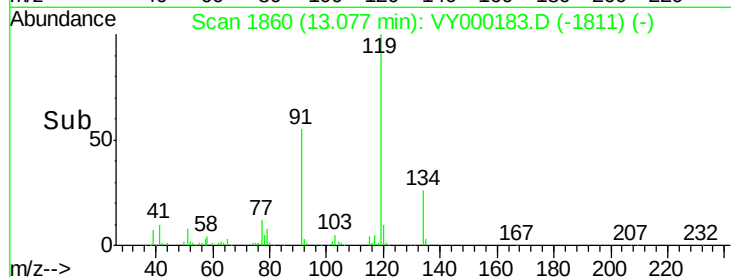
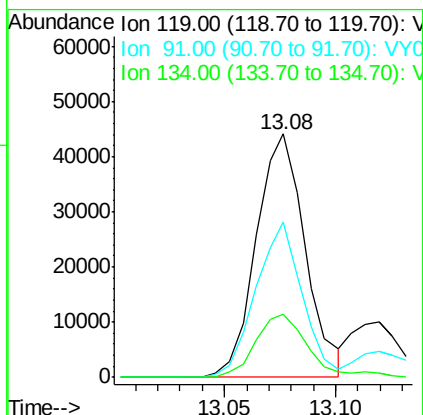
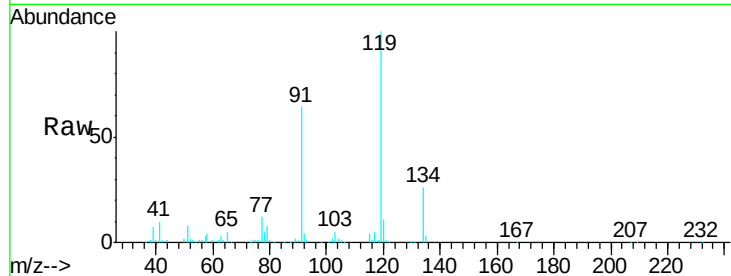




#83
 tert-Butylbenzene
 Concen: 5.322 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

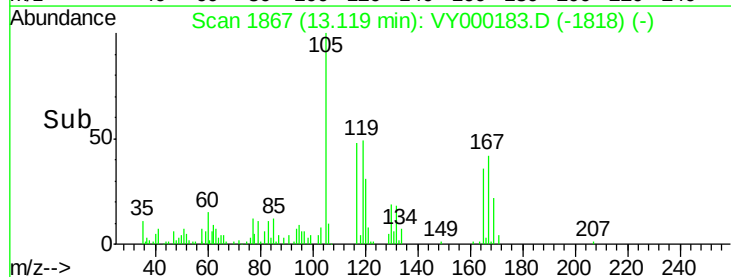
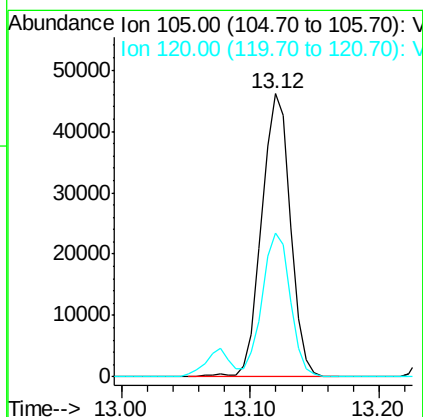
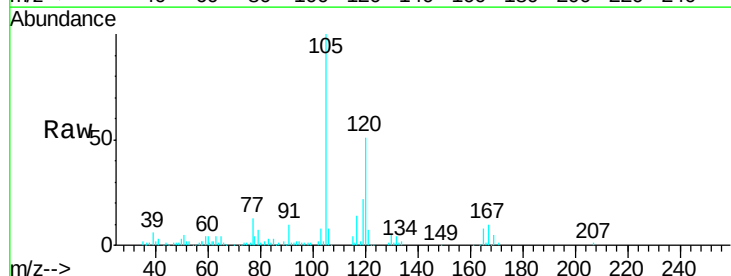
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

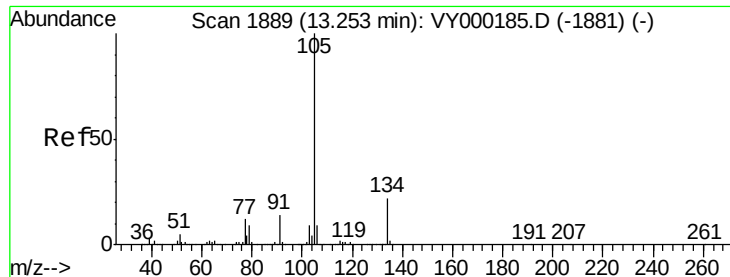
Tgt Ion:119 Resp: 67390
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.6 92.0
 134 27.8 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.176 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion:105 Resp: 71363
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.0 72.0





#85

sec-Butylbenzene

Concen: 5.113 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

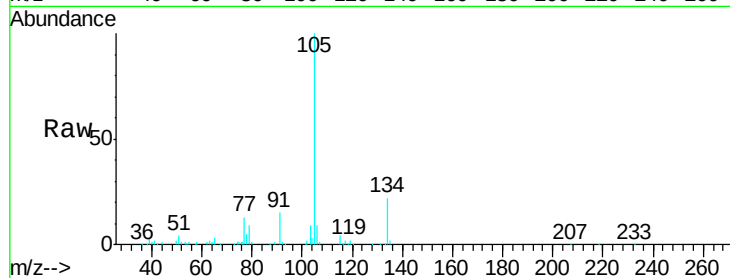
VSTDIC005

Tgt Ion:105 Resp: 86656

Ion Ratio Lower Upper

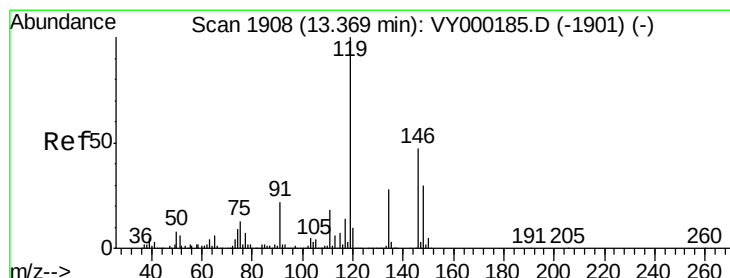
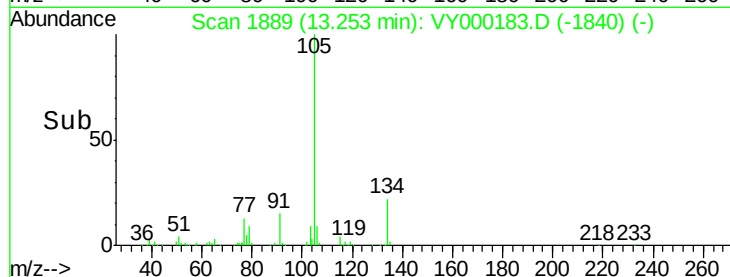
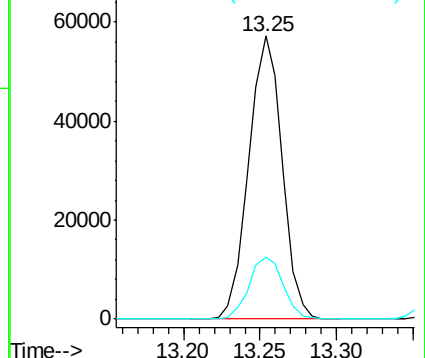
105 100

134 22.5 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: 5.128 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

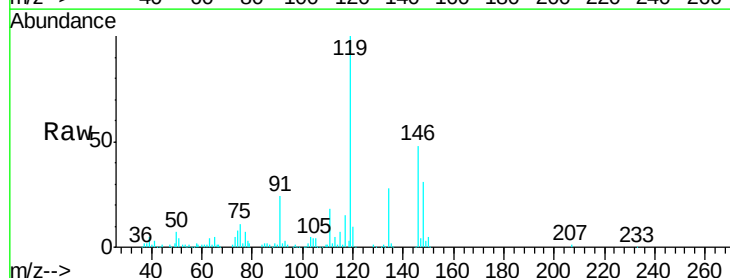
Tgt Ion:119 Resp: 79712

Ion Ratio Lower Upper

119 100

134 27.7 14.1 42.2

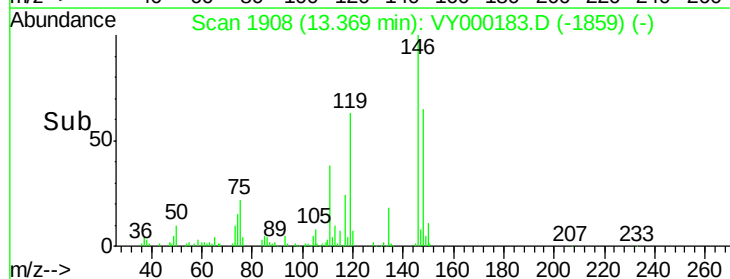
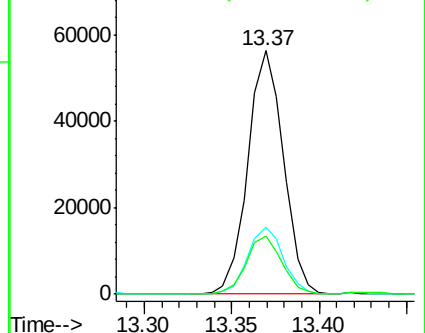
91 24.0 11.2 33.5

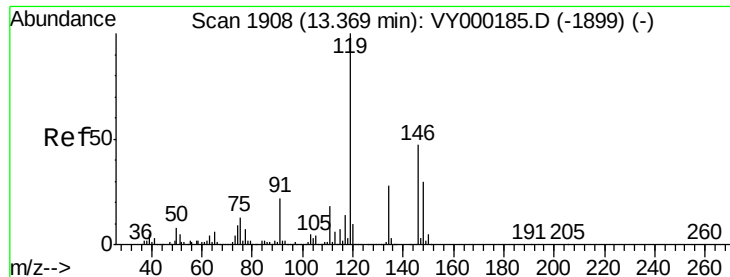


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

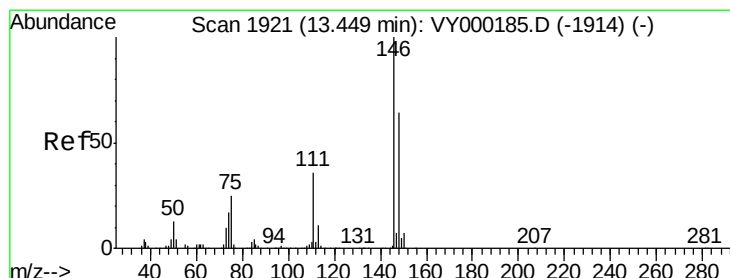
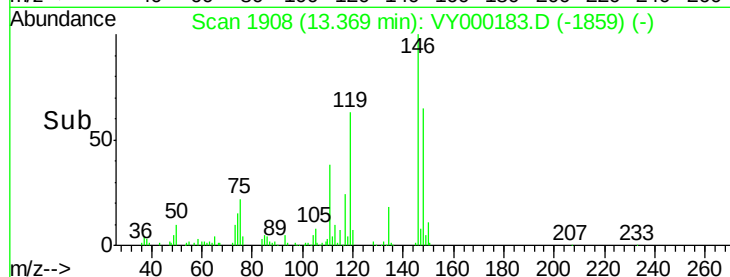
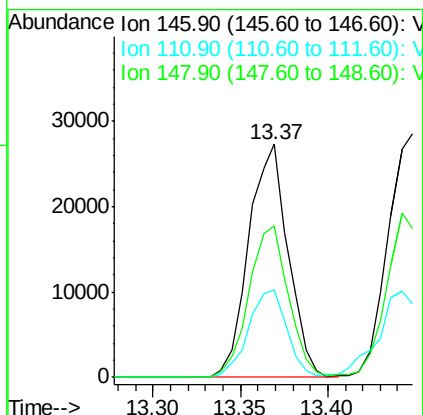
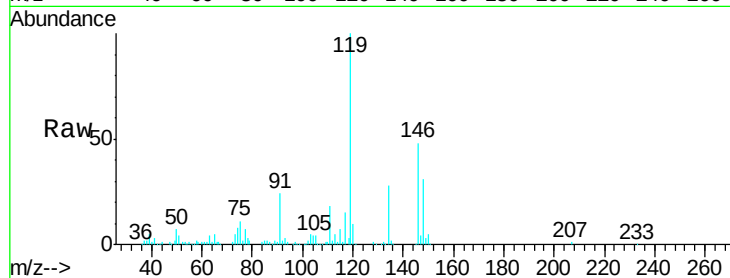




#87
 1,3-Dichlorobenzene
 Concen: 5.193 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

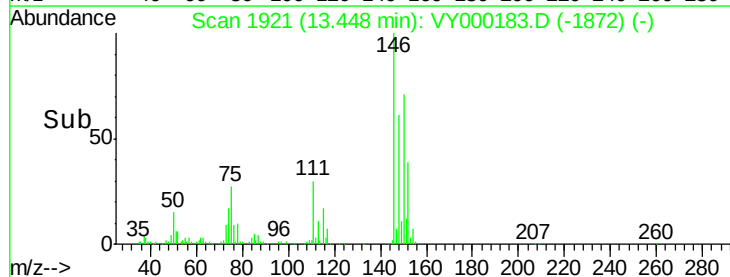
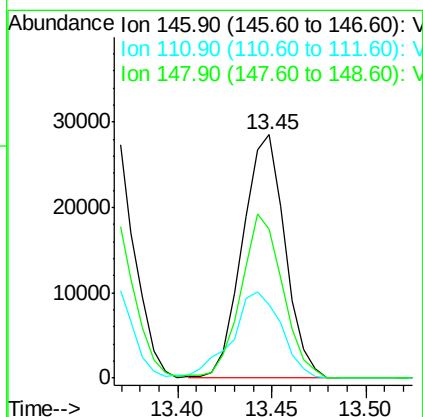
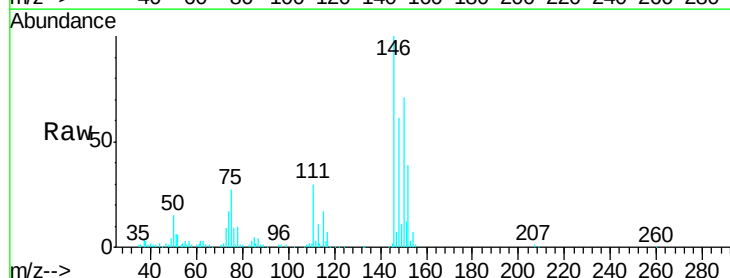
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

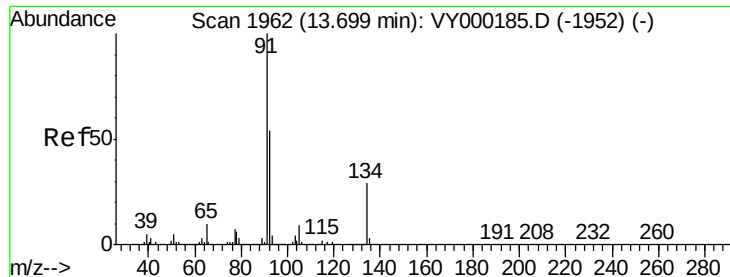
Tgt Ion:146 Resp: 42760
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.7
 148 65.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 5.195 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion:146 Resp: 44529
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.1 54.1
 148 66.6 32.3 96.8





#89

n-Butylbenzene

Concen: 4.747 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

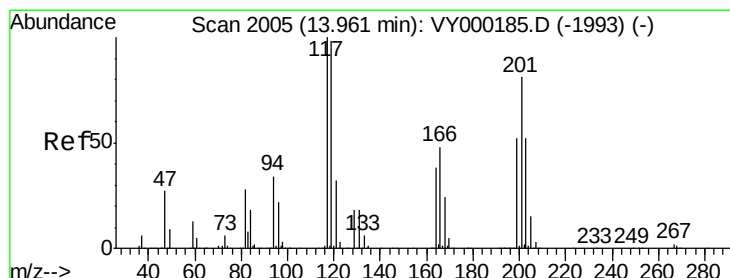
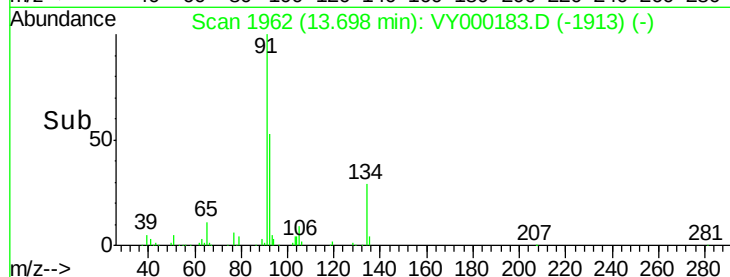
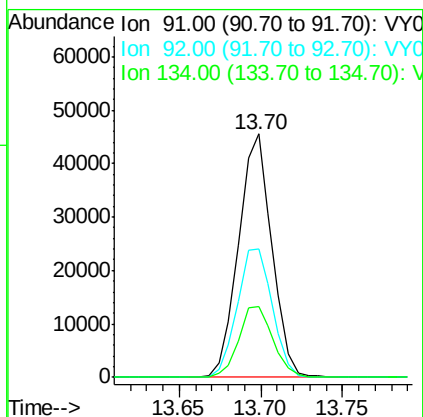
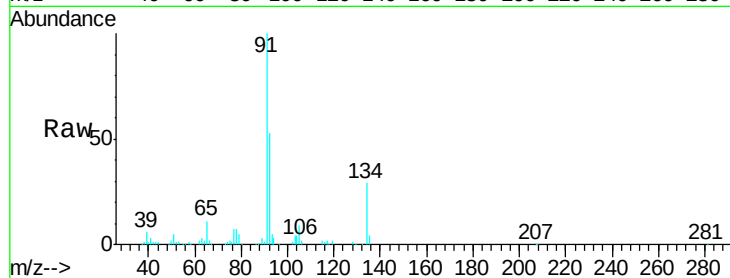
Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	64811
Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.1	81.3
134	29.7	14.4	43.0



#90

Hexachloroethane

Concen: 4.714 ug/l

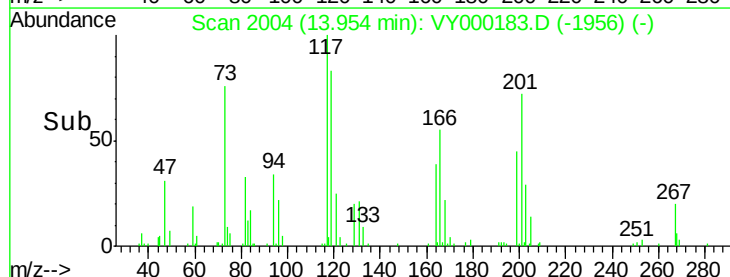
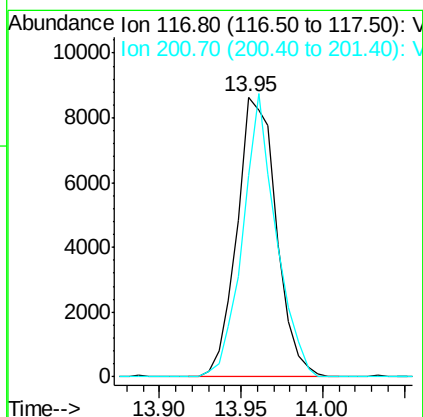
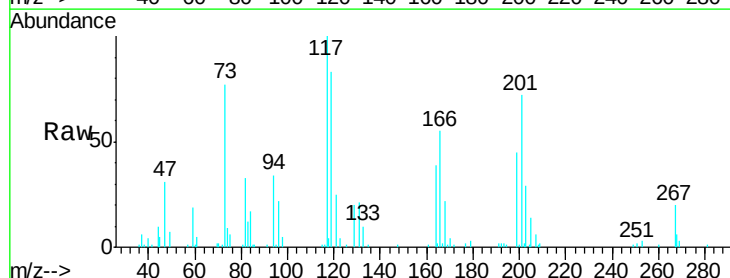
RT: 13.95 min Scan# 2004

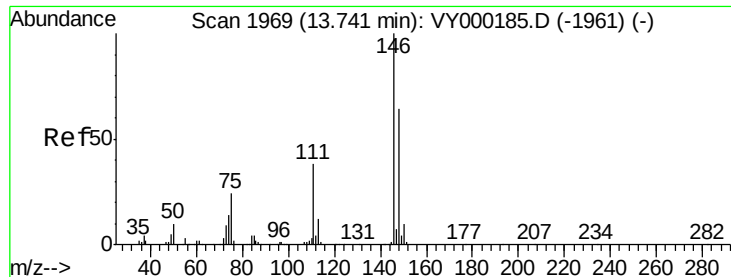
Delta R.T. -0.01 min

Lab File: VY000183.D

Acq: 03 Oct 2019 13:20

Tgt Ion:	117	Resp:	14523
Ion	Ratio	Lower	Upper
117	100		
201	85.6	42.6	128.0

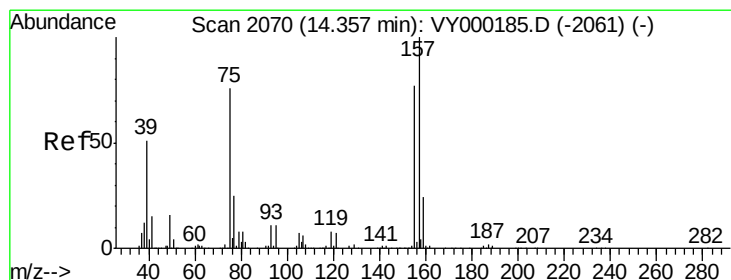
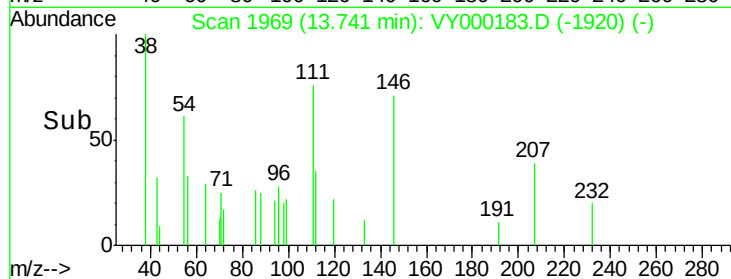
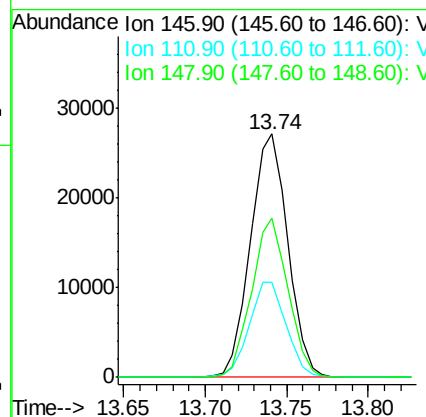
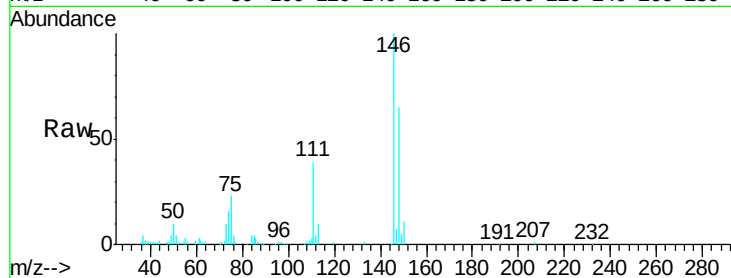




#91
 1,2-Dichlorobenzene
 Concen: 5.166 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

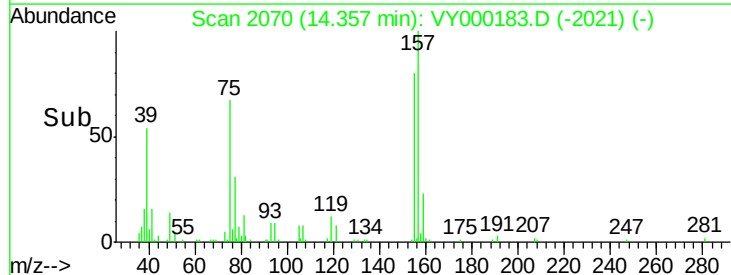
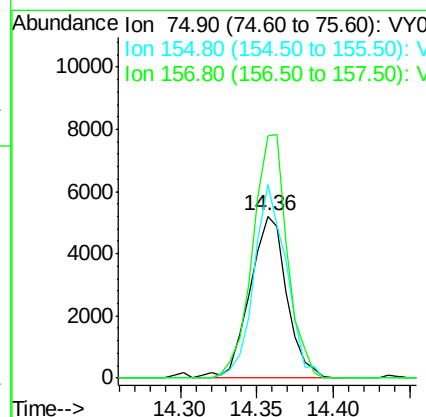
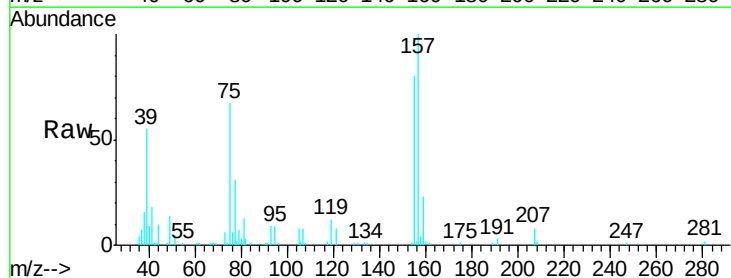
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

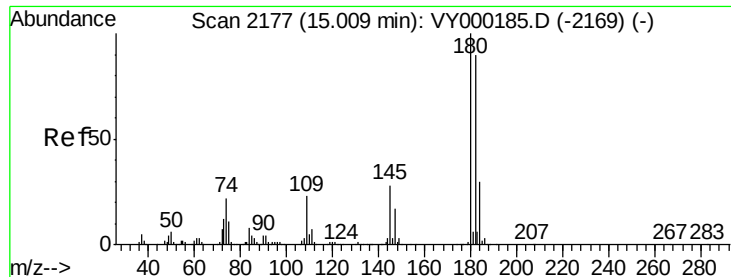
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.422 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.3	52.3	157.1
157	141.6	66.8	200.3

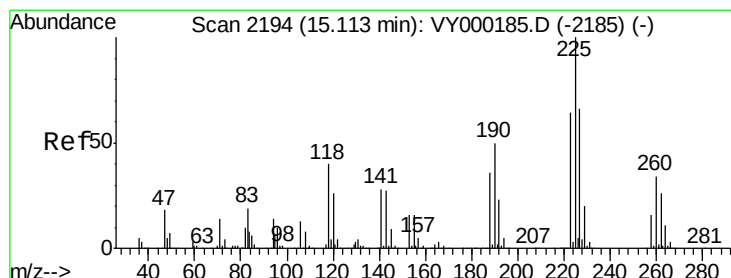
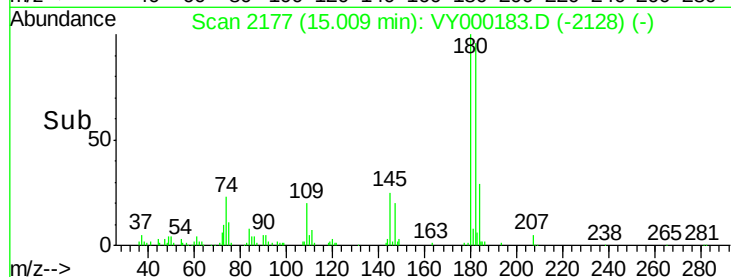
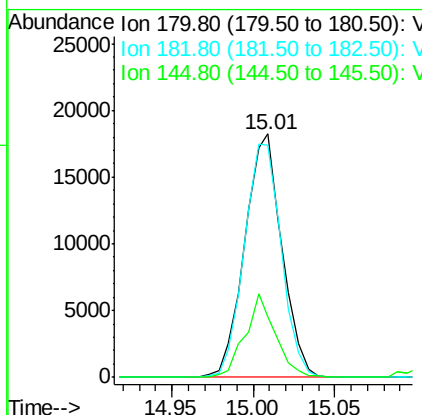
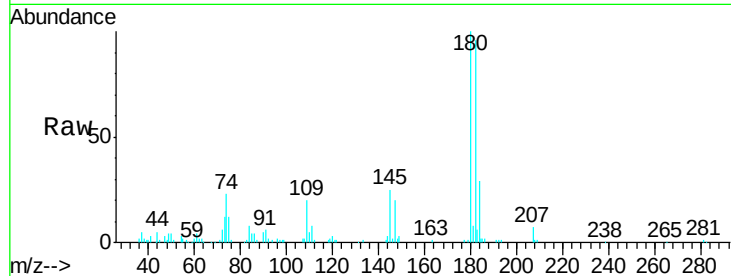




#93
 1,2,4-Trichlorobenzene
 Concen: 4.714 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

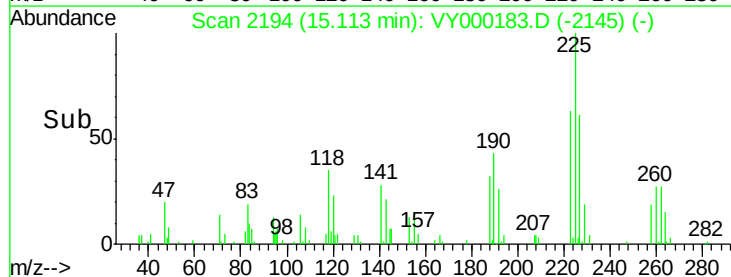
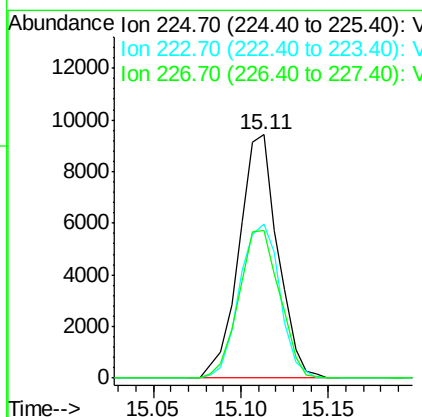
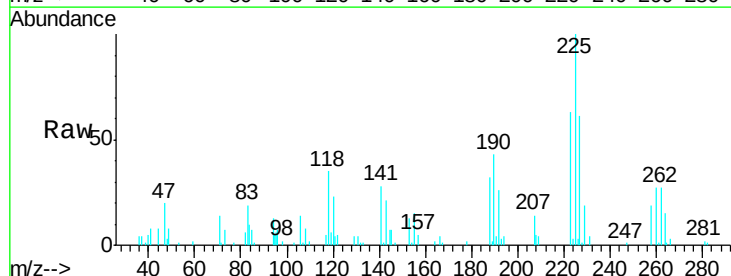
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

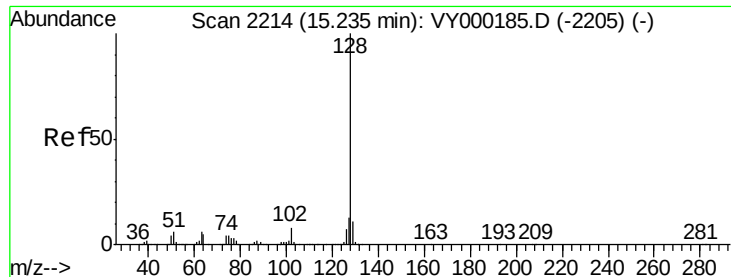
Tgt Ion:180 Resp: 28861
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 28.1 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 5.096 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000183.D
 Acq: 03 Oct 2019 13:20

Tgt Ion:225 Resp: 14499
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.9 95.9
 227 64.1 32.1 96.3

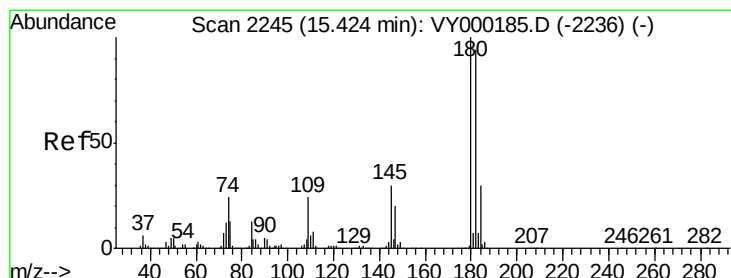
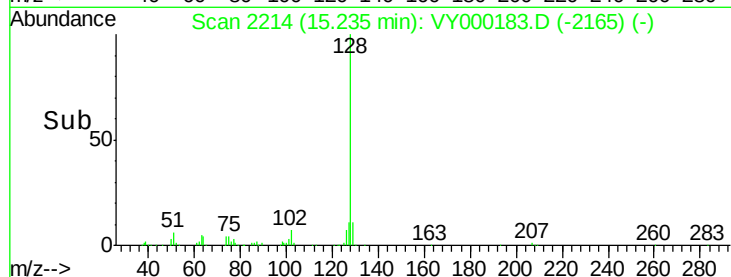
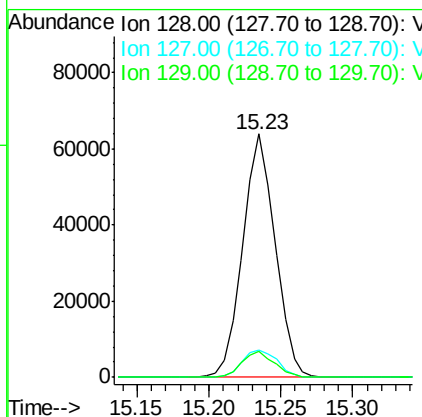
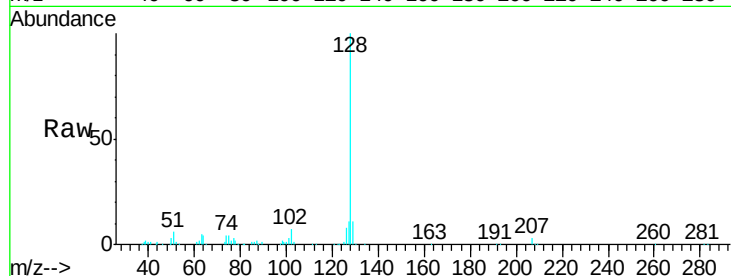




#95
Naphthalene
Concen: 4.600 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 99440
Ion Ratio Lower Upper
128 100
127 12.3 9.9 14.9
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.690 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000183.D
Acq: 03 Oct 2019 13:20

Tgt Ion:180 Resp: 28405
Ion Ratio Lower Upper
180 100
182 98.2 47.7 143.1
145 32.8 15.4 46.2

