

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000484.D
 Acq On : 30 Oct 2019 11:01
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 30 13:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	383963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	24005	9.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.84%	
35) Dibromofluoromethane	7.72	113	24114	10.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.40%	
50) Toluene-d8	10.18	98	79151	9.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.50%	
62) 4-Bromofluorobenzene	12.48	95	34217	10.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	24818	10.786	ug/l	95
3) Chloromethane	2.11	50	31834	10.043	ug/l	99
4) Vinyl Chloride	2.25	62	30809	10.467	ug/l	97
5) Bromomethane	2.64	94	19732	11.179	ug/l	98
6) Chloroethane	2.79	64	18977	10.301	ug/l	98
7) Trichlorofluoromethane	3.13	101	42497	10.690	ug/l	97
8) Diethyl Ether	3.53	74	14426	10.213	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	25367	10.555	ug/l	98
10) Methyl Iodide	4.10	142	25577	9.023	ug/l	99
11) Tert butyl alcohol	4.97	59	11992	50.927	ug/l #	91
12) 1,1-Dichloroethene	3.87	96	24425	10.461	ug/l	91
13) Acrolein	3.73	56	9061	44.176	ug/l	93
14) Allyl chloride	4.49	41	38729	10.201	ug/l	97
15) Acrylonitrile	5.18	53	37557	51.905	ug/l	96
16) Acetone	3.96	43	32814	49.218	ug/l	97
17) Carbon Disulfide	4.20	76	76853	10.436	ug/l	98
18) Methyl Acetate	4.49	43	19593	9.451	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	64837	9.987	ug/l	99
20) Methylene Chloride	4.72	84	30873	10.807	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	26998	10.228	ug/l	91
22) Diisopropyl ether	6.13	45	80020	9.697	ug/l	95
23) Vinyl Acetate	6.07	43	260409	49.989	ug/l #	92
24) 1,1-Dichloroethane	6.03	63	44386	9.928	ug/l	97
25) 2-Butanone	7.00	43	53730	50.497	ug/l	97
26) 2,2-Dichloropropane	6.99	77	42378	10.373	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	28879	10.005	ug/l	94
28) Bromochloromethane	7.35	49	11496	6.366	ug/l	96
29) Tetrahydrofuran	7.36	42	32333	49.672	ug/l	94
30) Chloroform	7.52	83	46004	10.172	ug/l	95
31) Cyclohexane	7.80	56	48206	10.295	ug/l #	88
32) 1,1,1-Trichloroethane	7.71	97	40896	10.146	ug/l	99
36) 1,1-Dichloropropene	7.92	75	37453	10.318	ug/l	98
37) Ethyl Acetate	7.08	43	22818	10.588	ug/l #	94
38) Carbon Tetrachloride	7.91	117	35759	10.238	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	48742	10.394	ug/l	93
40) Benzene	8.17	78	111098	10.440	ug/l	100
41) Methacrylonitrile	7.36	41	29557	24.594	ug/l #	38
42) 1,2-Dichloroethane	8.25	62	31266	10.359	ug/l	97
43) Isopropyl Acetate	8.28	43	40753	10.067	ug/l	97
44) Trichloroethene	8.95	130	28430	10.133	ug/l	88
45) 1,2-Dichloropropane	9.22	63	26012	9.932	ug/l	94
46) Dibromomethane	9.31	93	14863	10.319	ug/l	97
47) Bromodichloromethane	9.50	83	34438	10.076	ug/l	95
48) Methyl methacrylate	9.30	41	18113	10.240	ug/l	99
49) 1,4-Dioxane	9.30	88	3643	187.920	ug/l #	76
51) 4-Methyl-2-Pentanone	10.08	43	110608	51.390	ug/l	99
52) Toluene	10.25	92	68632	10.201	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	35914	9.834	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	42572	10.176	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	20927	10.045	ug/l	96
56) Ethyl methacrylate	10.51	69	28628	9.695	ug/l	97
57) 1,3-Dichloropropane	10.79	76	37332	10.238	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	61078	45.753	ug/l	99
59) 2-Hexanone	10.83	43	77281	49.281	ug/l	99
60) Dibromochloromethane	10.99	129	24209	10.145	ug/l	95
61) 1,2-Dibromoethane	11.09	107	19947	9.958	ug/l	92
64) Tetrachloroethene	10.72	164	32084	11.309	ug/l	83
65) Chlorobenzene	11.52	112	72190	10.377	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	24591	10.193	ug/l	99
67) Ethyl Benzene	11.59	91	133327	10.414	ug/l	97
68) m/p-Xylenes	11.70	106	101599	20.503	ug/l	100
69) o-Xylene	12.03	106	47914	10.288	ug/l	92
70) Styrene	12.04	104	79014	9.908	ug/l	98
71) Bromoform	12.20	173	13691	9.866	ug/l #	95
73) Isopropylbenzene	12.33	105	125703	10.287	ug/l	97
74) N-amyl acetate	12.14	43	33463	9.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	25132	10.388	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	34877	11.407	ug/l #	100
77) Bromobenzene	12.61	156	29193	10.535	ug/l	92
78) n-propylbenzene	12.67	91	152534	10.346	ug/l	100
79) 2-Chlorotoluene	12.75	91	84705	10.349	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	106423	10.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	7848	9.347	ug/l	94
82) 4-Chlorotoluene	12.85	91	85992	10.135	ug/l	97
83) tert-Butylbenzene	13.08	119	91507	10.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	102573	10.123	ug/l	98
85) sec-Butylbenzene	13.25	105	126536	10.221	ug/l	98
86) p-Isopropyltoluene	13.37	119	114593	10.386	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	58070	10.699	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	57169	10.541	ug/l	96
89) n-Butylbenzene	13.69	91	110224	10.129	ug/l	99
90) Hexachloroethane	13.96	117	20935	10.263	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	51957	10.551	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4775	11.152	ug/l	89

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:10:11 2019
Response via : Initial Calibration

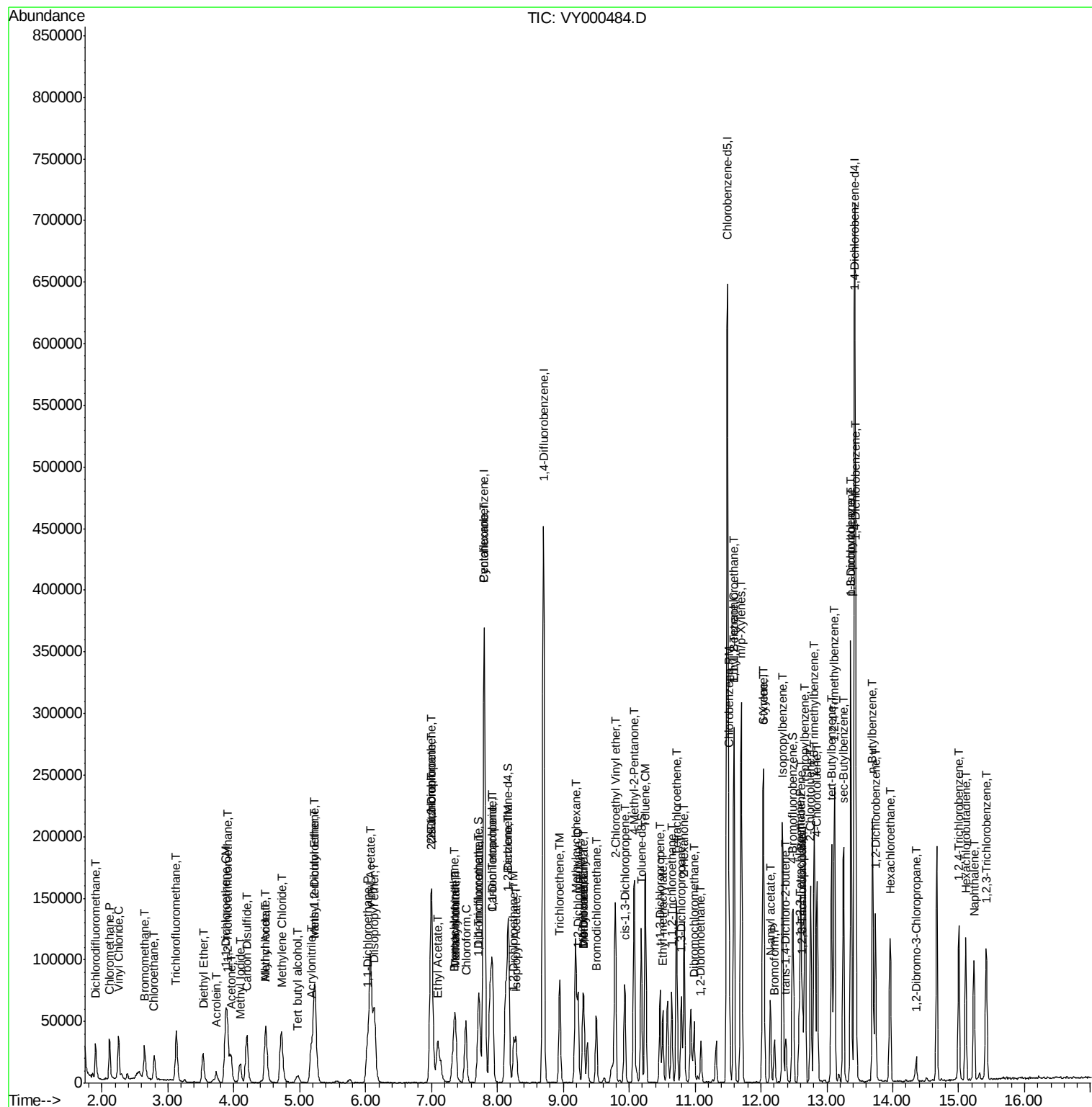
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	36633	10.925	ug/l	97
94) Hexachlorobutadiene	15.11	225	20168	11.669	ug/l	94
95) Naphthalene	15.23	128	78109	10.494	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	32264	10.725	ug/l	99

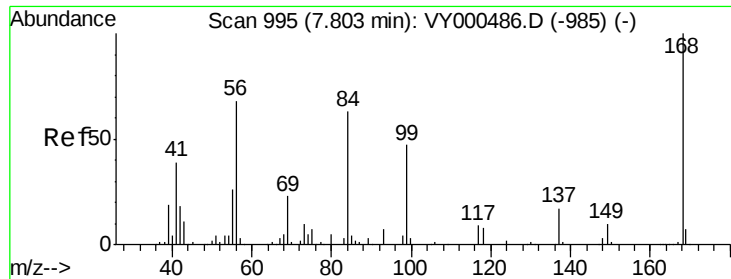
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

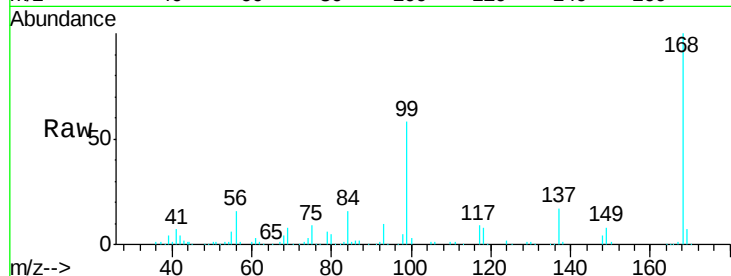
VSTDIC010

Tgt Ion: 168 Resp: 233751

Ion Ratio Lower Upper

168 100

99 57.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

60000

40000

20000

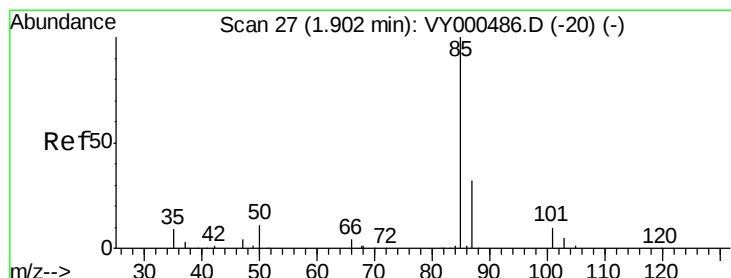
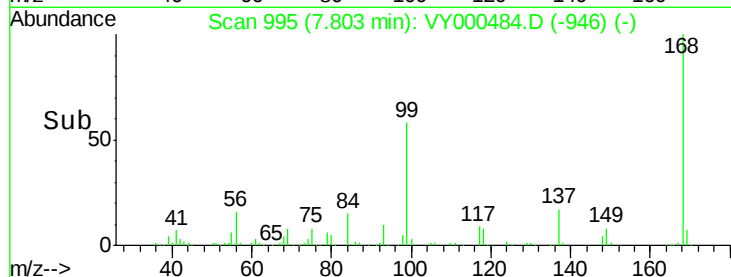
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 10.786 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000484.D

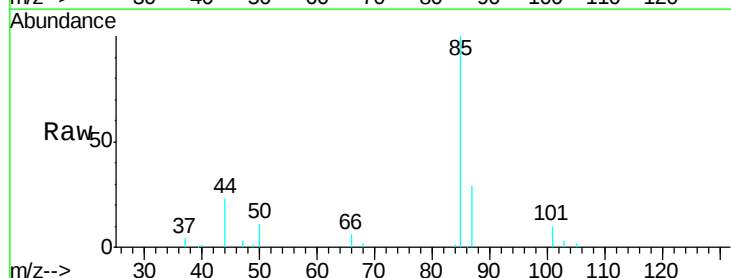
Acq: 30 Oct 2019 11:01

Tgt Ion: 85 Resp: 24818

Ion Ratio Lower Upper

85 100

87 28.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

15000

10000

5000

0

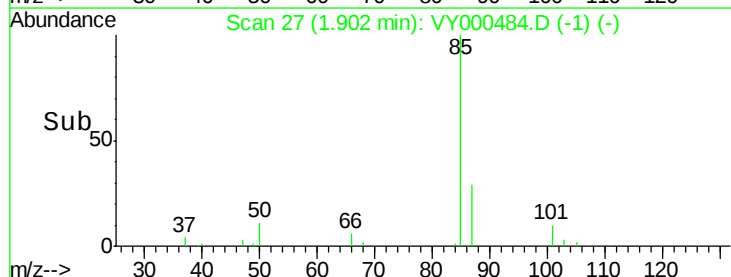
1.85

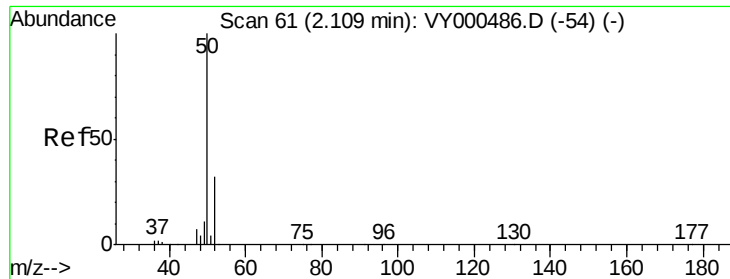
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 10.043 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

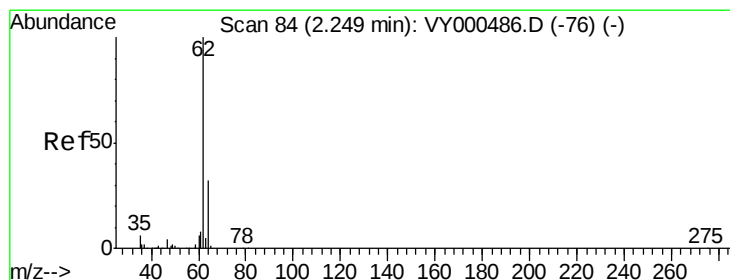
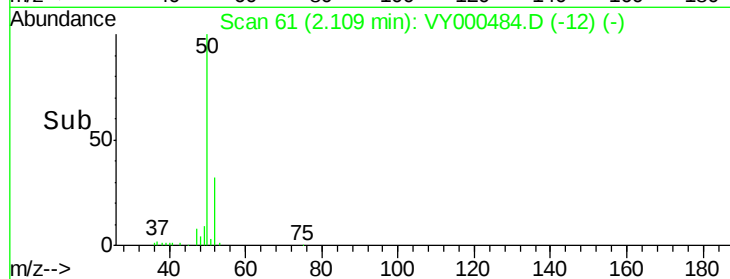
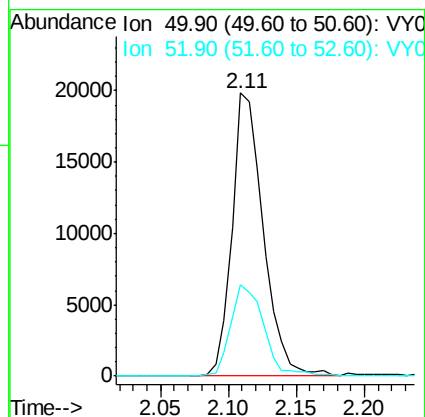
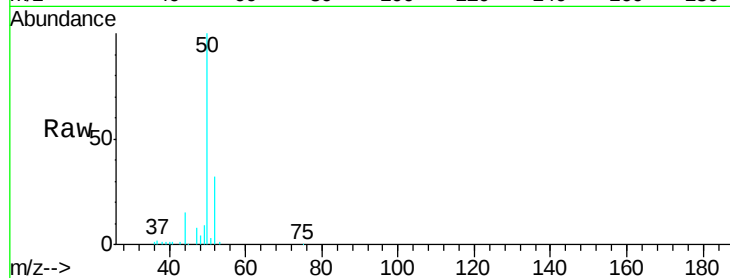
VSTDIC010

Tgt Ion: 50 Resp: 31834

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



#4

Vinyl Chloride

Concen: 10.467 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000484.D

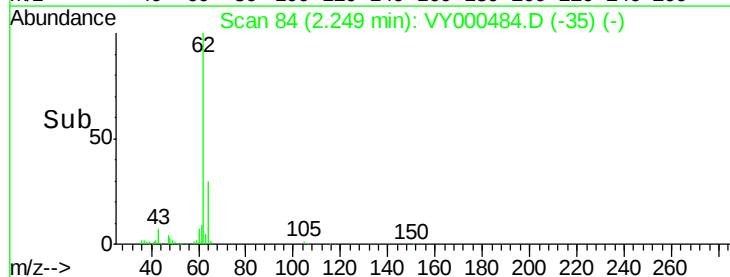
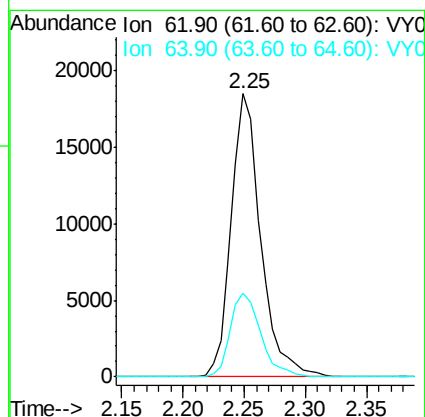
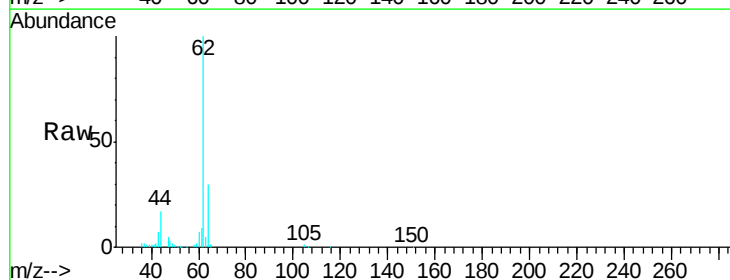
Acq: 30 Oct 2019 11:01

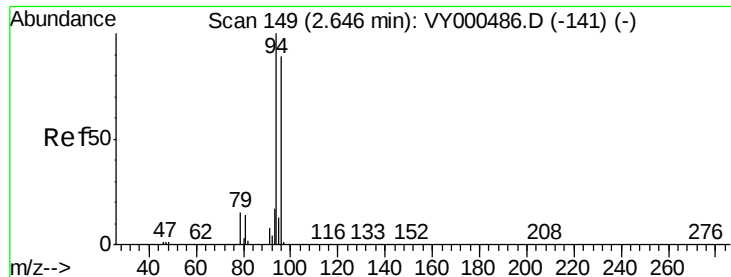
Tgt Ion: 62 Resp: 30809

Ion Ratio Lower Upper

62 100

64 29.6 25.2 37.8





#5

Bromomethane

Concen: 11.179 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

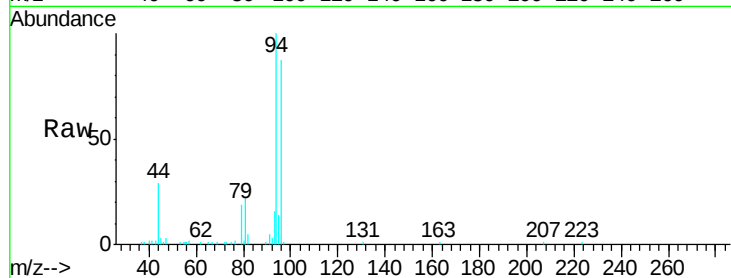
VSTDIC010

Tgt Ion: 94 Resp: 19732

Ion Ratio Lower Upper

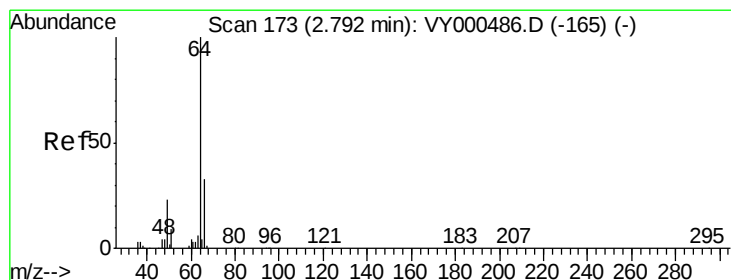
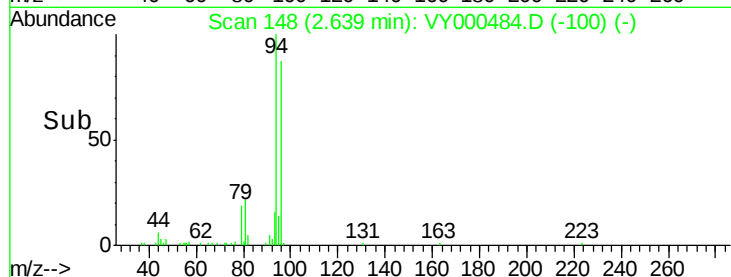
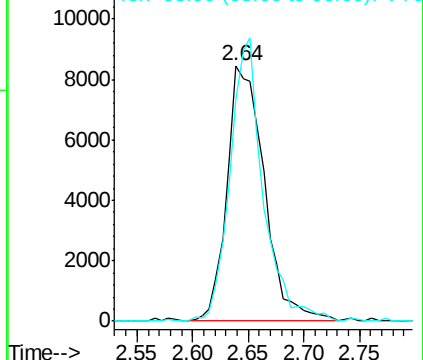
94 100

96 87.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.301 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000484.D

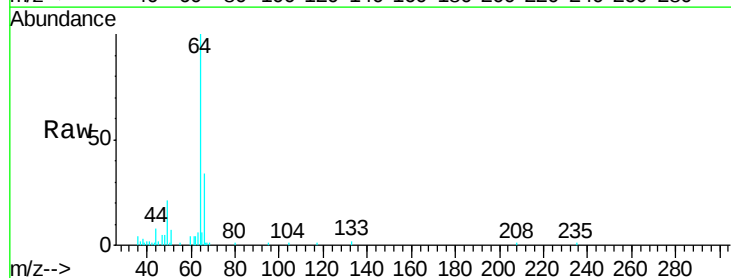
Acq: 30 Oct 2019 11:01

Tgt Ion: 64 Resp: 18977

Ion Ratio Lower Upper

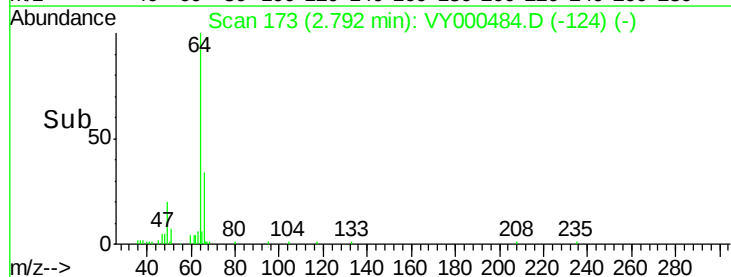
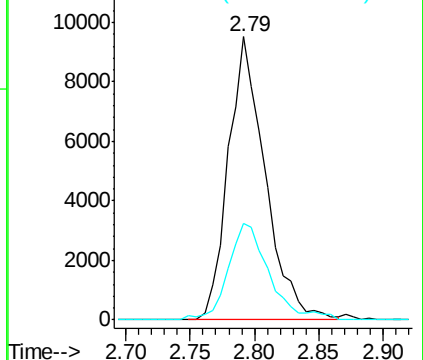
64 100

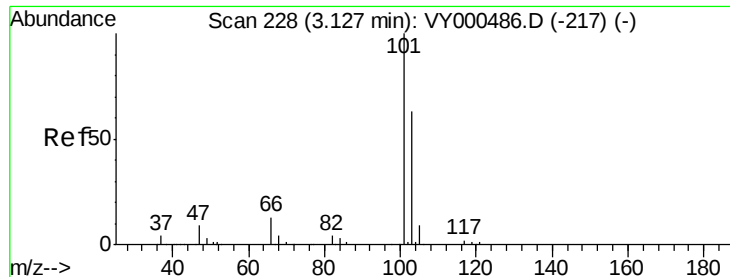
66 34.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



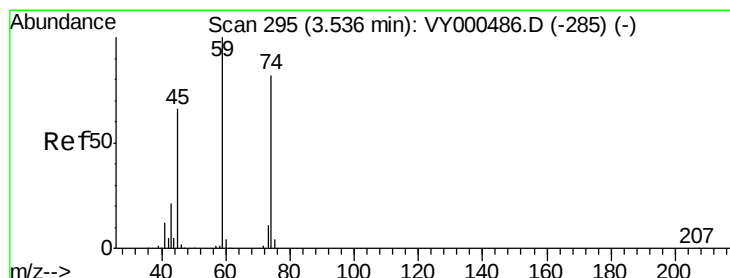
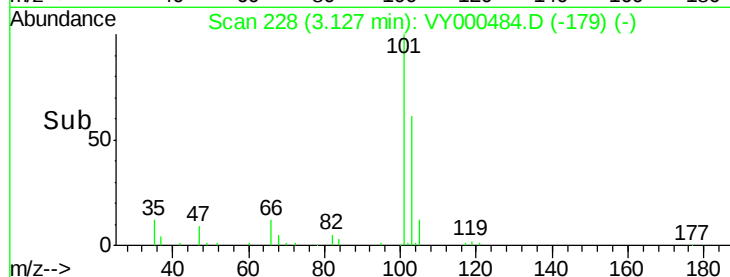
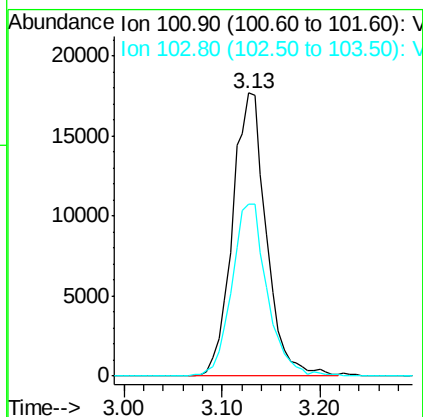
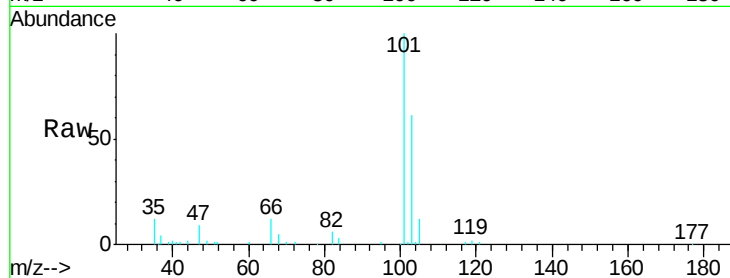


#7

Trichlorofluoromethane
 Concen: 10.690 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
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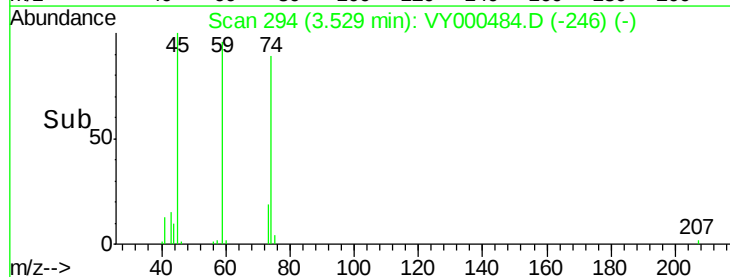
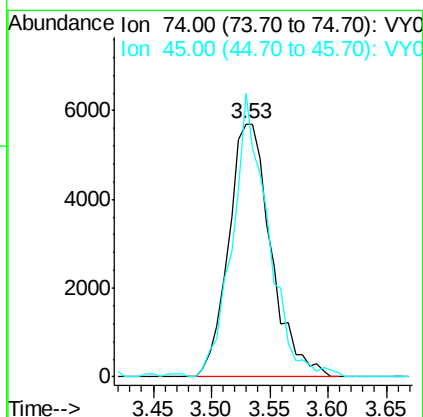
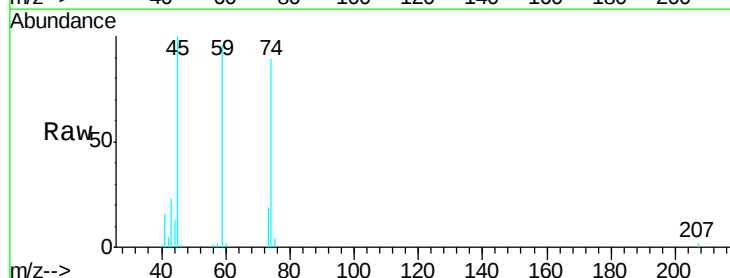
Tgt Ion:101 Resp: 42497
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.5 75.7

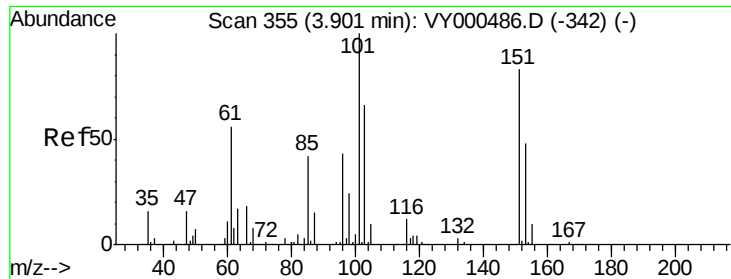


#8

Diethyl Ether
 Concen: 10.213 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion: 74 Resp: 14426
 Ion Ratio Lower Upper
 74 100
 45 94.4 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.555 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

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VSTDIC010

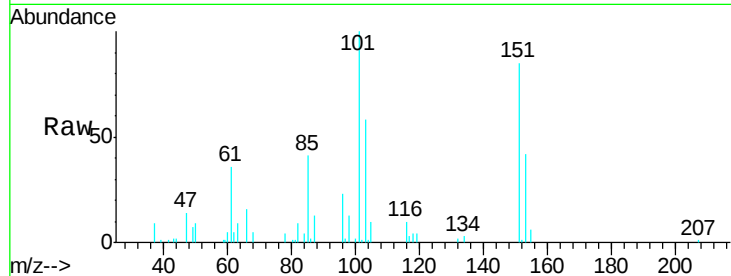
Tgt Ion:101 Resp: 25367

Ion Ratio Lower Upper

101 100

85 46.0 36.7 55.1

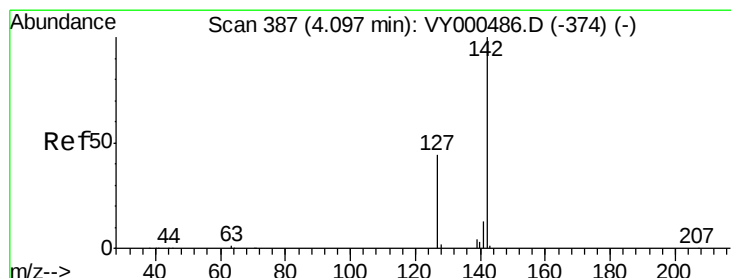
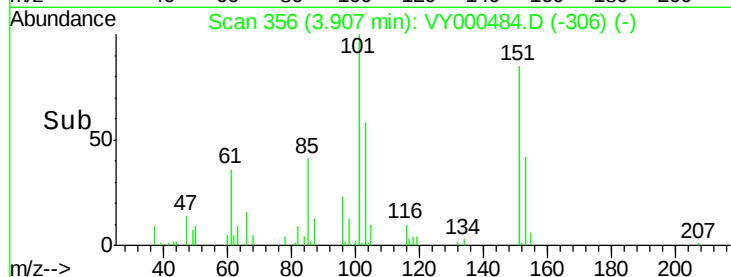
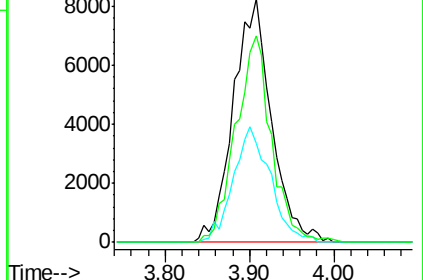
151 78.0 64.3 96.5



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: 9.023 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

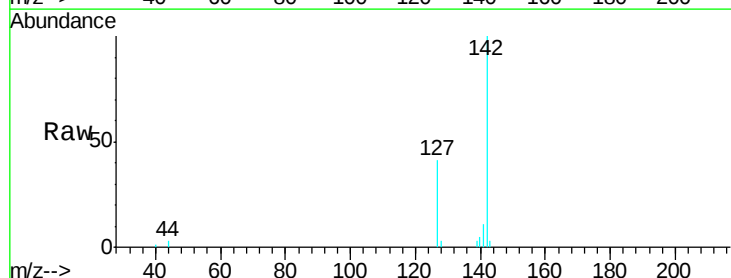
Tgt Ion:142 Resp: 25577

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

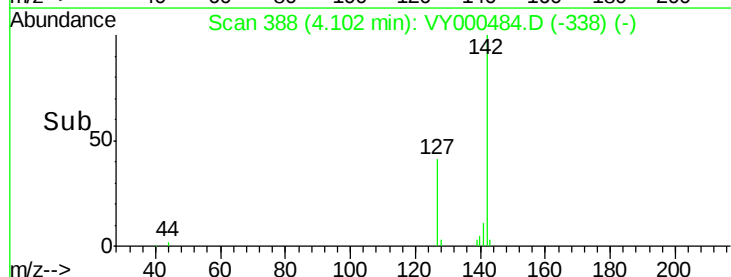
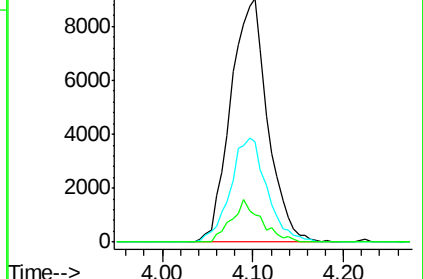
141 14.1 10.9 16.3

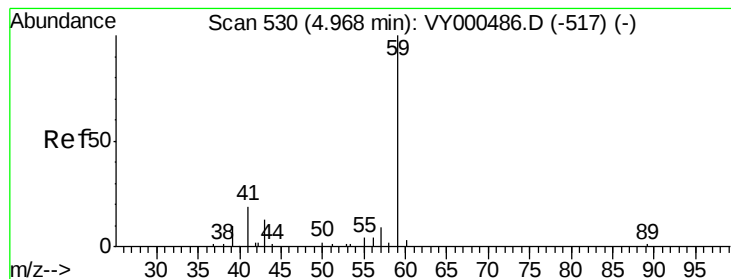


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



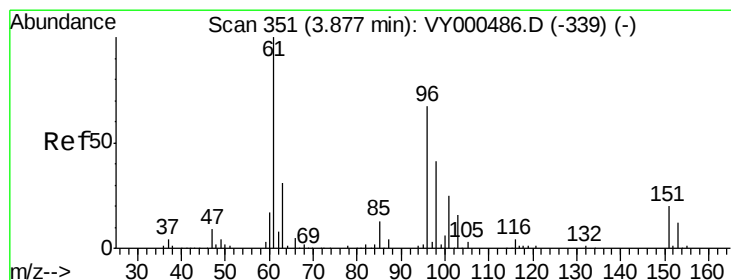
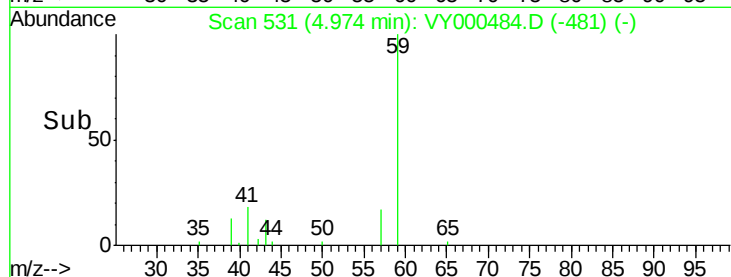
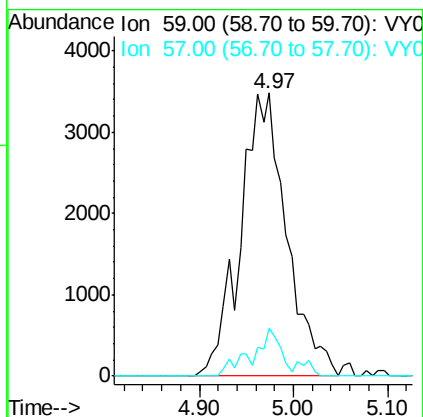
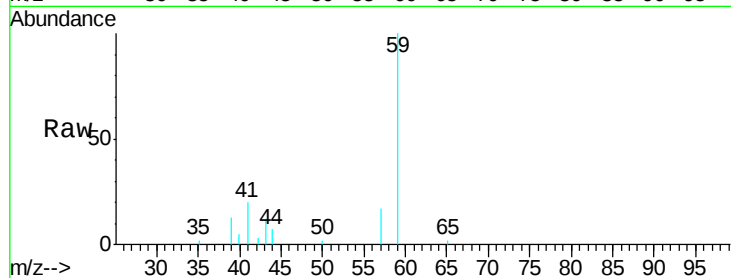


#11

Tert butyl alcohol
 Concen: 50.927 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

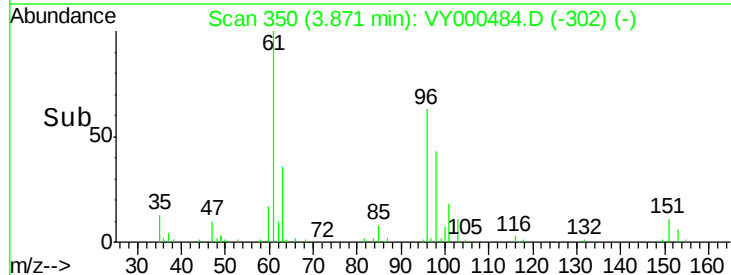
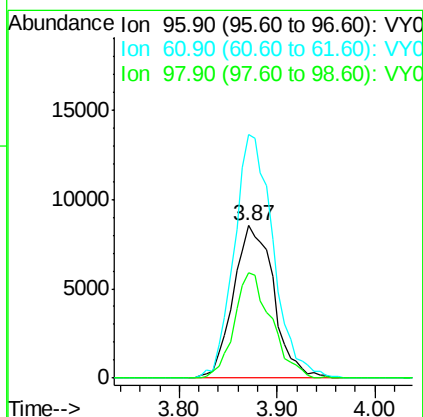
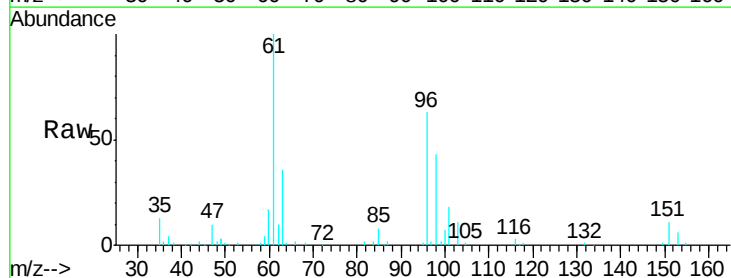
Tgt Ion: 59 Resp: 11992
 Ion Ratio Lower Upper
 59 100
 57 7.2 8.6 12.8#

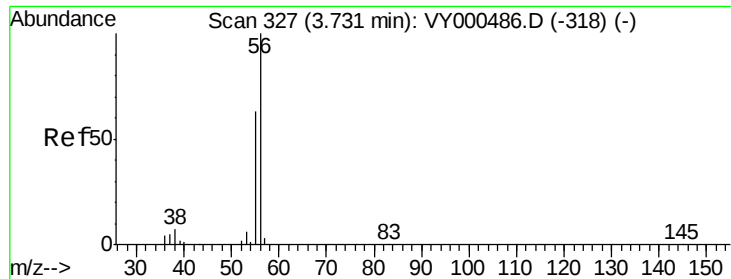


#12

1,1-Dichloroethene
 Concen: 10.461 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion: 96 Resp: 24425
 Ion Ratio Lower Upper
 96 100
 61 159.6 119.2 178.8
 98 69.3 48.6 73.0





#13

Acrolein

Concen: 44.176 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

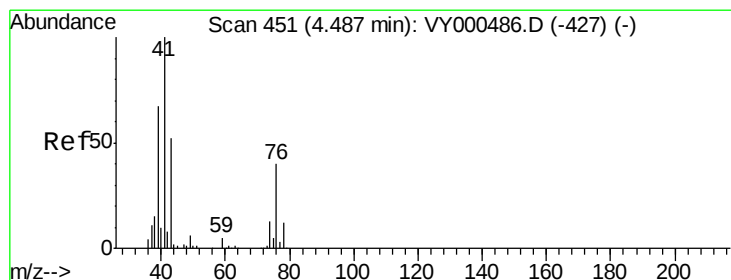
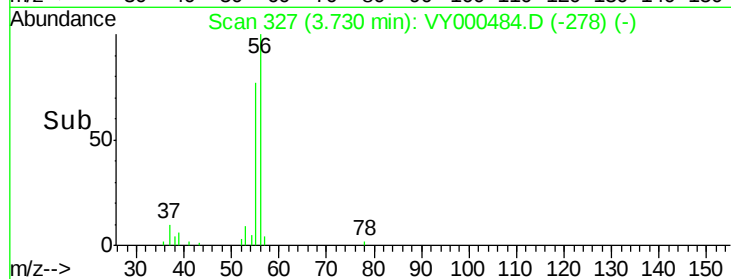
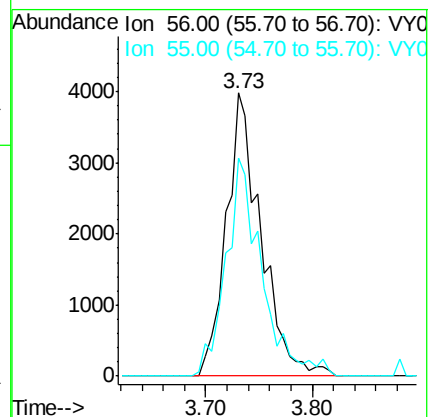
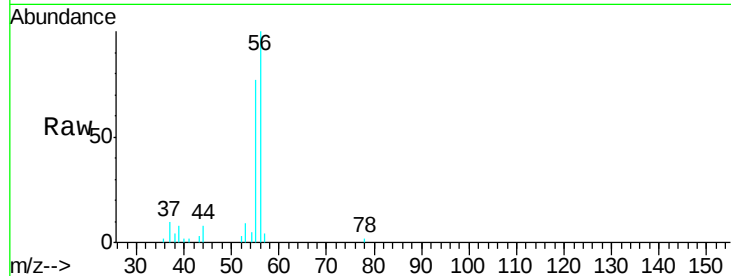
VSTDIC010

Tgt Ion: 56 Resp: 9061

Ion Ratio Lower Upper

56 100

55 76.8 57.0 85.6



#14

Allyl chloride

Concen: 10.201 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

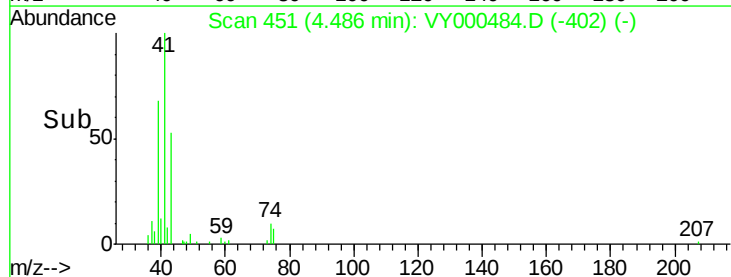
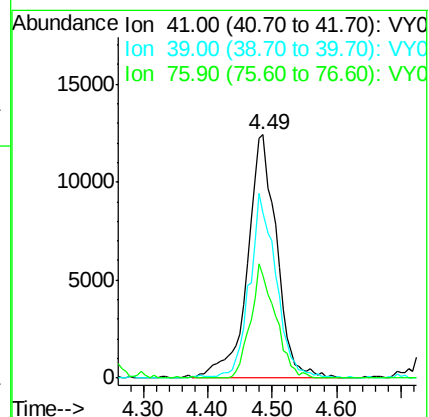
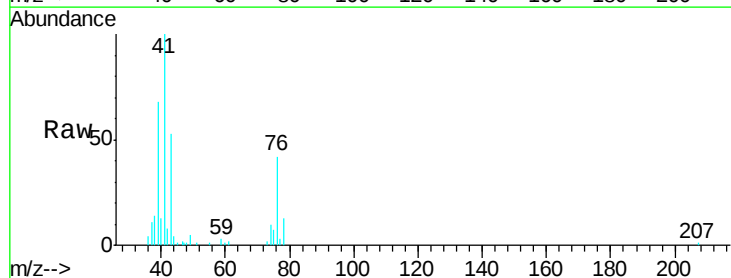
Tgt Ion: 41 Resp: 38729

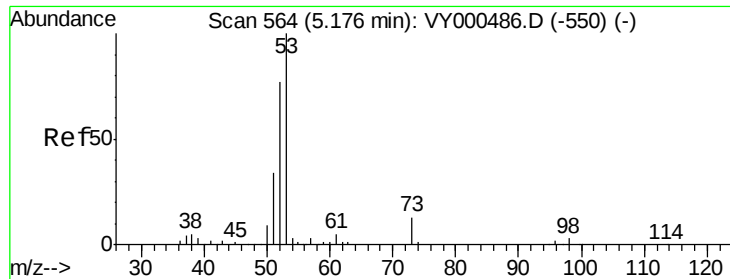
Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

76 39.5 29.8 44.6





#15

Acrylonitrile

Concen: 51.905 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

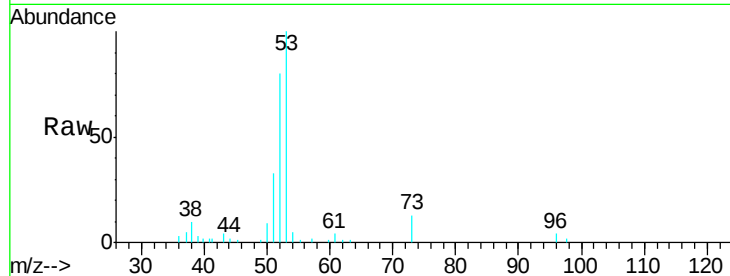
Tgt Ion: 53 Resp: 37557

Ion Ratio Lower Upper

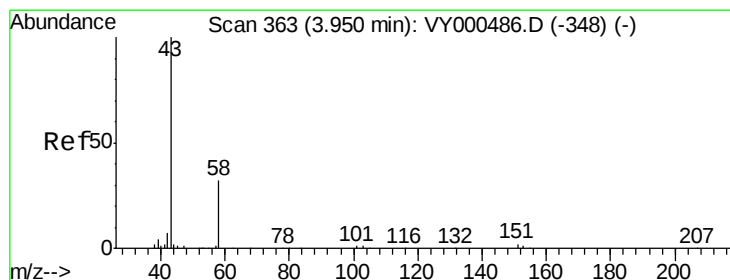
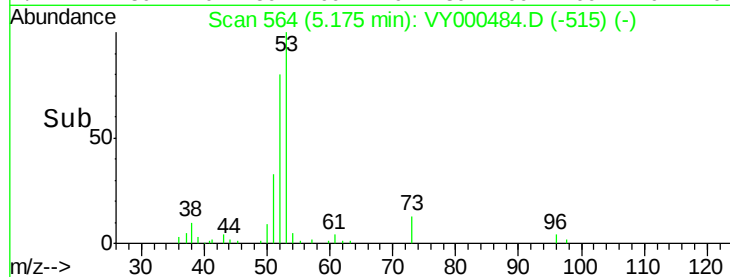
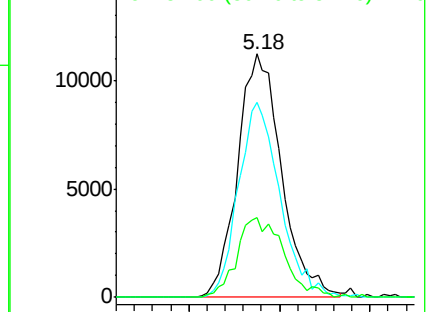
53 100

52 75.9 64.9 97.3

51 34.7 27.6 41.4



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: 49.218 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000484.D

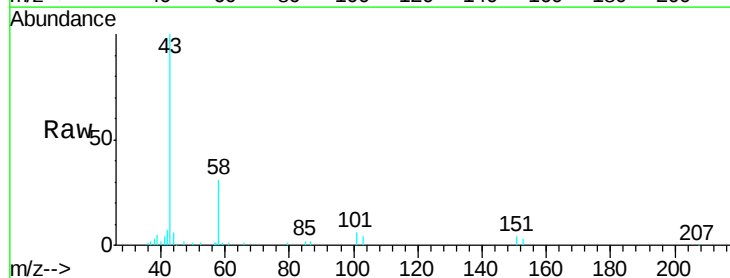
Acq: 30 Oct 2019 11:01

Tgt Ion: 43 Resp: 32814

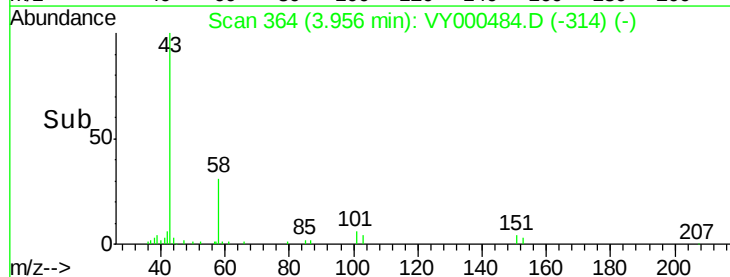
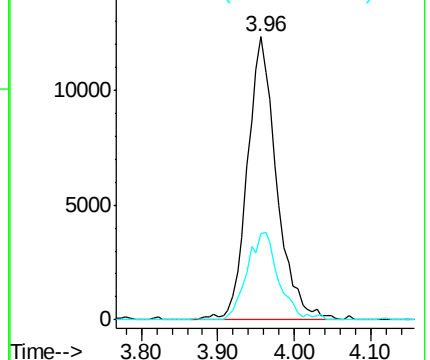
Ion Ratio Lower Upper

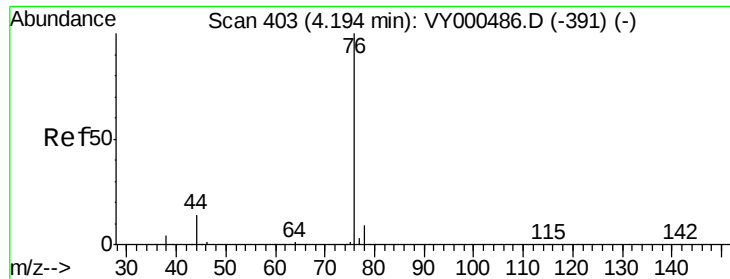
43 100

58 30.5 25.8 38.6



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

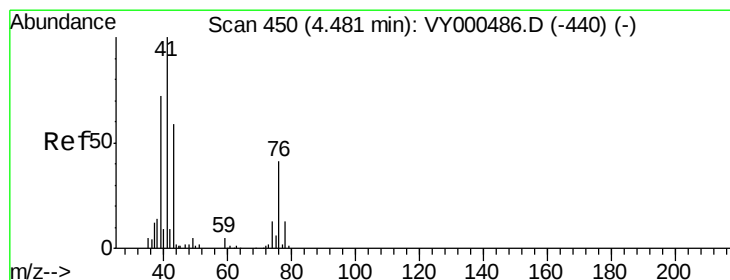
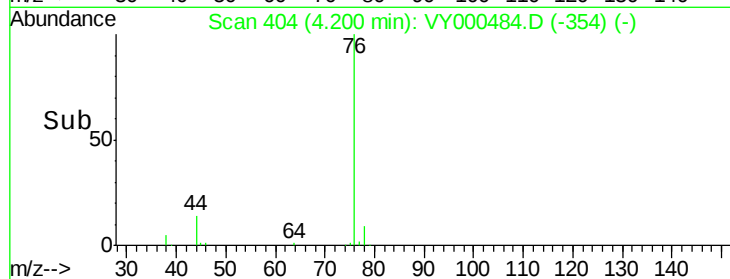
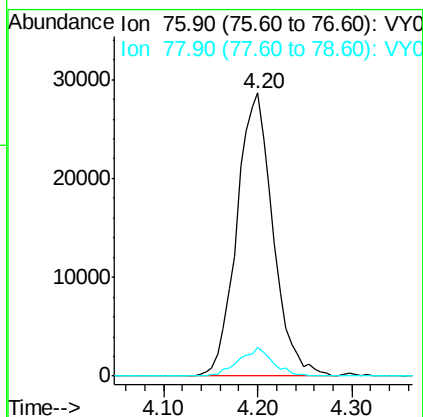
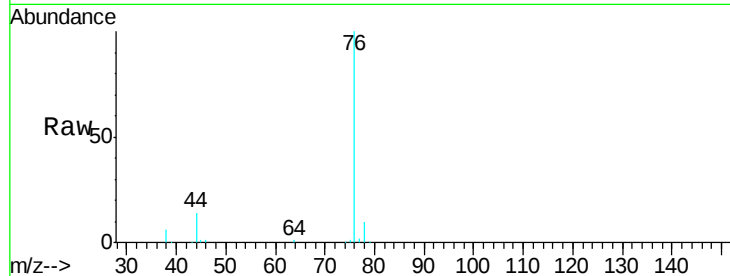




#17
Carbon Disulfide
Concen: 10.436 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

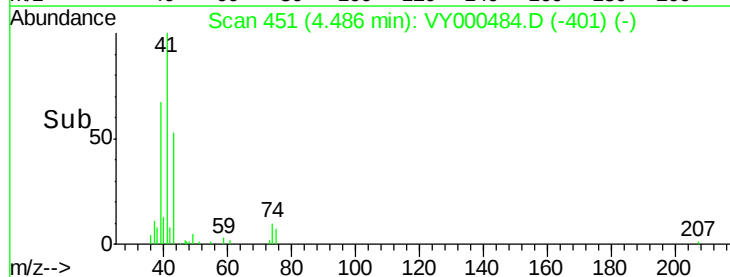
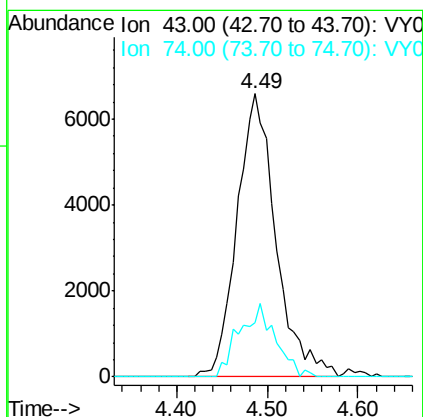
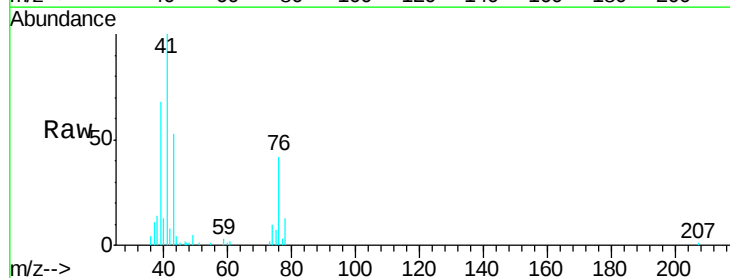
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

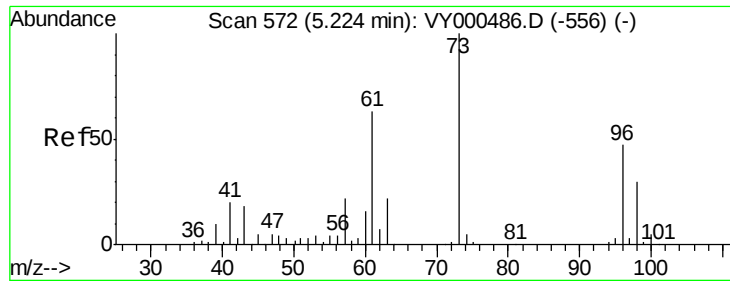
Tgt Ion: 76 Resp: 76853
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 9.451 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 43 Resp: 19593
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

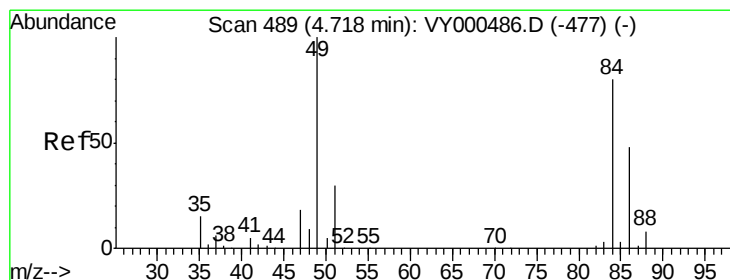
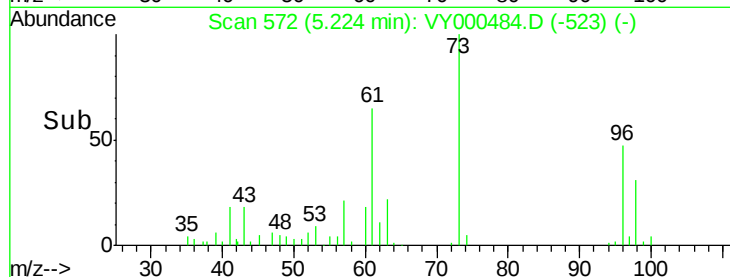
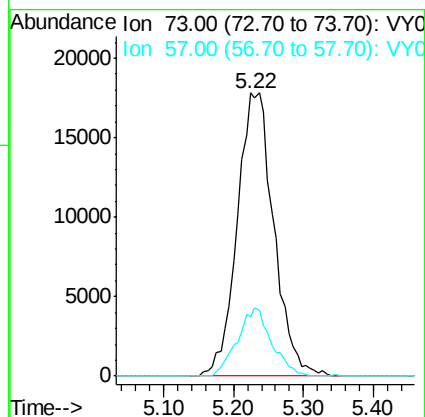
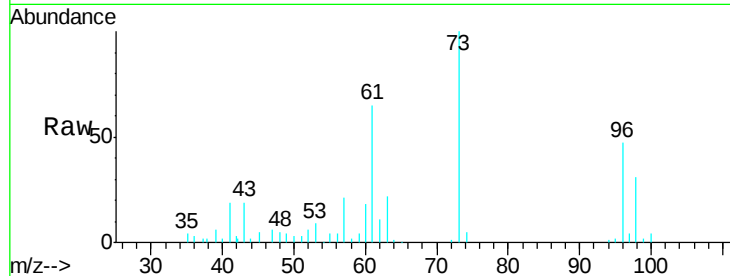




#19
Methyl tert-butyl Ether
Concen: 9.987 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

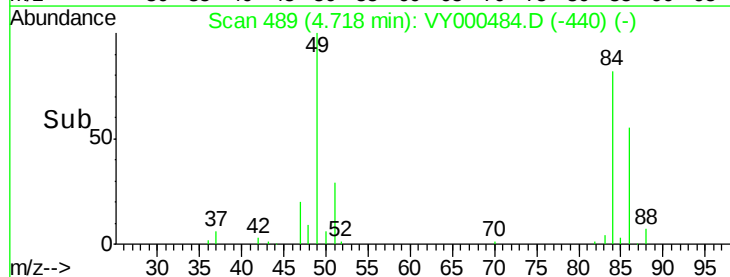
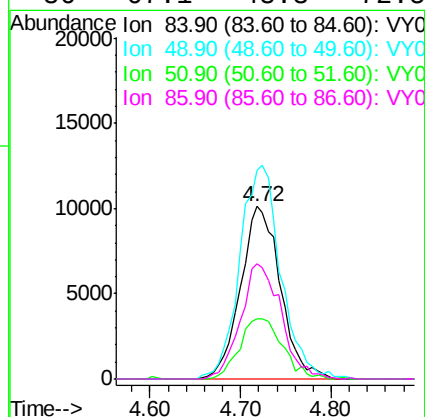
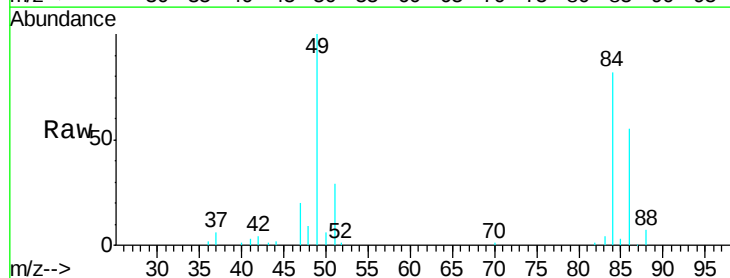
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

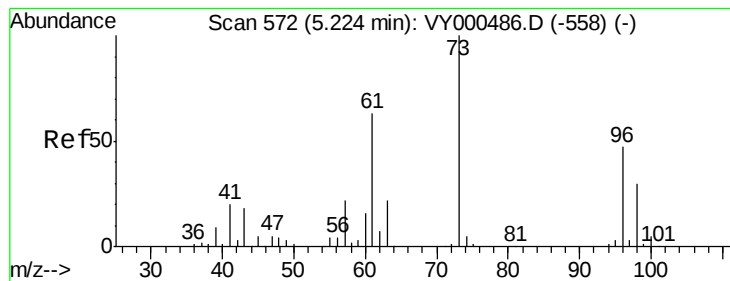
Tgt Ion: 73 Resp: 64837
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 10.807 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 84 Resp: 30873
Ion Ratio Lower Upper
84 100
49 121.4 100.2 150.4
51 34.9 29.6 44.4
86 67.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 10.228 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

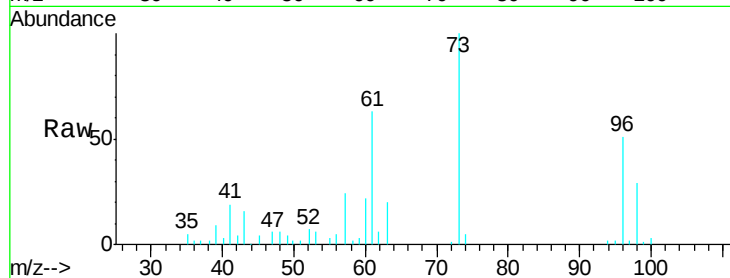
Tgt Ion: 96 Resp: 26998

Ion Ratio Lower Upper

96 100

61 123.4 106.6 160.0

98 56.4 50.6 76.0

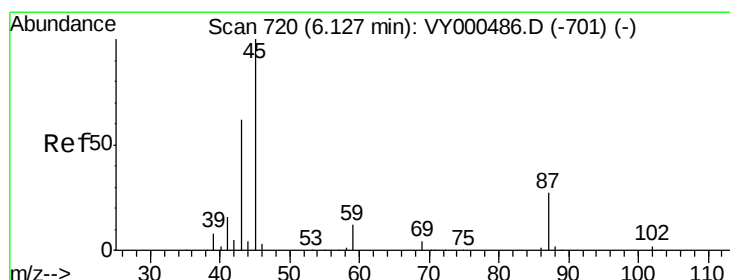
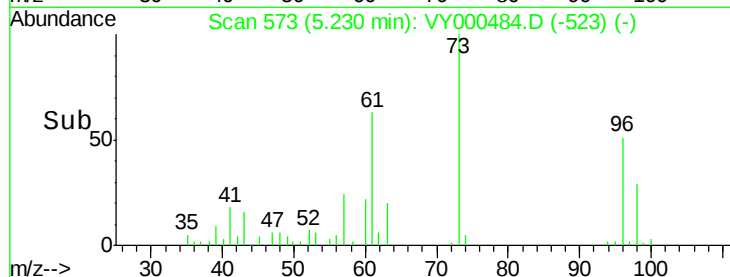
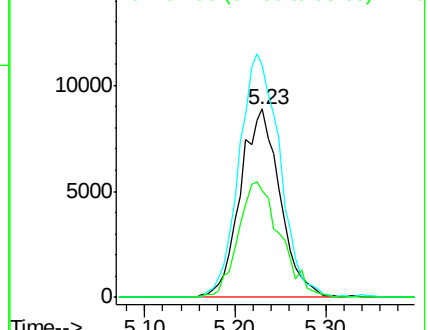


Abundance

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: 9.697 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Tgt Ion: 45 Resp: 80020

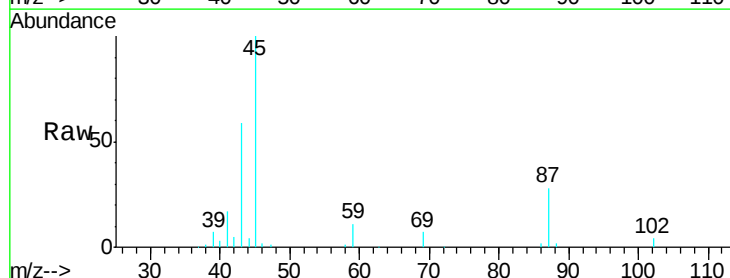
Ion Ratio Lower Upper

45 100

43 58.2 50.0 75.0

87 28.5 21.6 32.4

59 10.7 9.5 14.3



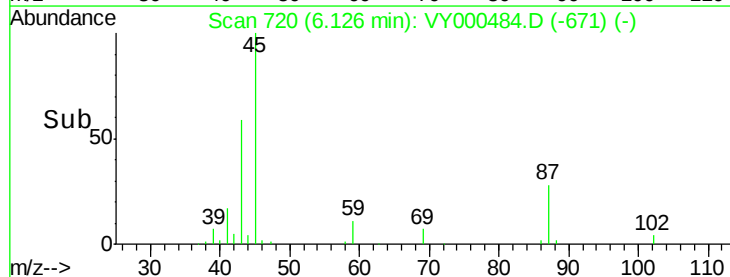
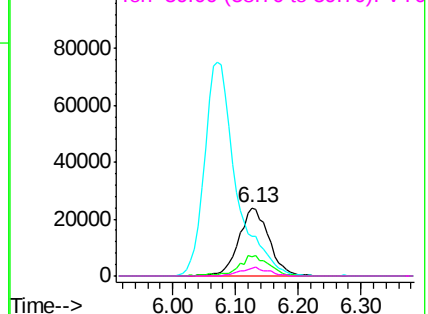
Abundance

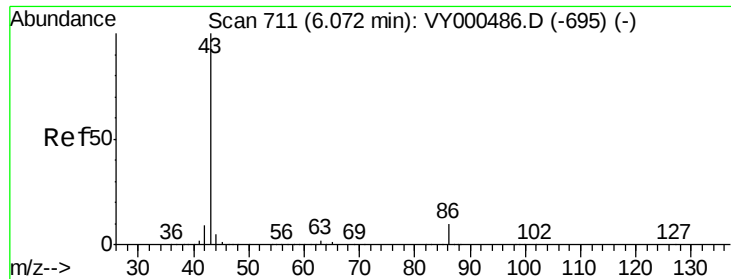
Ion 45.00 (44.70 to 45.70): VY0

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: 49.989 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

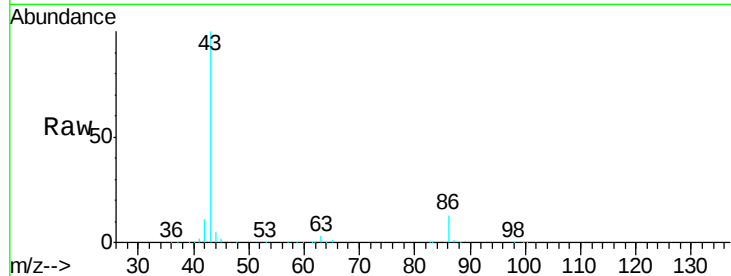
VSTDIC010

Tgt Ion: 43 Resp: 260409

Ion Ratio Lower Upper

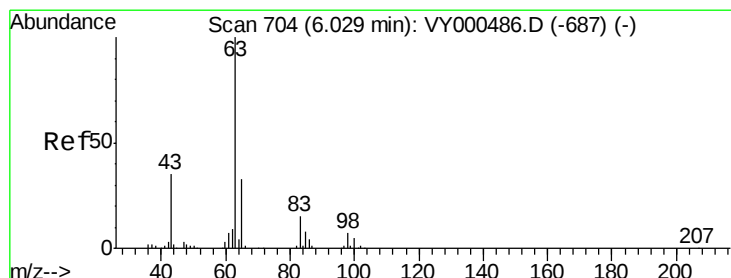
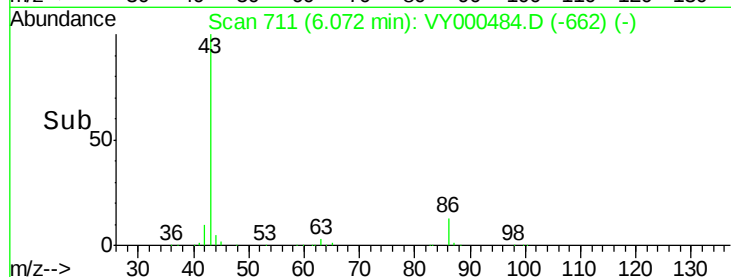
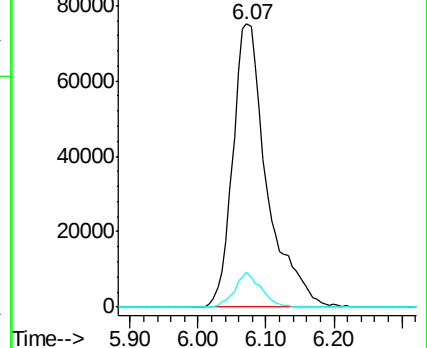
43 100

86 12.6 7.8 11.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 9.928 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

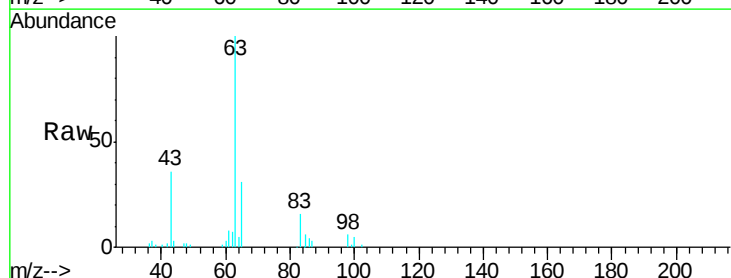
Tgt Ion: 63 Resp: 44386

Ion Ratio Lower Upper

63 100

98 5.5 3.5 10.6

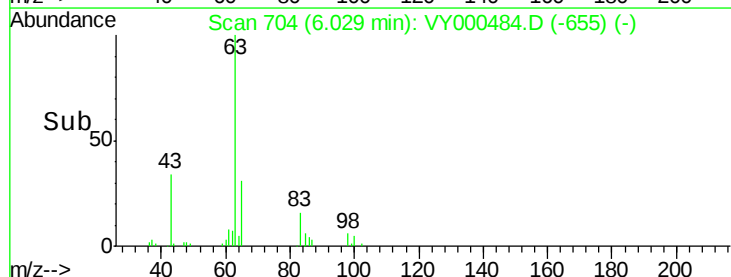
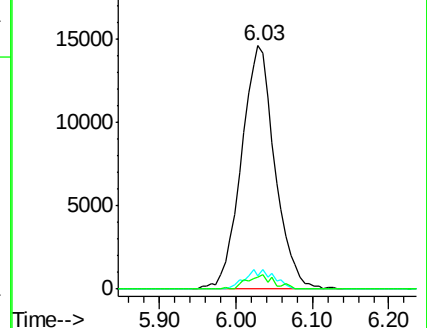
100 4.7 2.4 7.1

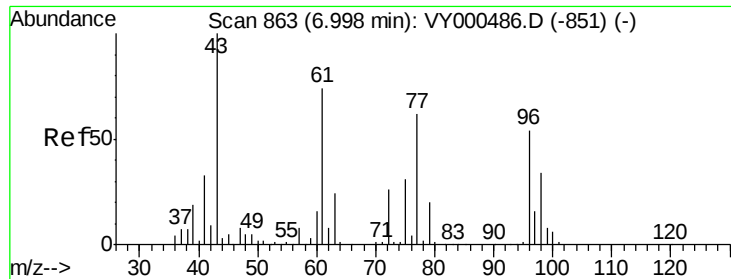


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 50.497 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

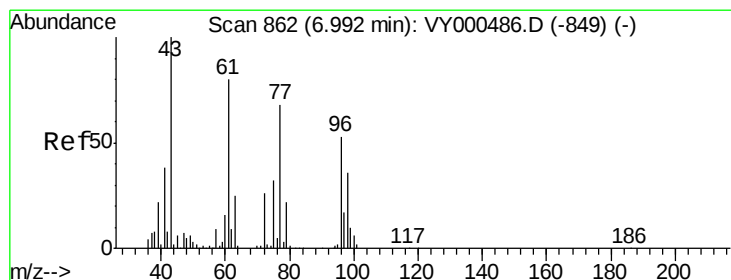
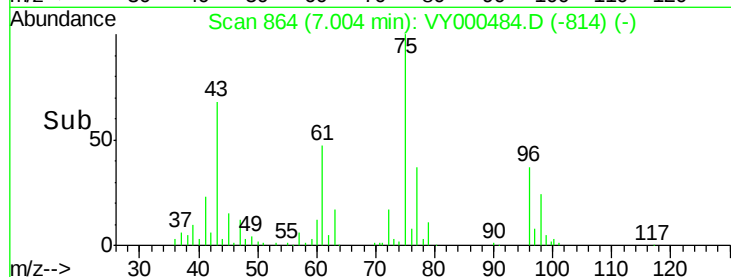
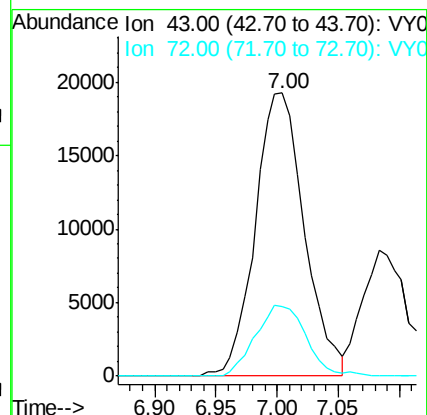
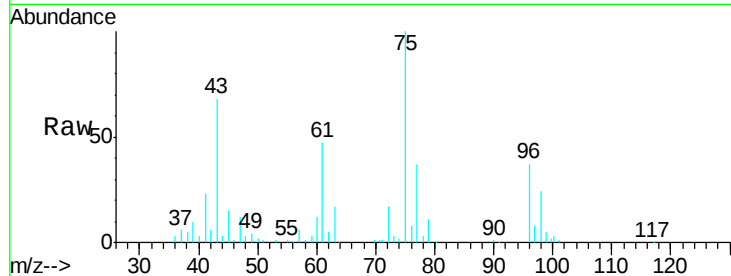
VSTDIC010

Tgt Ion: 43 Resp: 53730

Ion Ratio Lower Upper

43 100

72 24.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 10.373 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000484.D

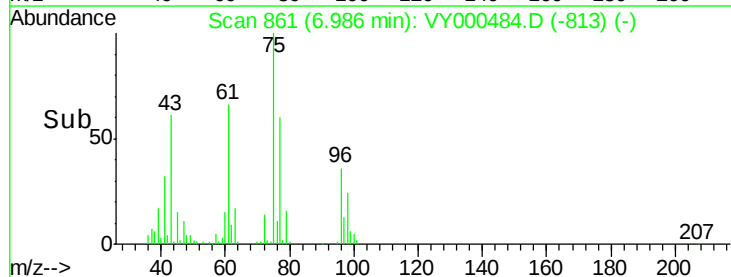
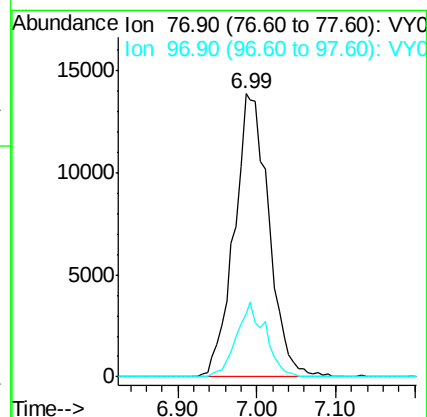
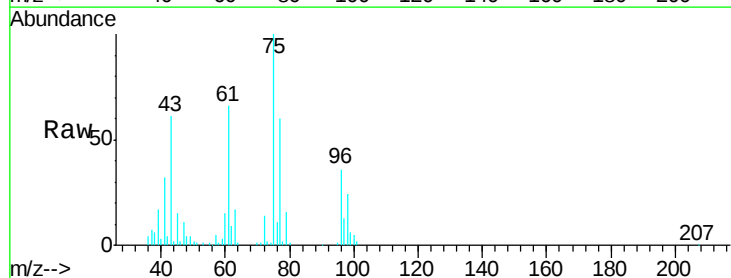
Acq: 30 Oct 2019 11:01

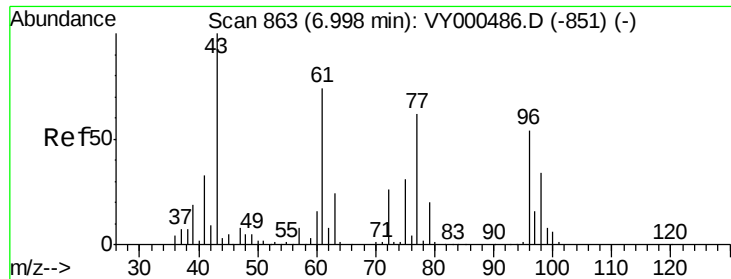
Tgt Ion: 77 Resp: 42378

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4



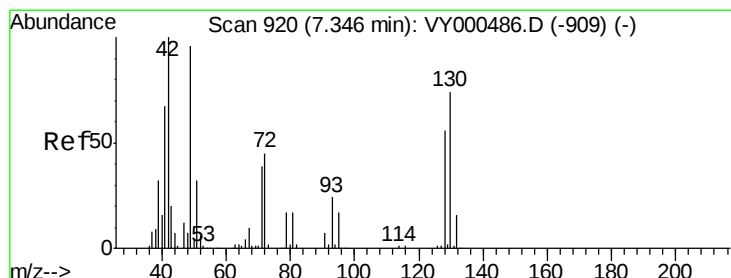
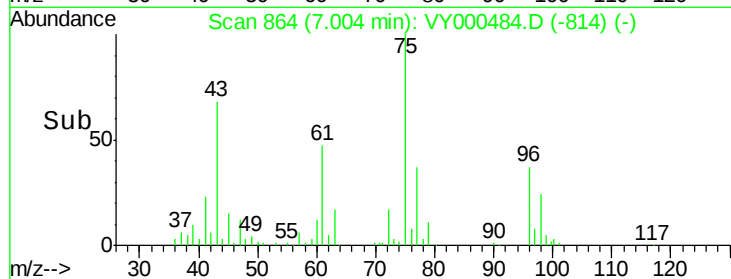
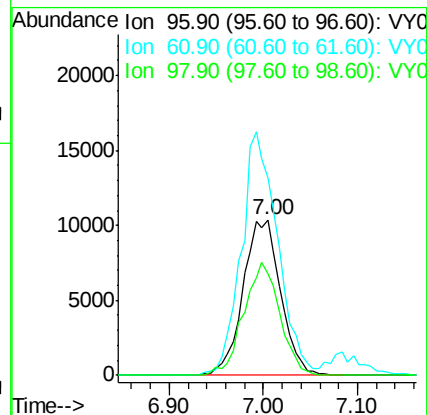
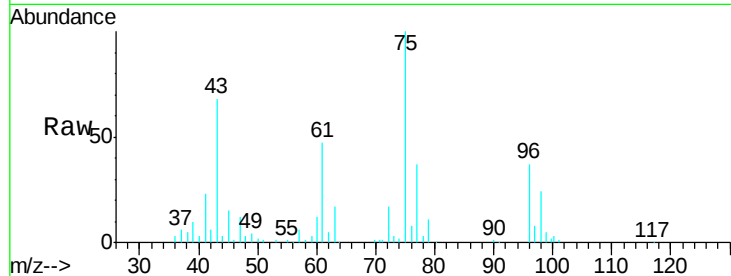


#27

cis-1,2-Dichloroethene
Concen: 10.005 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

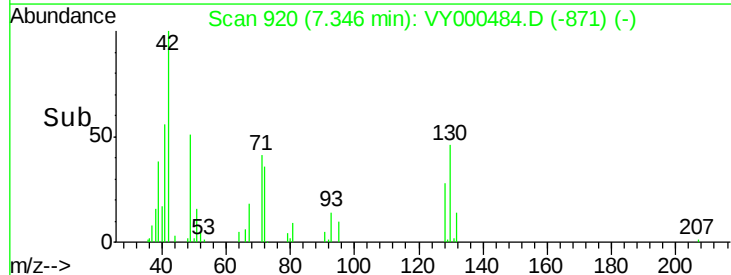
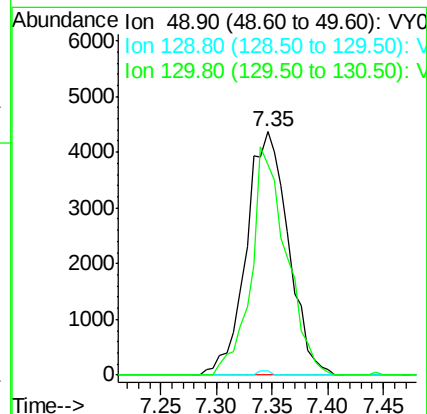
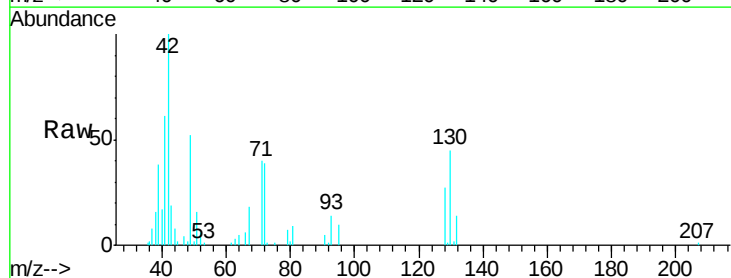
Tgt Ion: 96 Resp: 28879
Ion Ratio Lower Upper
96 100
61 150.9 0.0 287.0
98 69.5 0.0 129.4

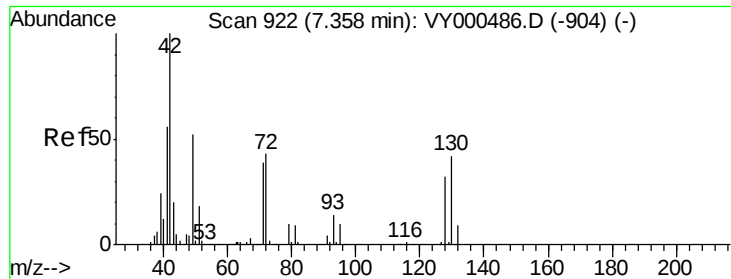


#28

Bromochloromethane
Concen: 6.366 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 49 Resp: 11496
Ion Ratio Lower Upper
49 100
129 0.5 0.0 3.6
130 78.0 59.4 89.0

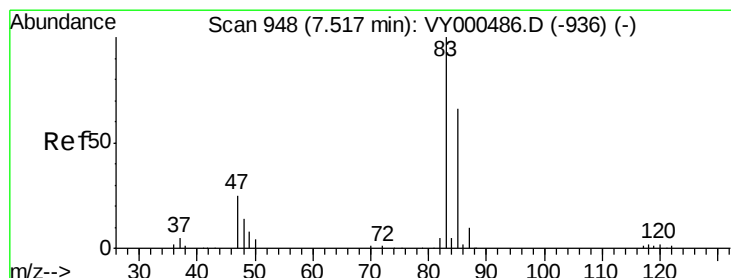
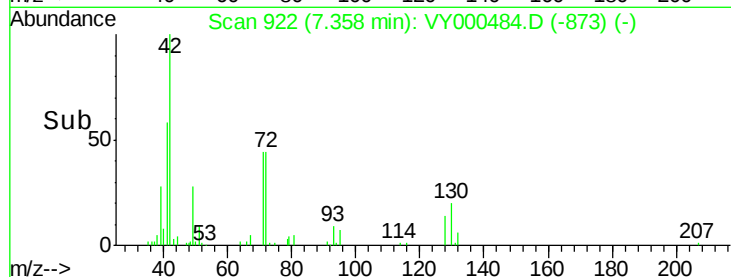
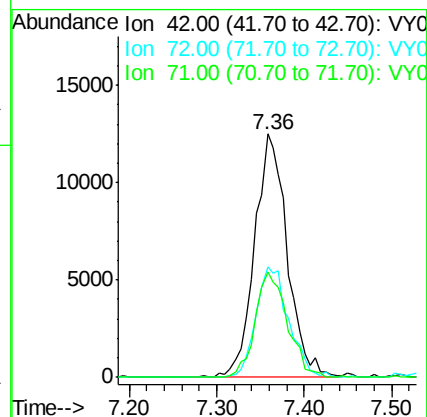
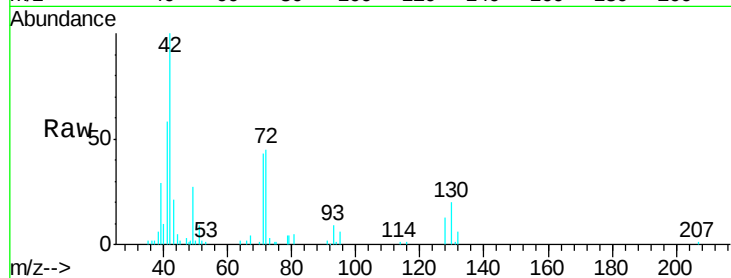




#29
Tetrahydrofuran
Concen: 49.672 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

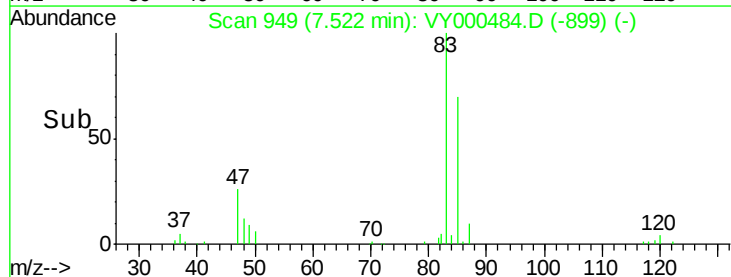
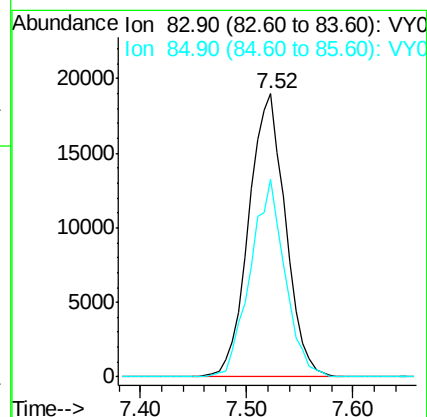
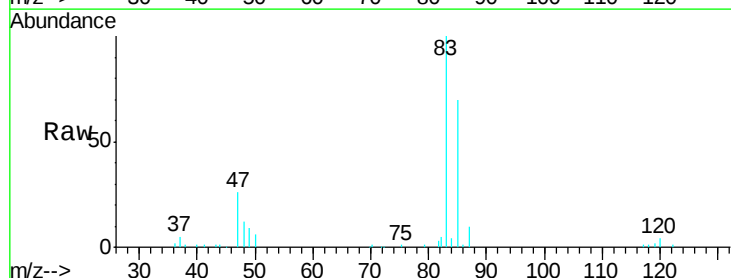
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

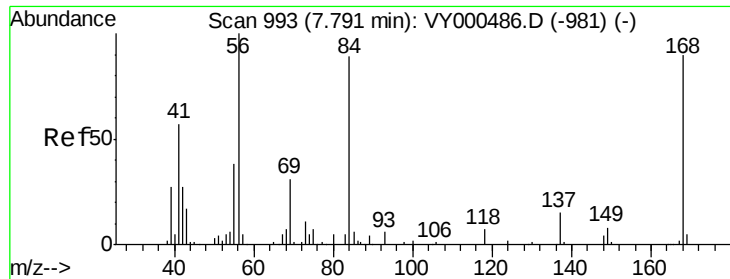
Tgt Ion: 42 Resp: 32333
Ion Ratio Lower Upper
42 100
72 45.6 34.0 51.0
71 42.5 30.8 46.2



#30
Chloroform
Concen: 10.172 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 83 Resp: 46004
Ion Ratio Lower Upper
83 100
85 69.8 53.0 79.4

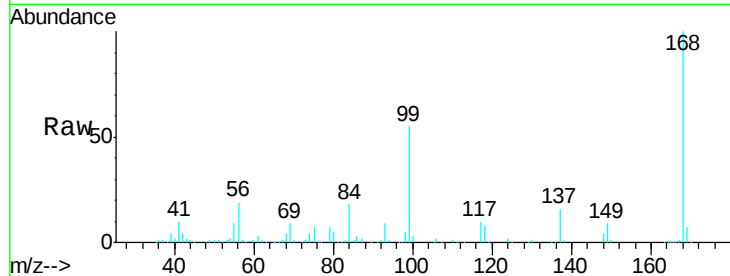




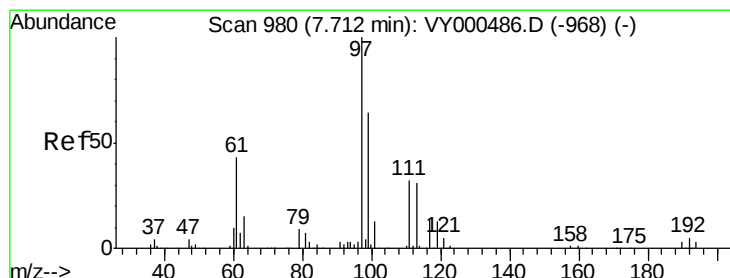
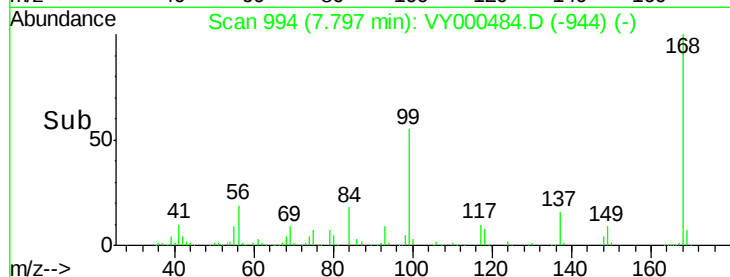
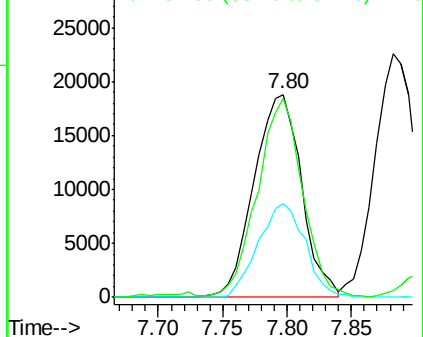
#31
Cyclohexane
Concen: 10.295 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 48206
Ion Ratio Lower Upper
56 100
69 46.5 25.0 37.6#
84 95.2 71.4 107.2

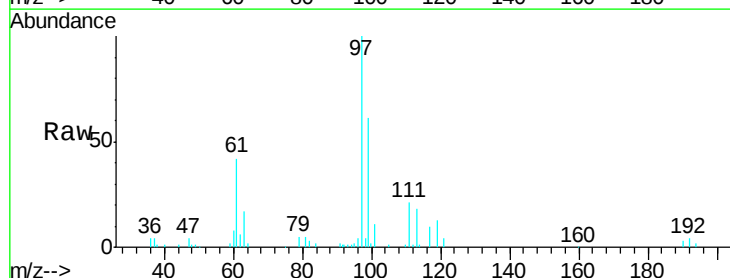


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

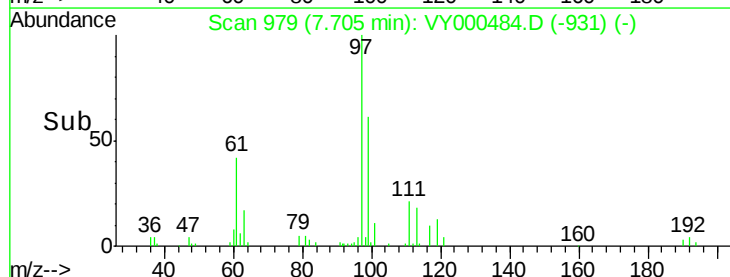
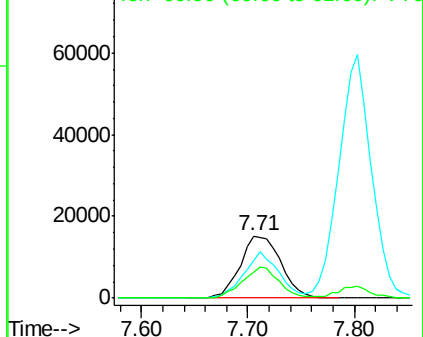


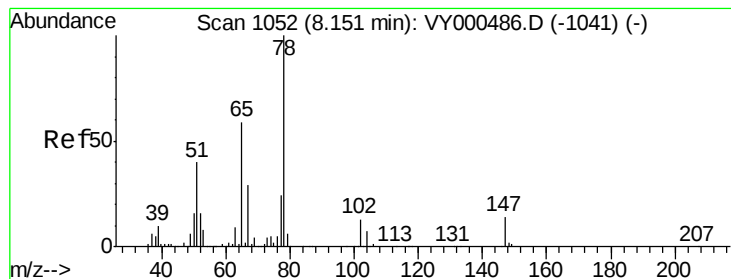
#32
1,1,1-Trichloroethane
Concen: 10.146 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 97 Resp: 40896
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 45.0 34.9 52.3



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: 9.923 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

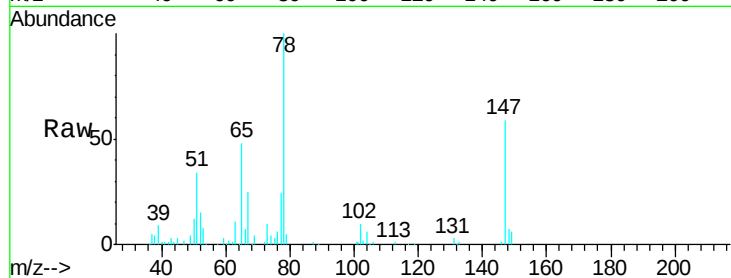
VSTDIC010

Tgt Ion: 65 Resp: 24005

Ion Ratio Lower Upper

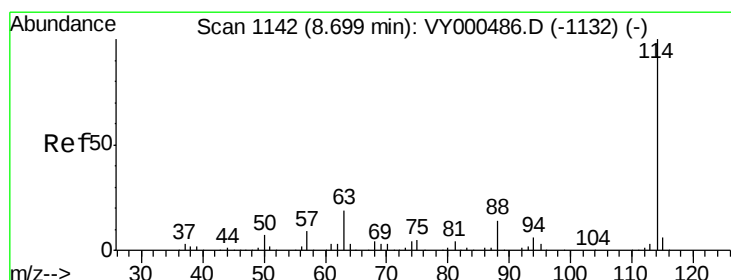
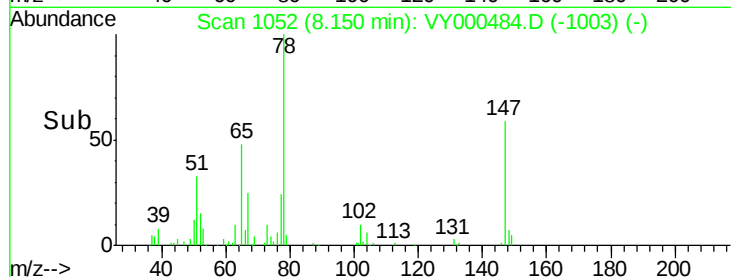
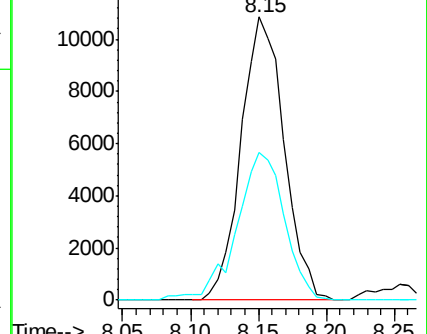
65 100

67 58.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

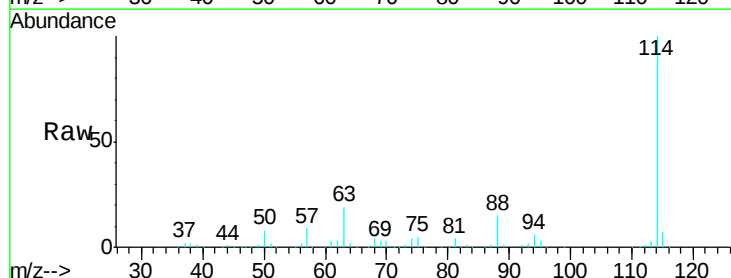
Tgt Ion: 114 Resp: 383963

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

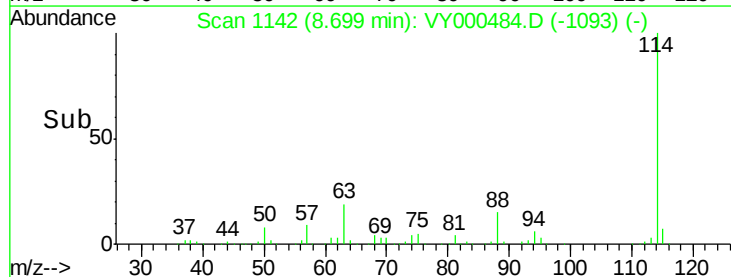
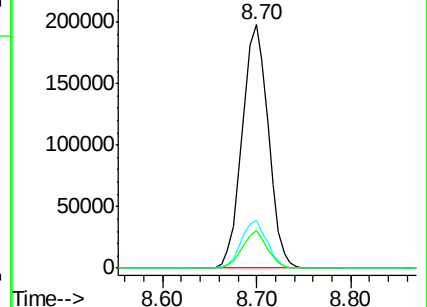
88 15.3 0.0 28.6

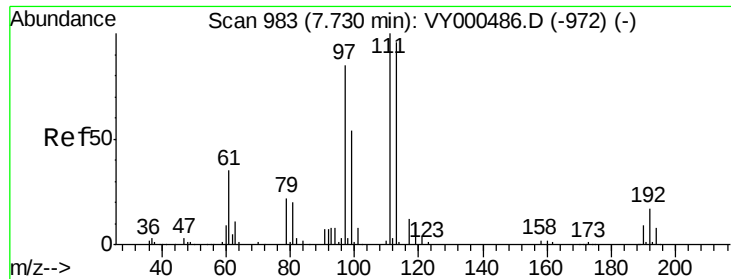


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

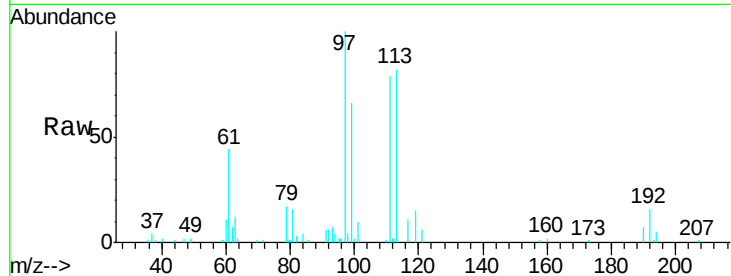




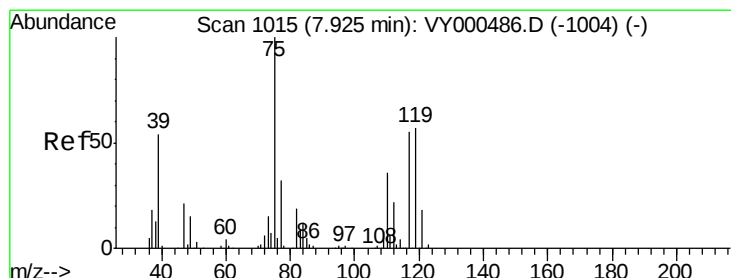
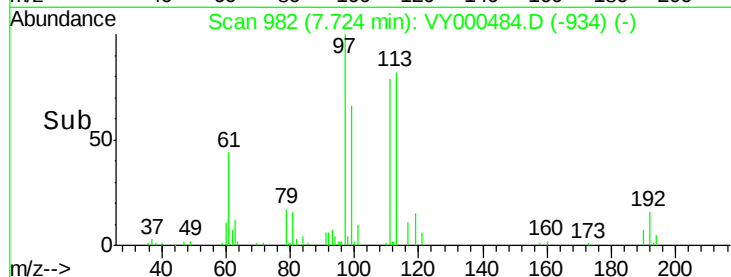
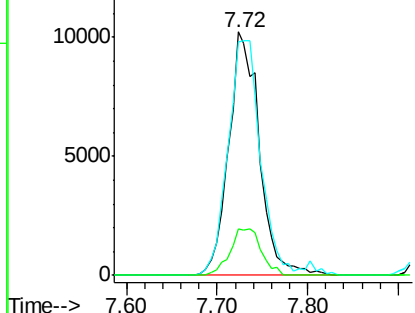
#35
 Dibromofluoromethane
 Concen: 10.698 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tgt Ion:113 Resp: 24114
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 19.5 15.0 22.4

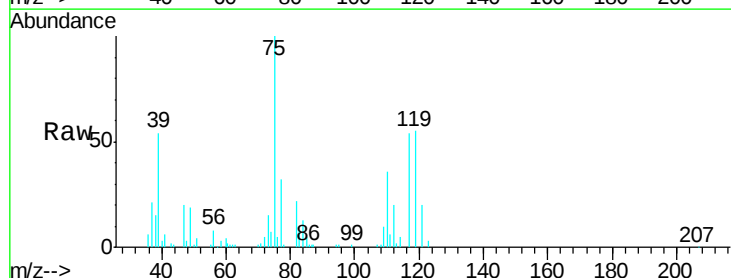


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

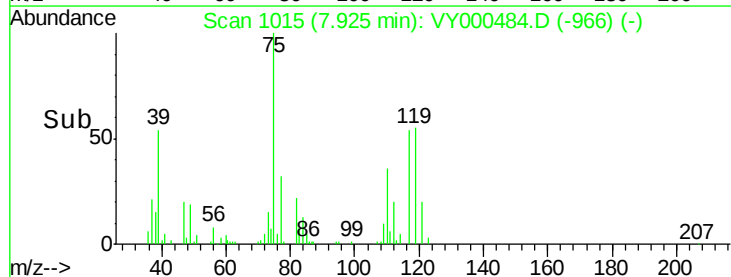
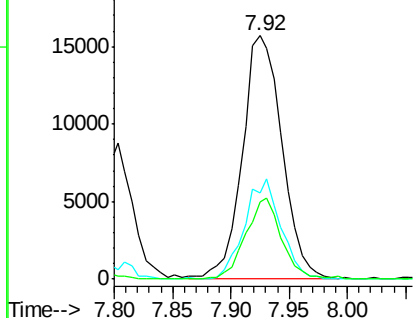


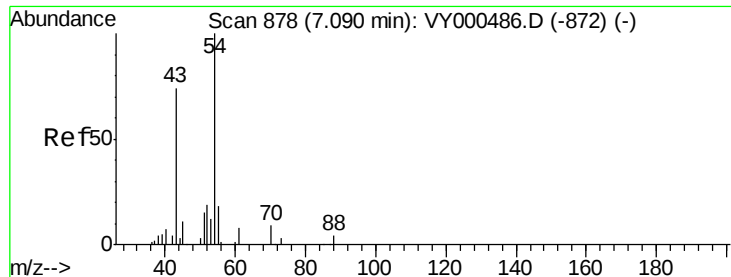
#36
 1,1-Dichloropropene
 Concen: 10.318 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion: 75 Resp: 37453
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.1
 77 30.1 25.0 37.6



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

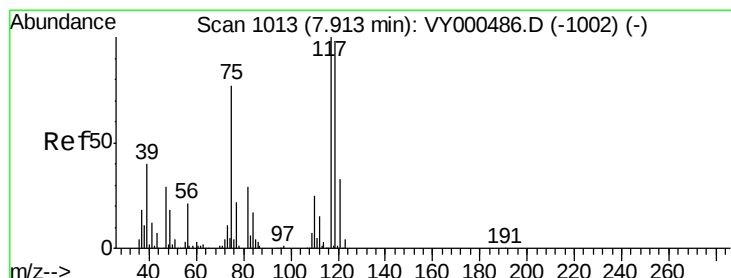
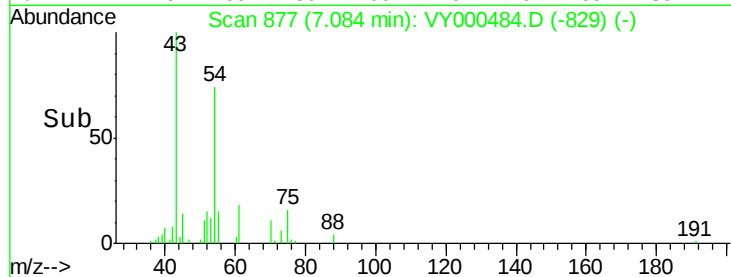
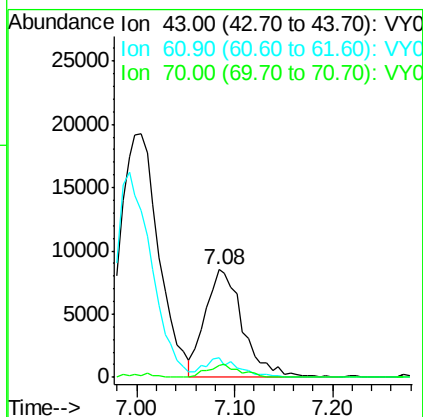
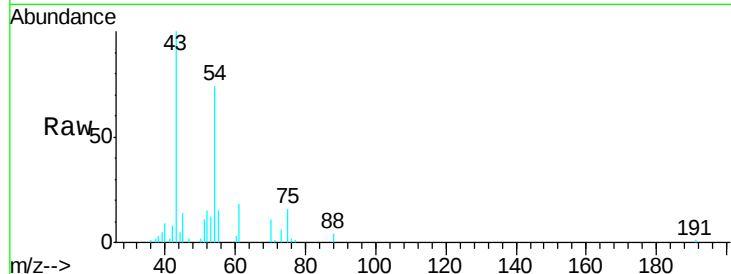




#37
Ethyl Acetate
Concen: 10.588 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

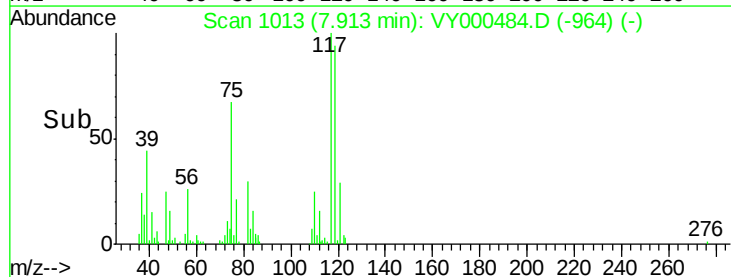
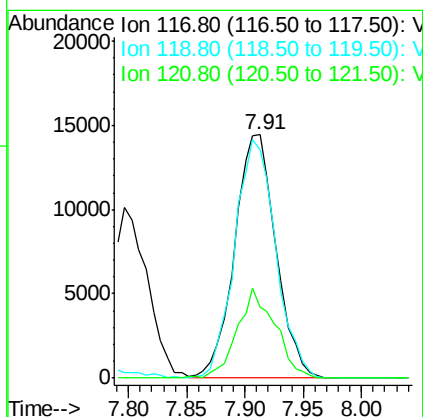
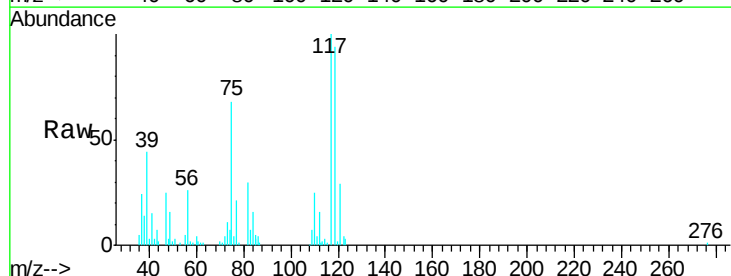
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 22818
Ion Ratio Lower Upper
43 100
61 16.6 10.2 15.2#
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 10.238 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 117 Resp: 35759
Ion Ratio Lower Upper
117 100
119 93.7 78.0 117.0
121 29.3 26.6 40.0

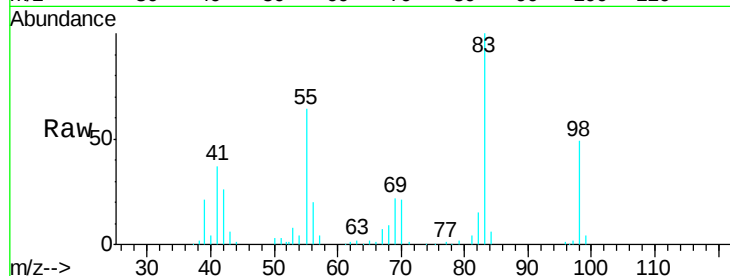




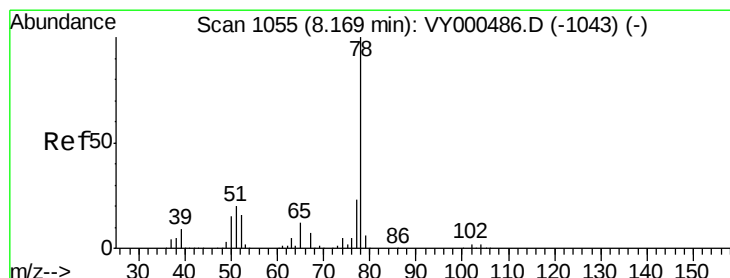
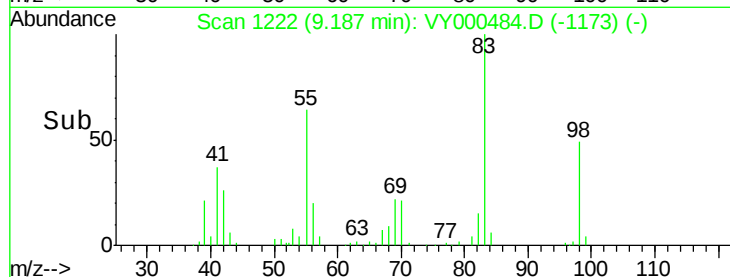
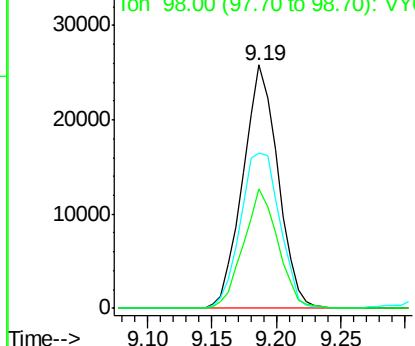
#39
Methylcyclohexane
Concen: 10.394 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 48742
Ion Ratio Lower Upper
83 100
55 64.0 57.5 86.3
98 48.9 38.0 57.0

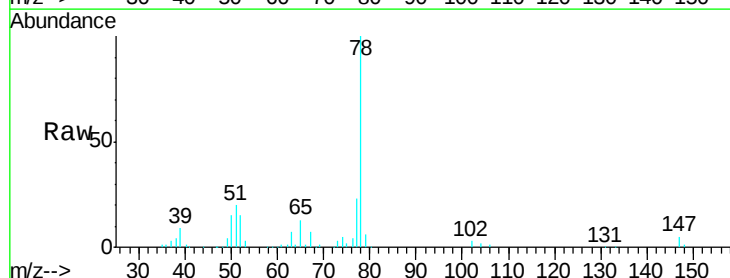


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

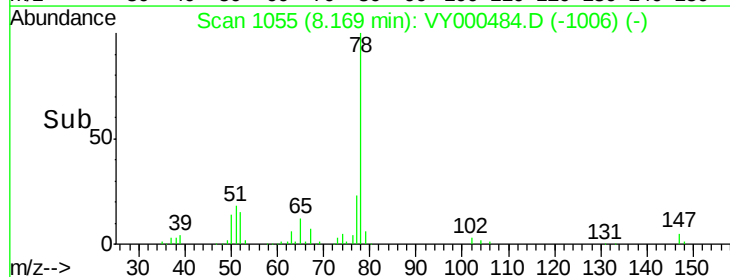
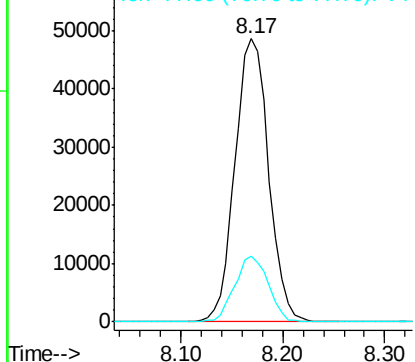


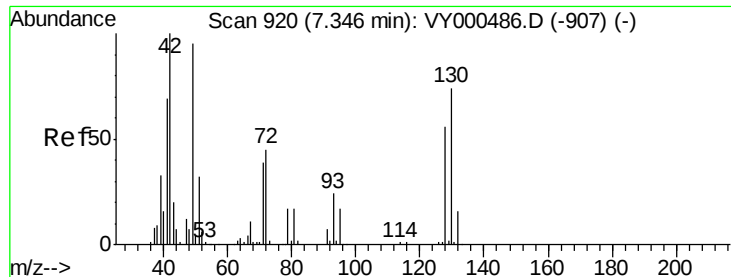
#40
Benzene
Concen: 10.440 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 78 Resp: 111098
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



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





#41

Methacrylonitrile

Concen: 24.594 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 29557

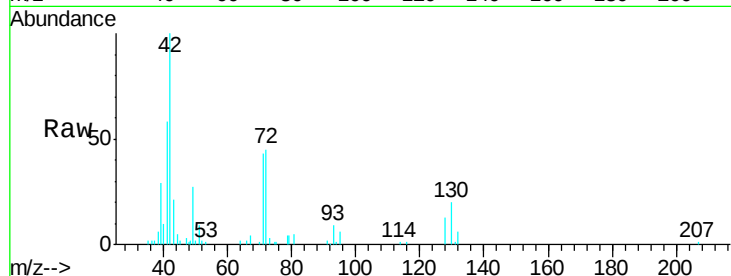
Ion Ratio Lower Upper

41 100

39 28.2 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

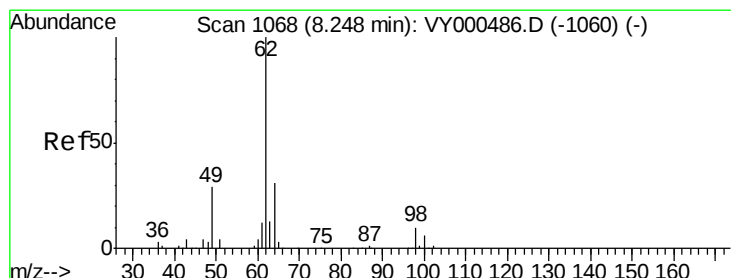
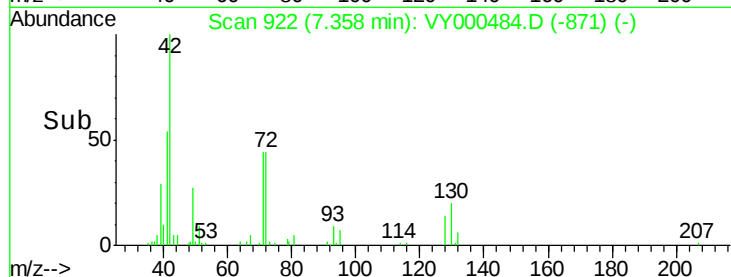
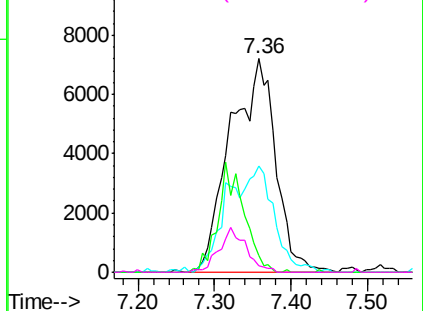


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 10.359 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000484.D

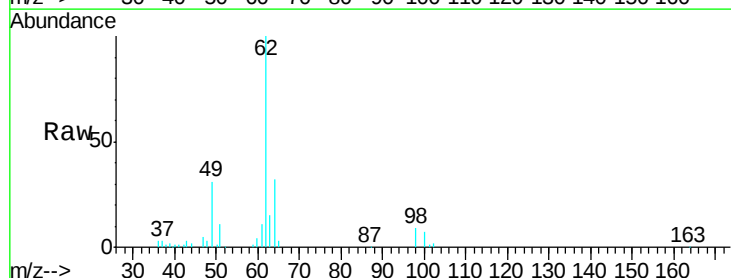
Acq: 30 Oct 2019 11:01

Tgt Ion: 62 Resp: 31266

Ion Ratio Lower Upper

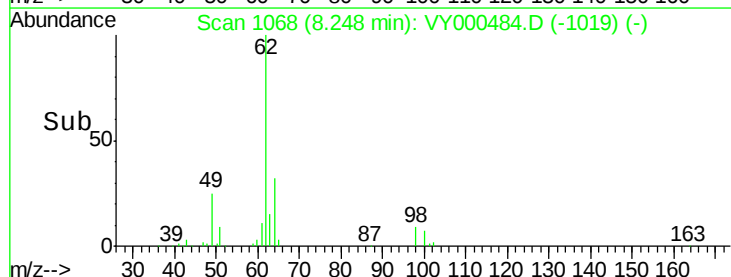
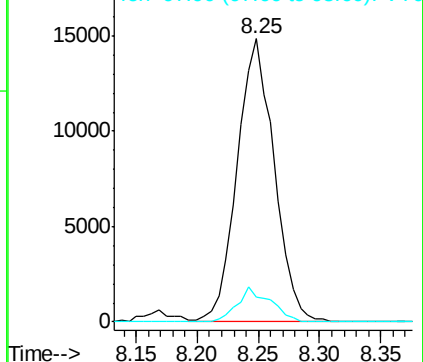
62 100

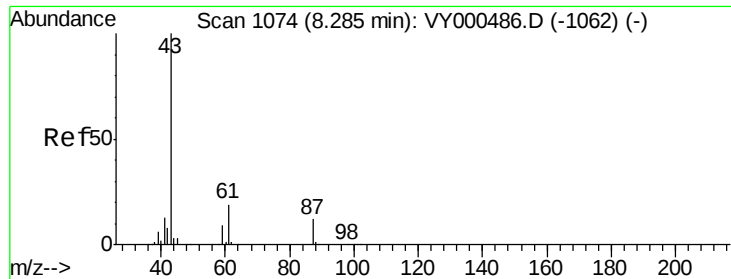
98 10.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 10.067 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

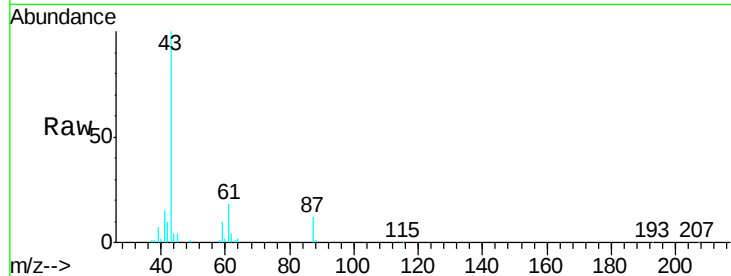
Tgt Ion: 43 Resp: 40753

Ion Ratio Lower Upper

43 100

61 30.4 23.0 34.4

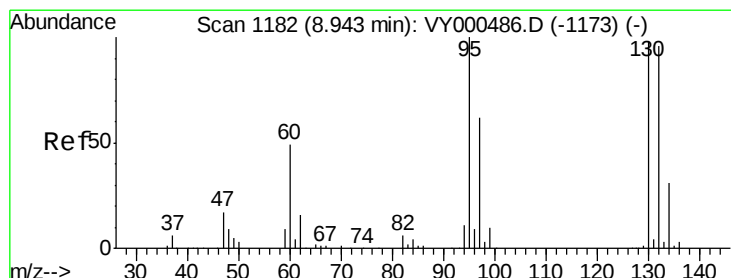
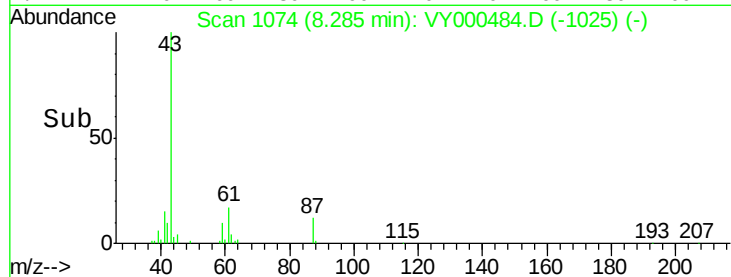
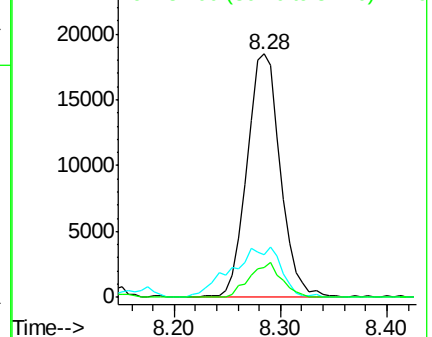
87 14.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 10.133 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000484.D

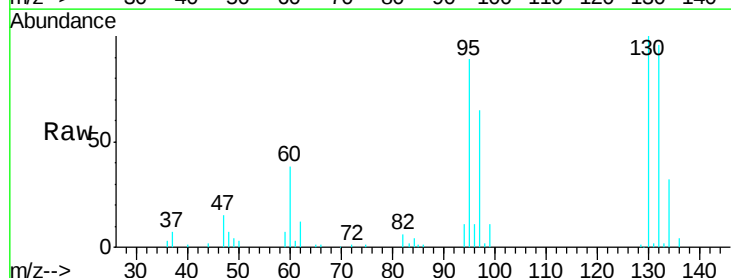
Acq: 30 Oct 2019 11:01

Tgt Ion: 130 Resp: 28430

Ion Ratio Lower Upper

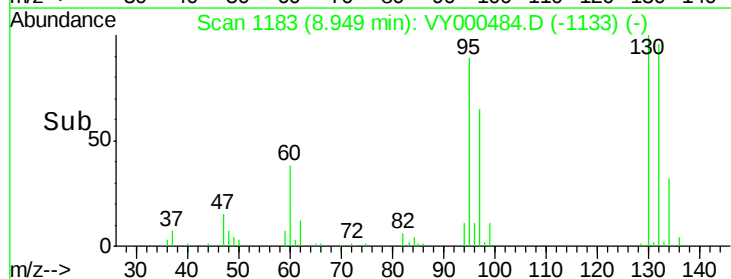
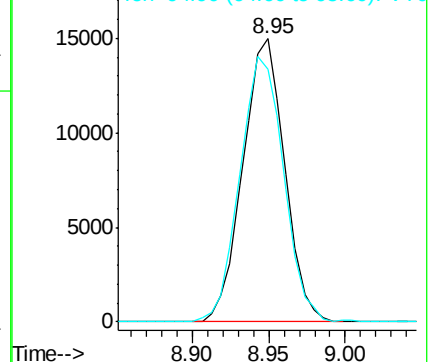
130 100

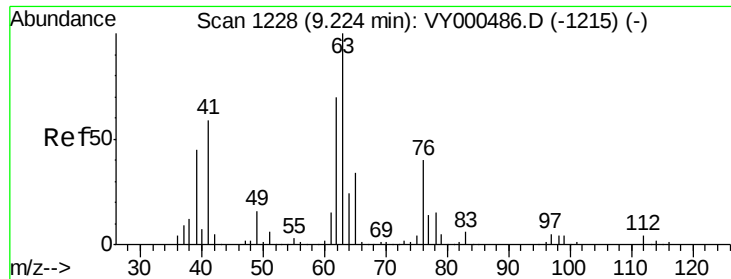
95 89.4 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 9.932 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

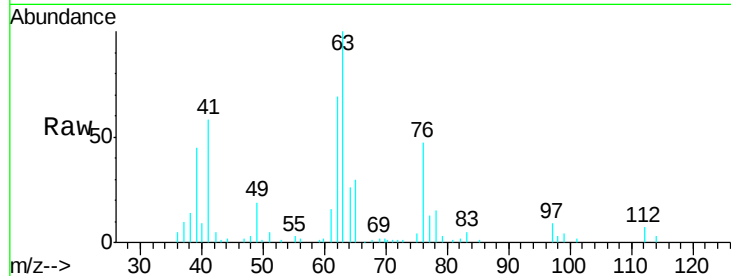
VSTDIC010

Tgt Ion: 63 Resp: 26012

Ion Ratio Lower Upper

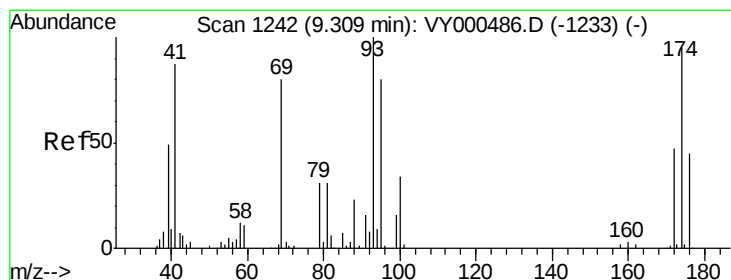
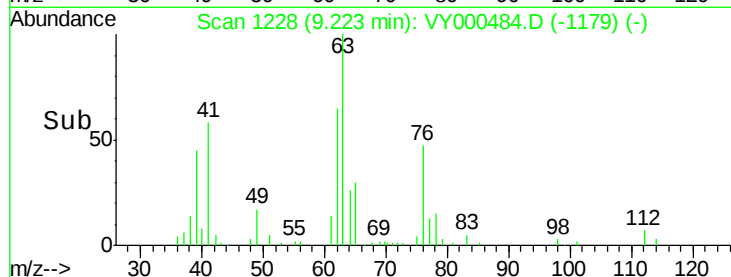
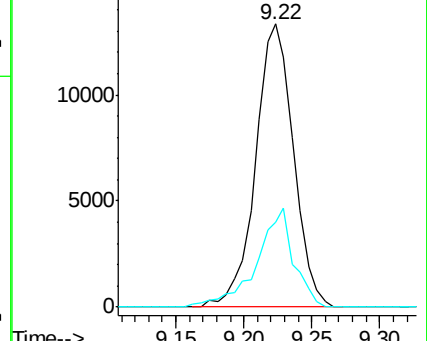
63 100

65 30.0 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 10.319 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

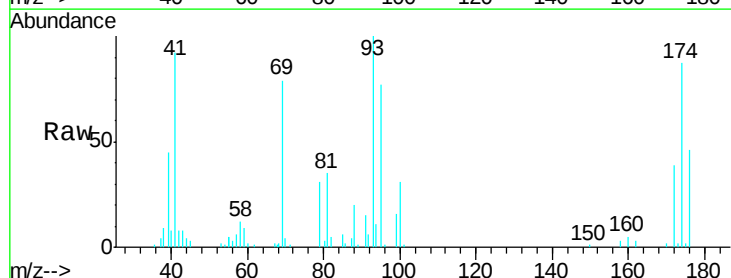
Tgt Ion: 93 Resp: 14863

Ion Ratio Lower Upper

93 100

95 79.5 66.4 99.6

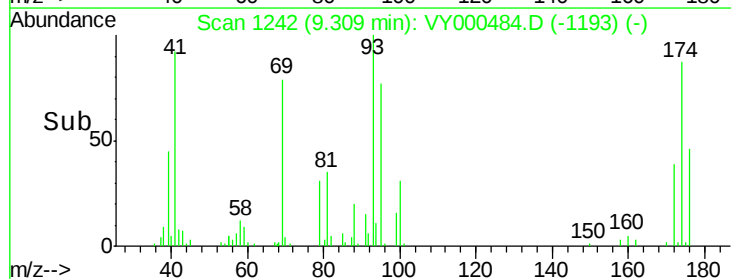
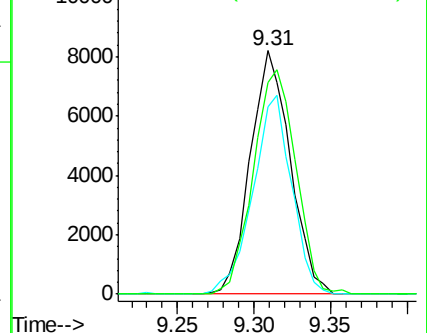
174 98.2 77.1 115.7

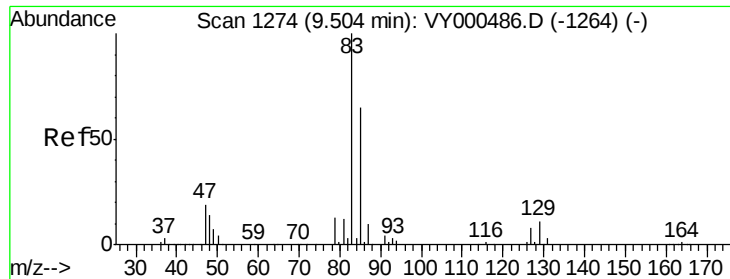


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 10.076 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

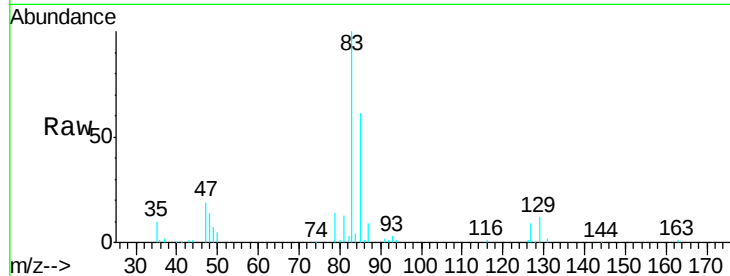
Tgt Ion: 83 Resp: 34438

Ion Ratio Lower Upper

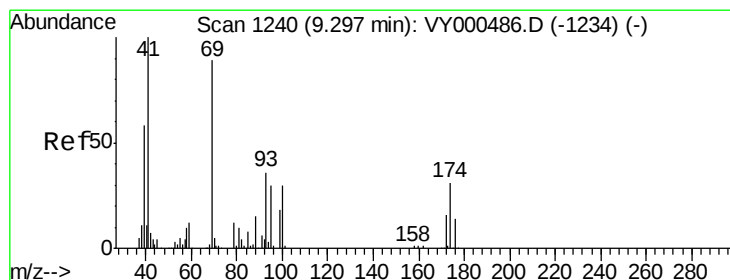
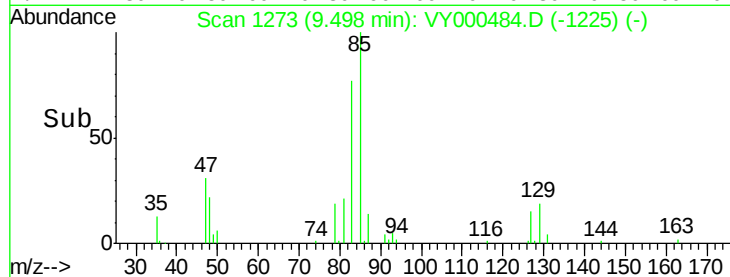
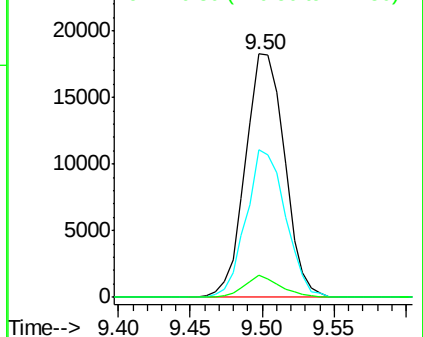
83 100

85 60.6 51.8 77.8

127 9.1 6.7 10.1



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: 10.240 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

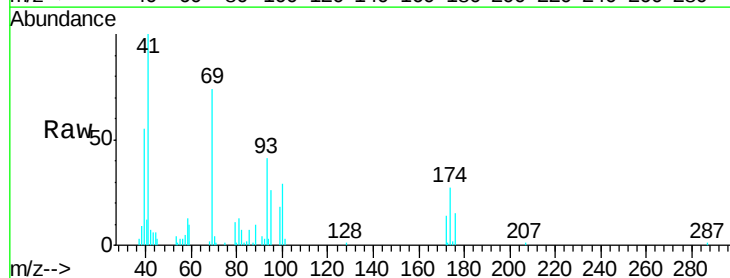
Tgt Ion: 41 Resp: 18113

Ion Ratio Lower Upper

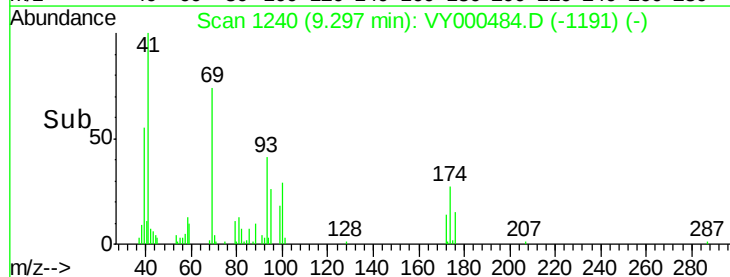
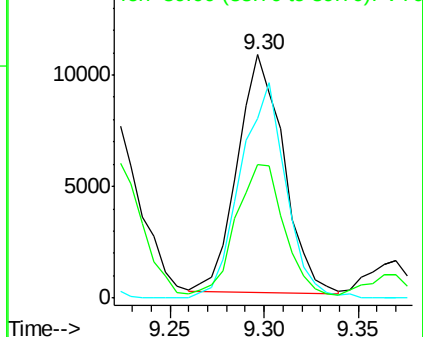
41 100

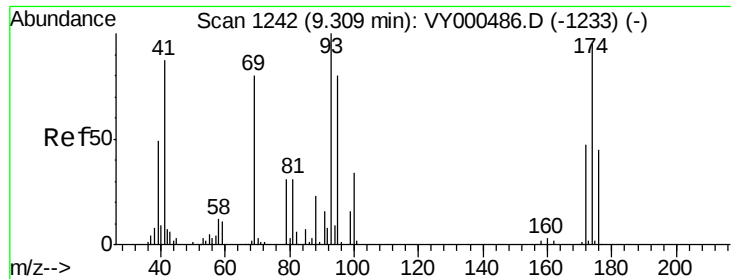
69 89.0 72.5 108.7

39 60.2 47.8 71.8



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

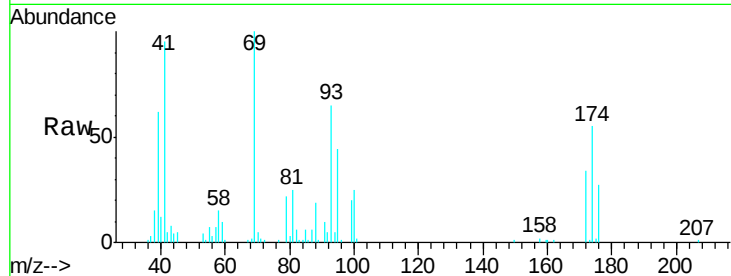




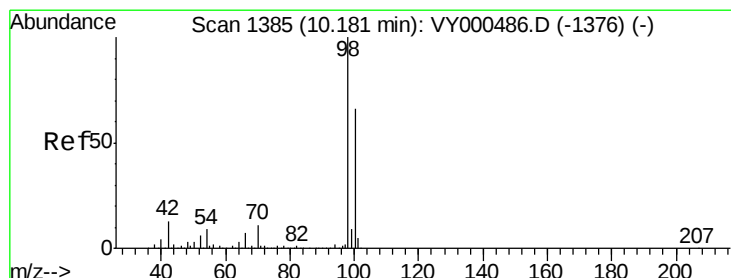
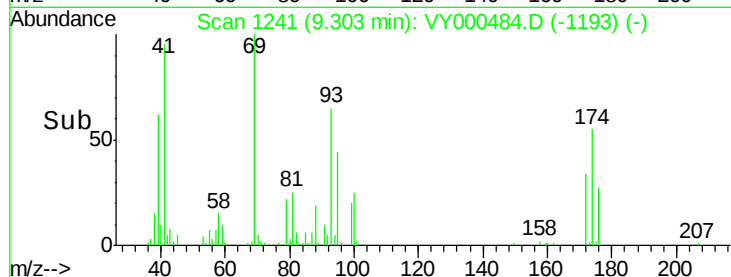
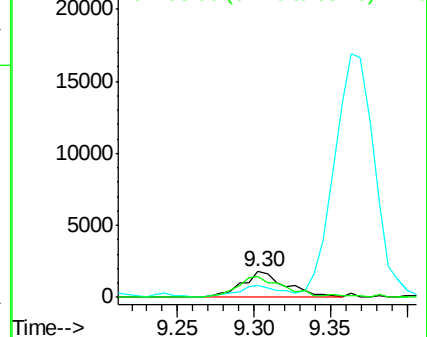
#49
 1,4-Dioxane
 Concen: 187.920 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 3643
 Ion Ratio Lower Upper
 88 100
 43 44.3 25.1 37.7#
 58 82.3 50.6 75.8#

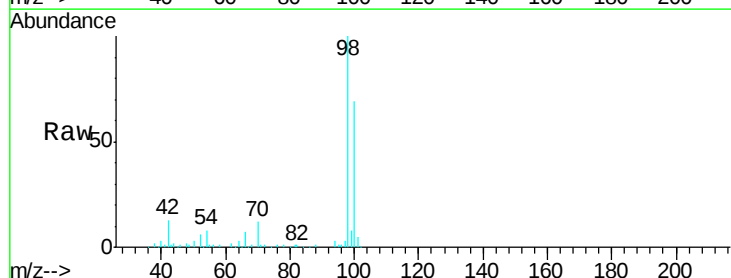


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

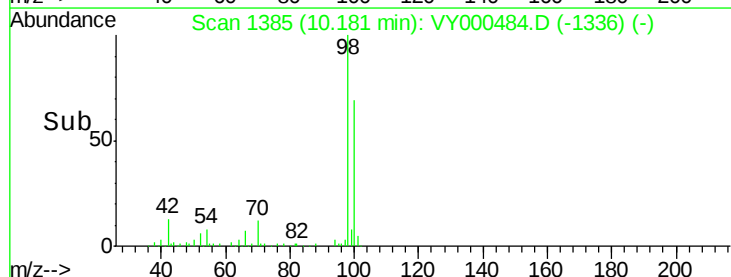
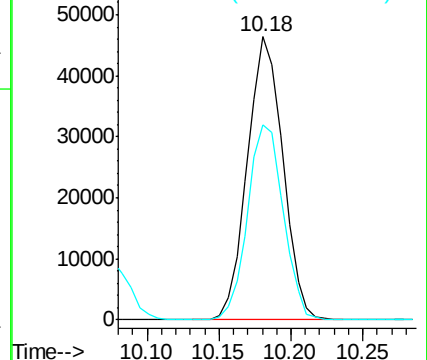


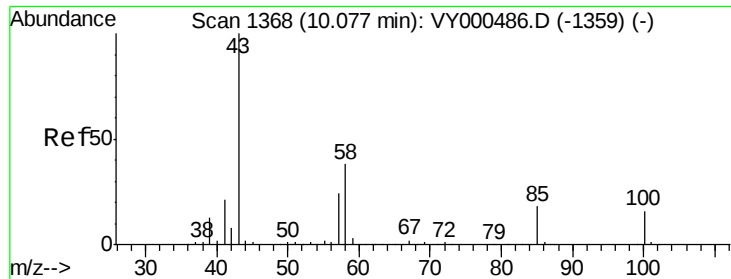
#50
 Toluene-d8
 Concen: 9.254 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion: 98 Resp: 79151
 Ion Ratio Lower Upper
 98 100
 100 69.0 52.9 79.3



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

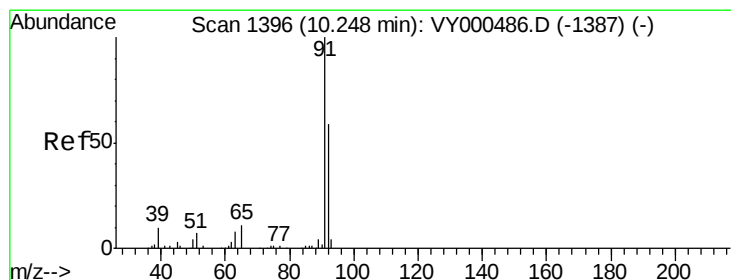
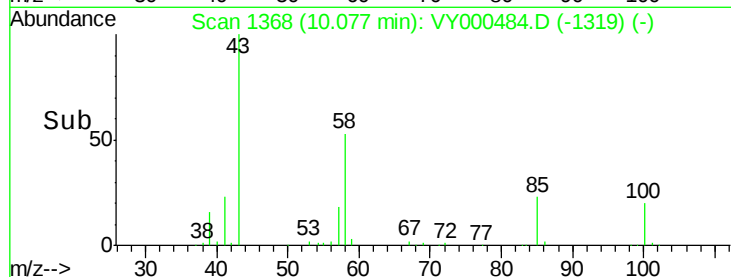
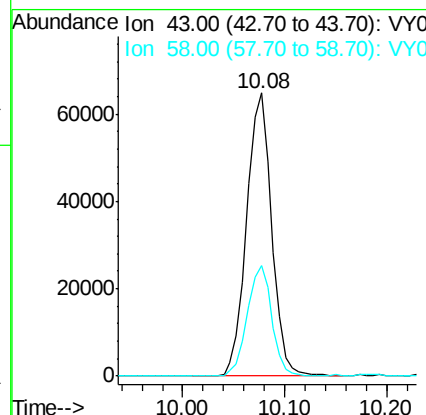
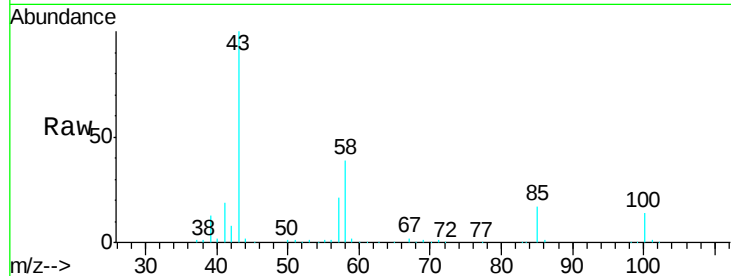




#51
 4-Methyl-2-Pentanone
 Concen: 51.390 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

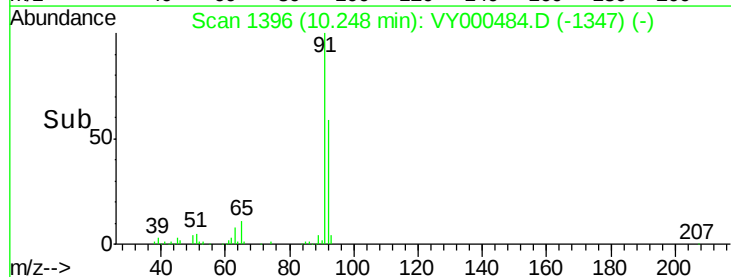
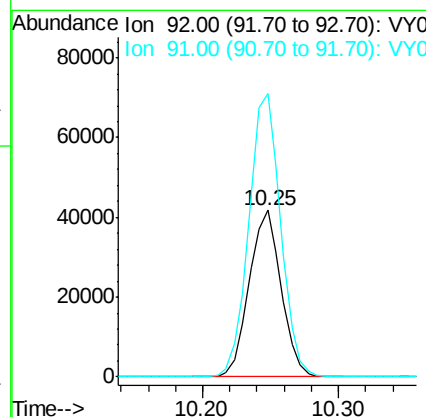
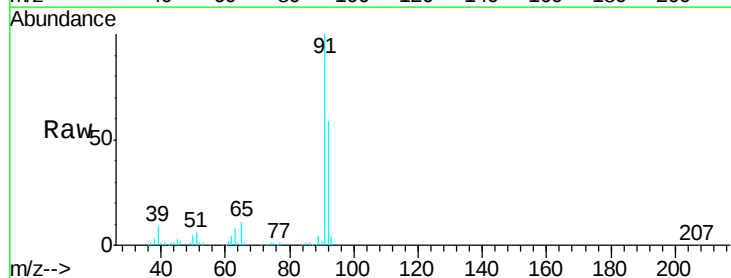
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

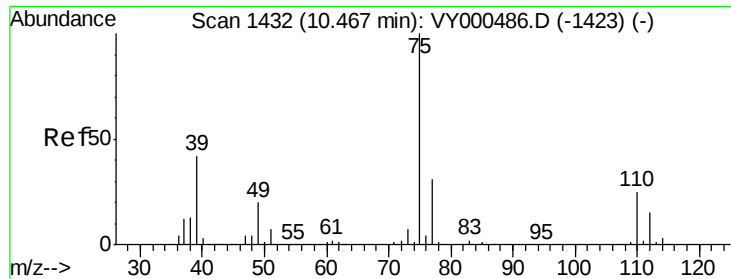
Tgt Ion: 43 Resp: 110608
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.2 45.4



#52
 Toluene
 Concen: 10.201 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion: 92 Resp: 68632
 Ion Ratio Lower Upper
 92 100
 91 169.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 9.834 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

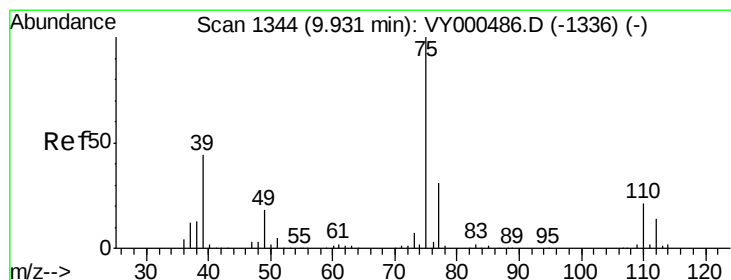
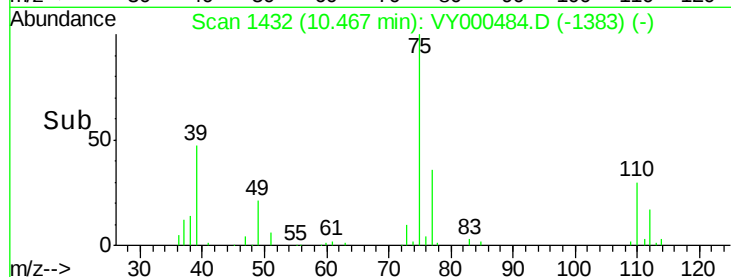
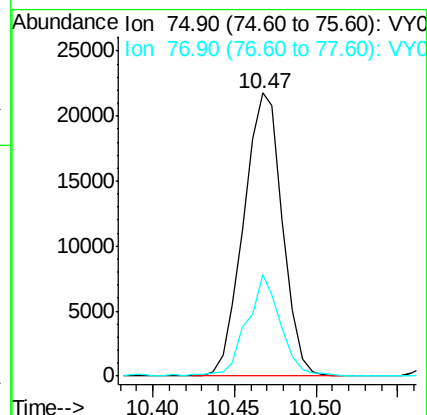
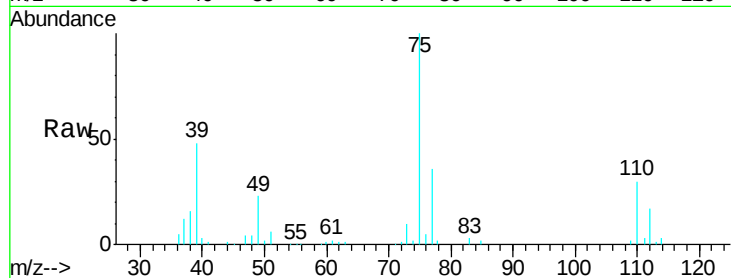
VSTDIC010

Tgt Ion: 75 Resp: 35914

Ion Ratio Lower Upper

75 100

77 35.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 10.176 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

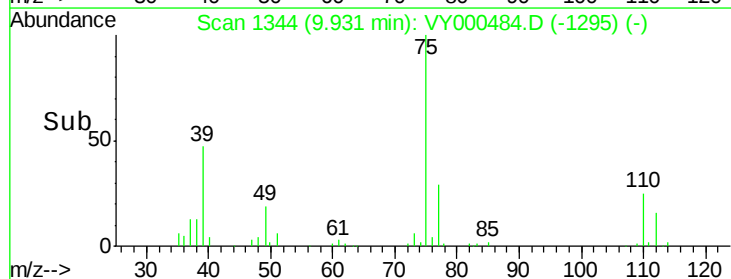
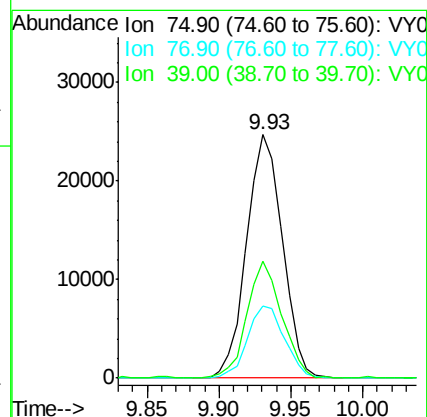
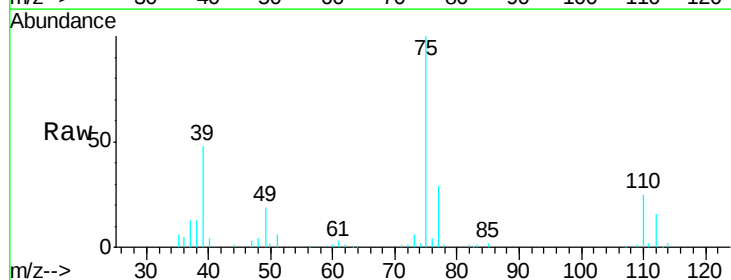
Tgt Ion: 75 Resp: 42572

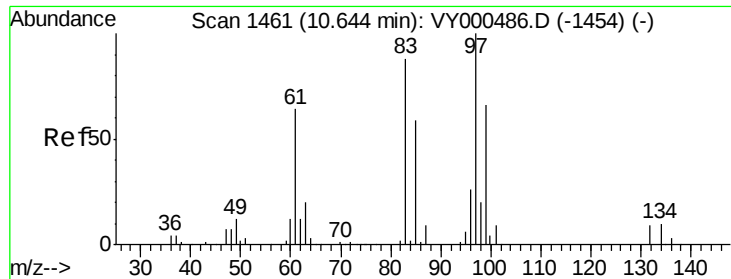
Ion Ratio Lower Upper

75 100

77 29.5 24.5 36.7

39 48.0 35.4 53.2

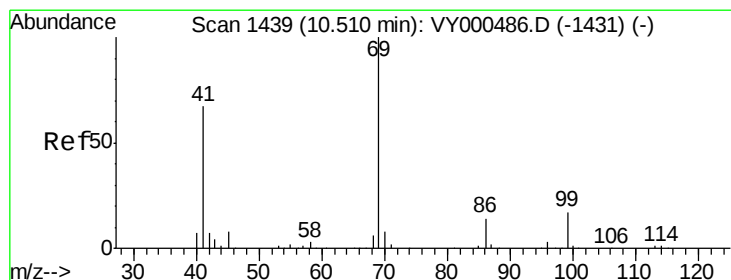
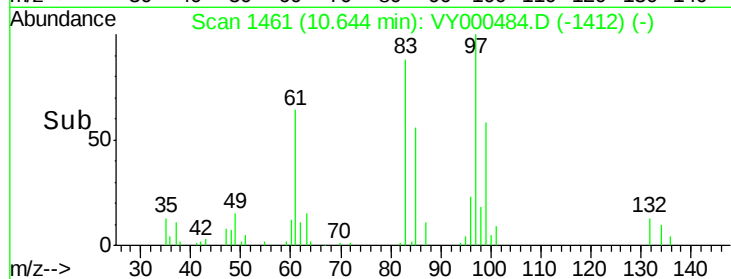
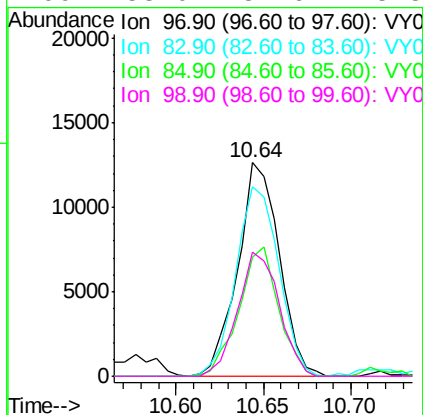
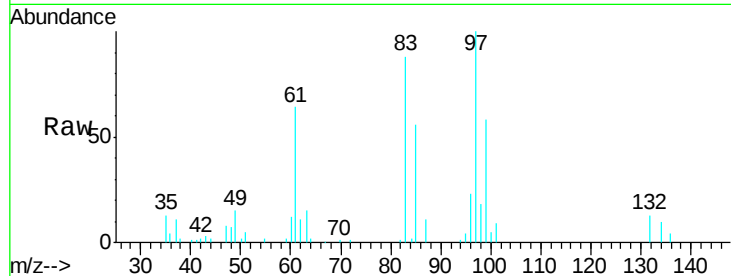




#55
 1,1,2-Trichloroethane
 Concen: 10.045 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

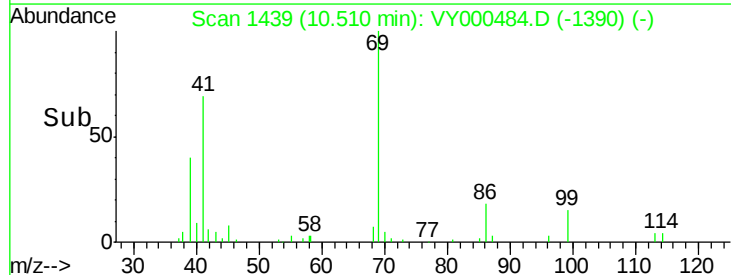
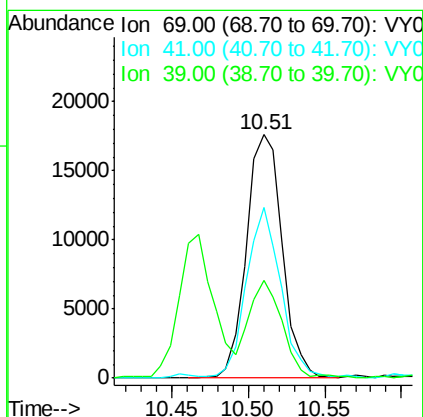
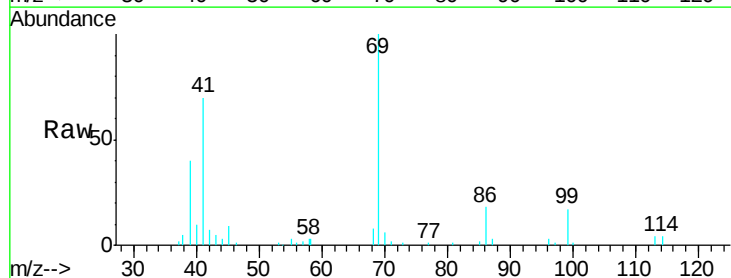
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	20927
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.2	105.4
85	55.9	46.9	70.3
99	58.0	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 9.695 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion:	69	Resp:	28628
Ion	Ratio	Lower	Upper
69	100		
41	68.1	53.3	79.9
39	37.3	28.0	42.0





#57

1,3-Dichloropropane

Concen: 10.238 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

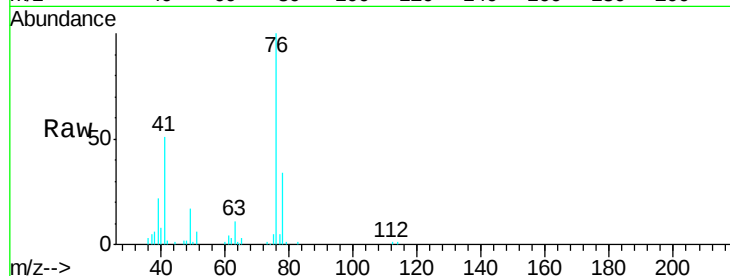
VSTDIC010

Tgt Ion: 76 Resp: 37332

Ion Ratio Lower Upper

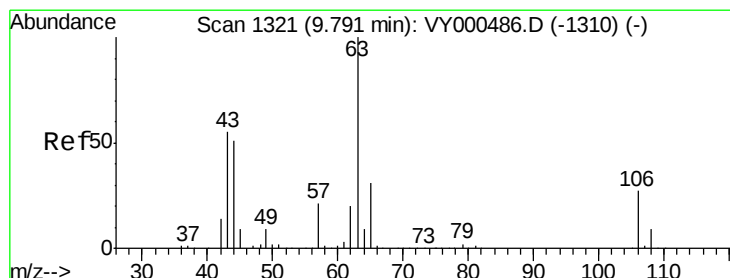
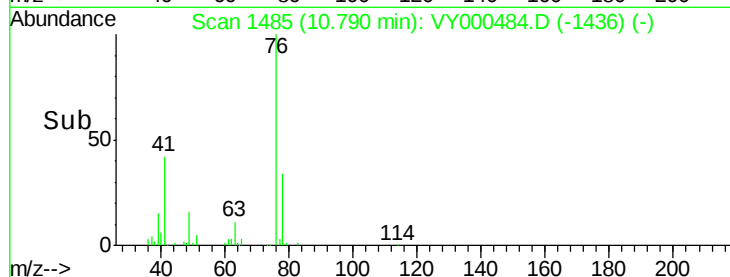
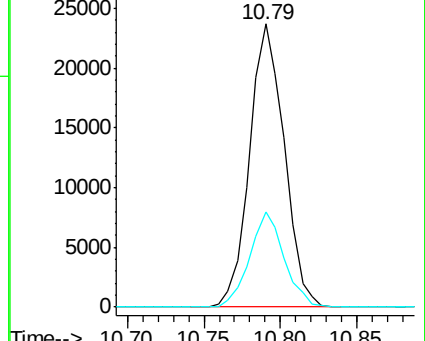
76 100

78 33.4 25.2 37.8



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: 45.753 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000484.D

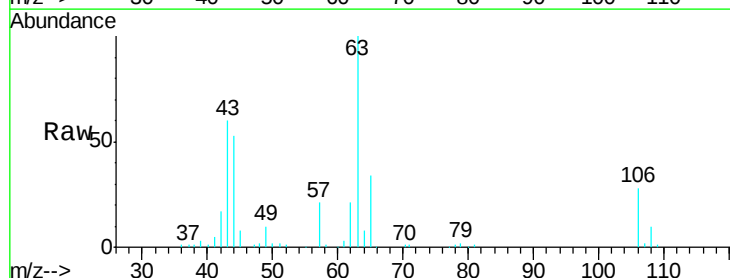
Acq: 30 Oct 2019 11:01

Tgt Ion: 63 Resp: 61078

Ion Ratio Lower Upper

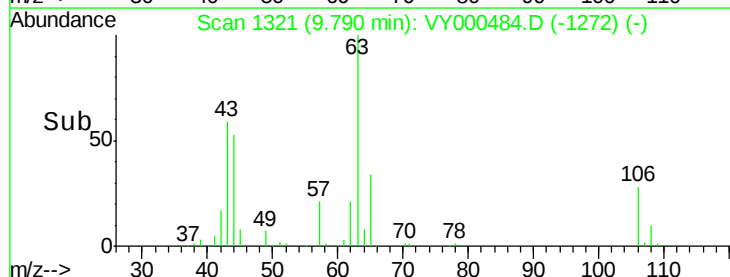
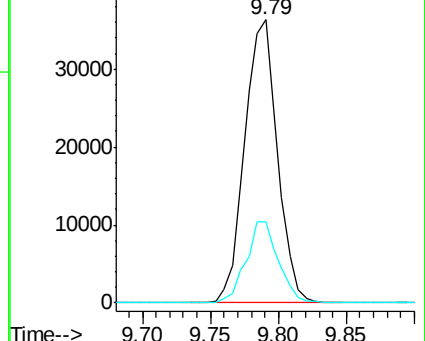
63 100

106 28.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

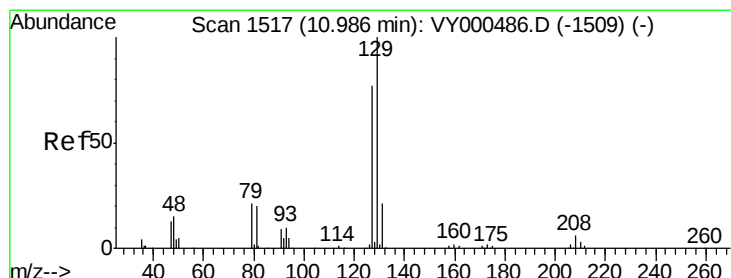
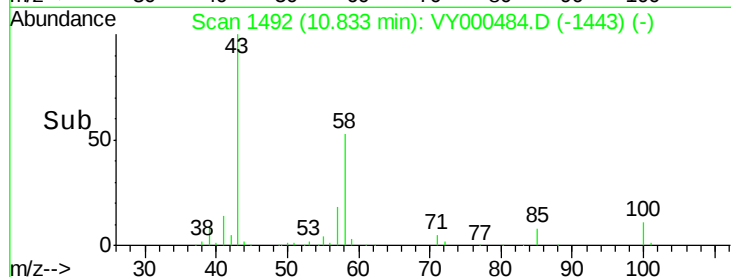
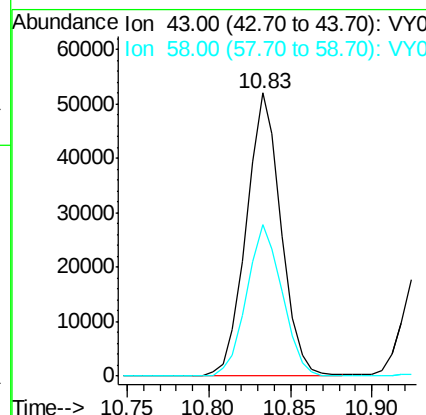
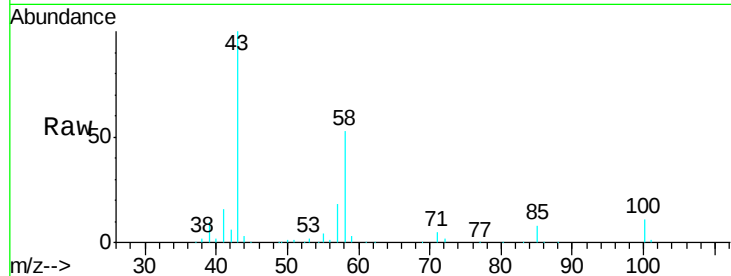




#59
2-Hexanone
Concen: 49.281 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

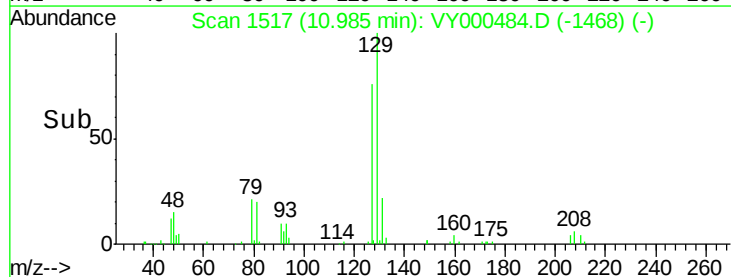
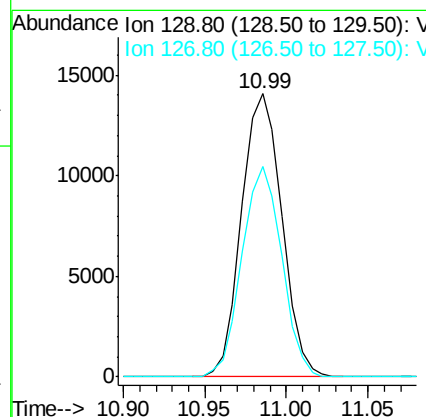
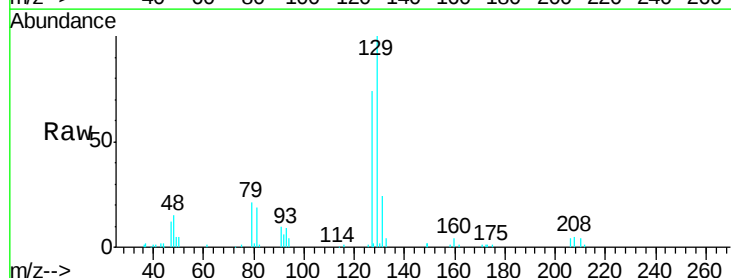
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

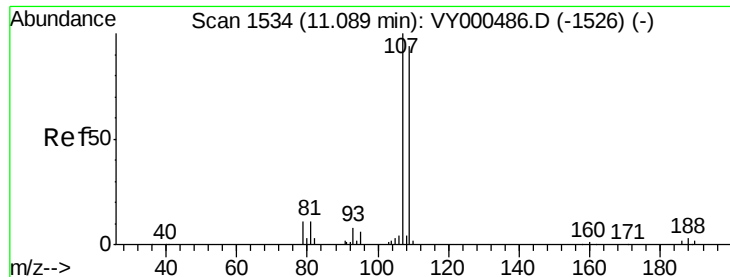
Tgt Ion: 43 Resp: 77281
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3



#60
Dibromochloromethane
Concen: 10.145 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 129 Resp: 24209
Ion Ratio Lower Upper
129 100
127 73.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 9.958 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

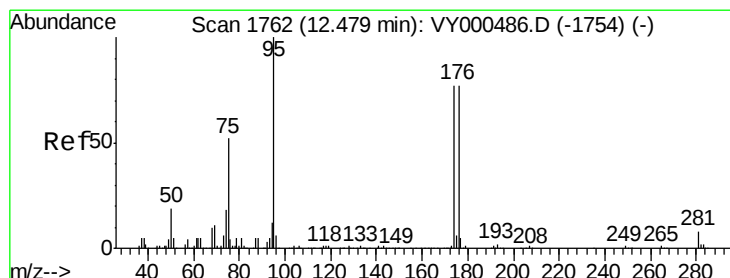
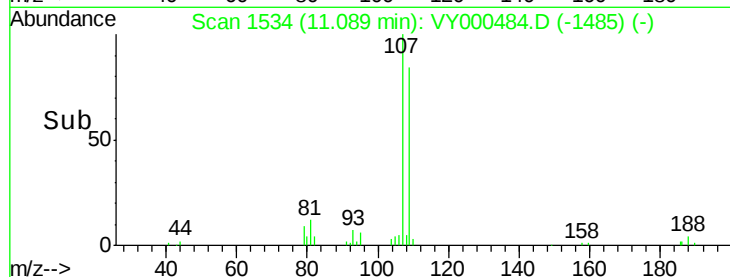
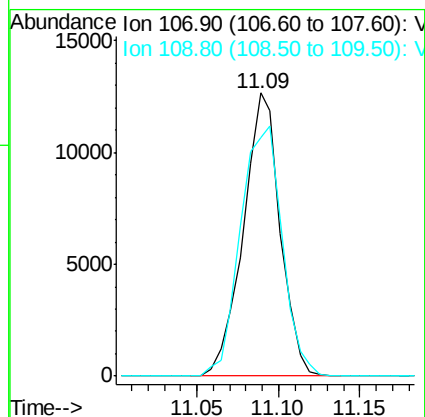
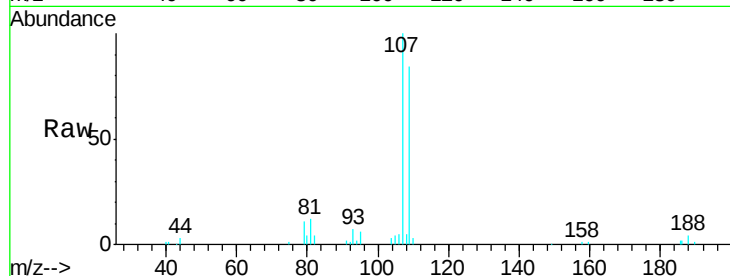
VSTDIC010

Tgt Ion: 107 Resp: 19947

Ion Ratio Lower Upper

107 100

109 100.0 73.6 110.4



#62

4-Bromofluorobenzene

Concen: 10.508 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

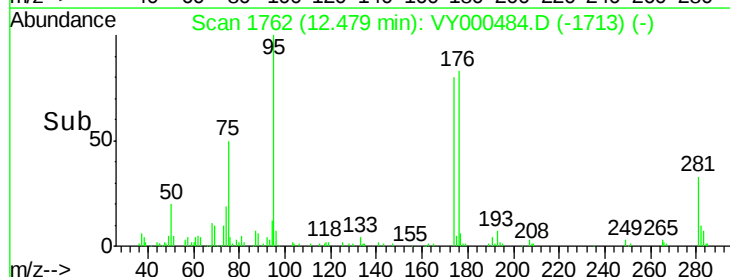
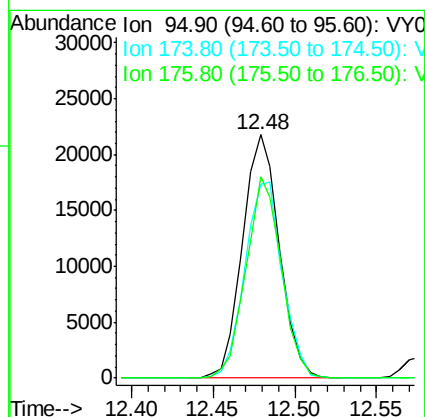
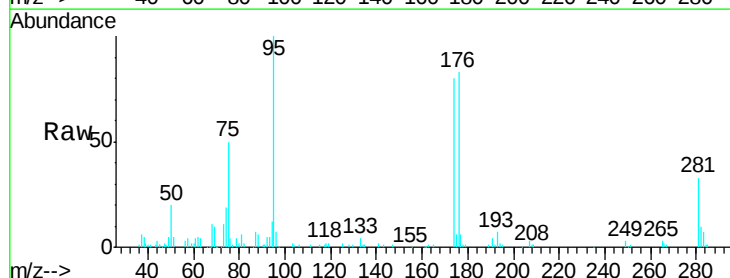
Tgt Ion: 95 Resp: 34217

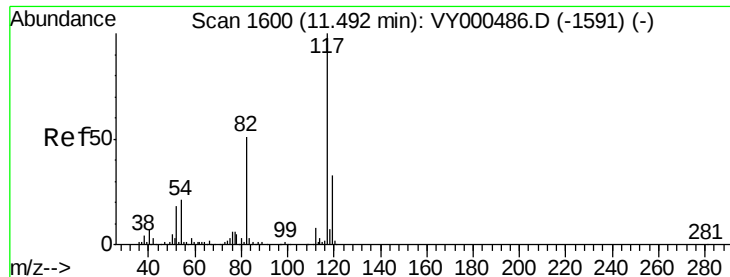
Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

176 79.2 0.0 157.8

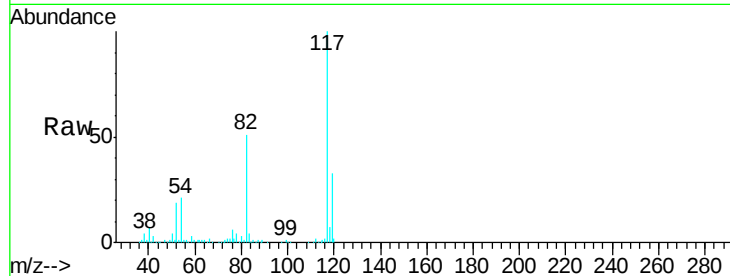




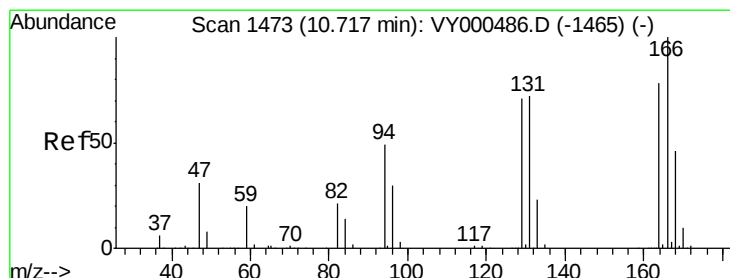
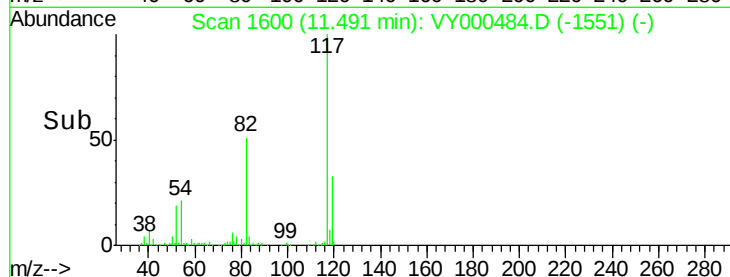
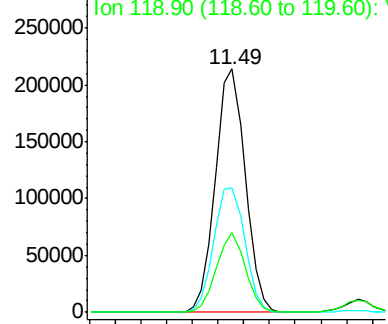
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tgt Ion:117 Resp: 343111
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 32.7 26.2 39.2

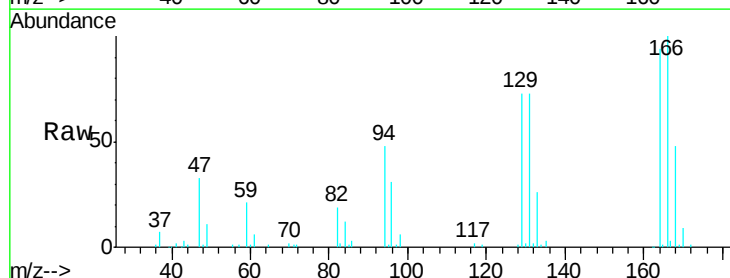


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

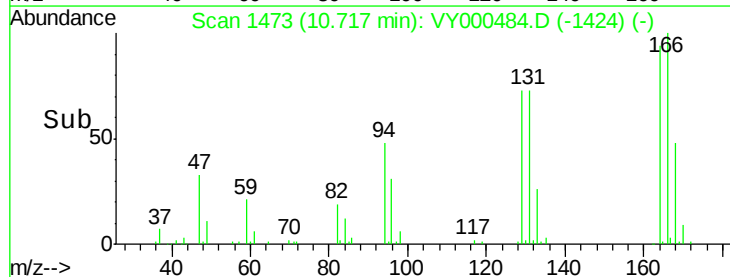
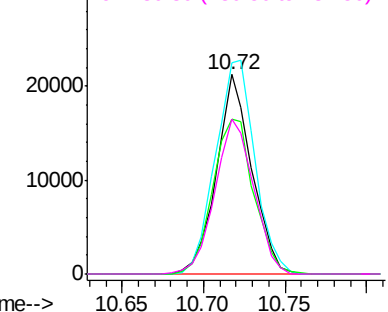


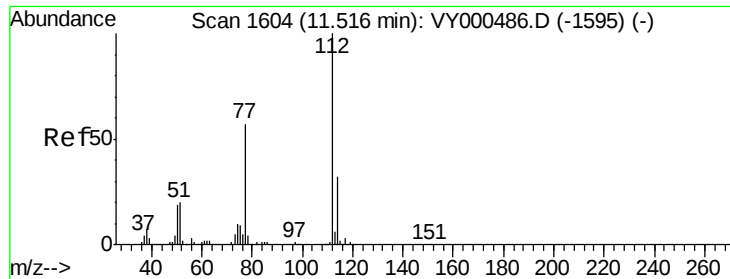
#64
Tetrachloroethene
Concen: 11.309 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion:164 Resp: 32084
Ion Ratio Lower Upper
164 100
166 106.0 102.7 154.1
129 77.8 73.2 109.8
131 77.4 74.2 111.2



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

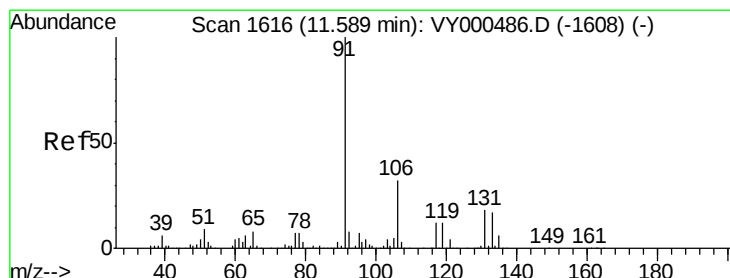
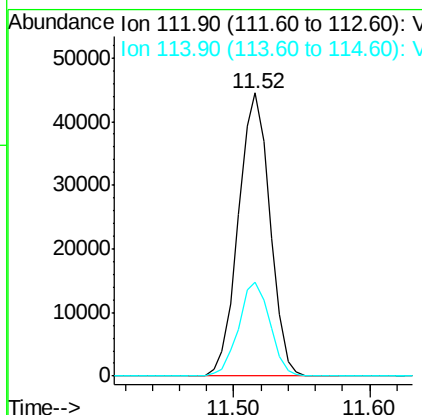
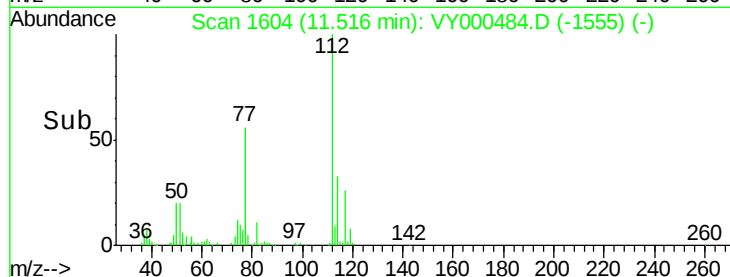
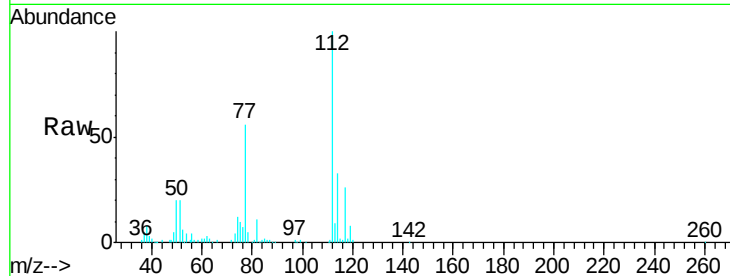




#65
Chlorobenzene
Concen: 10.377 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

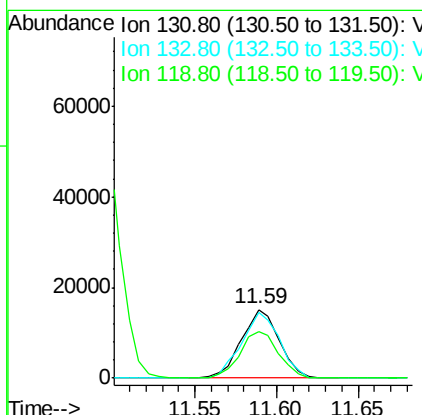
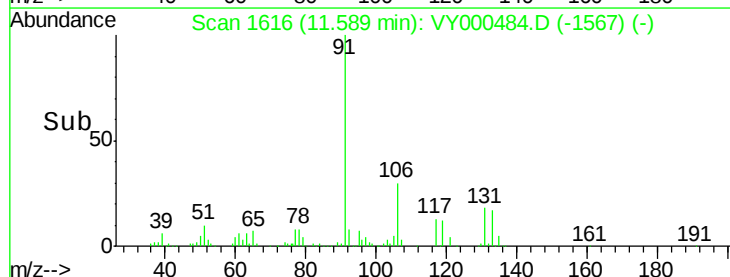
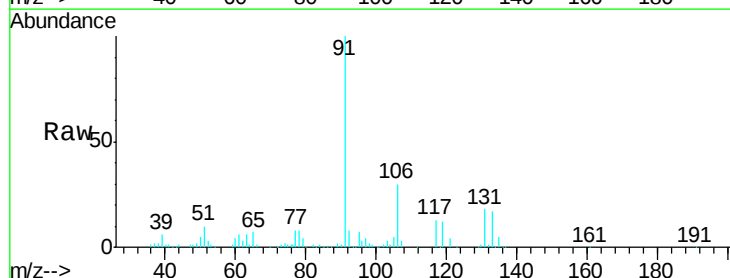
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

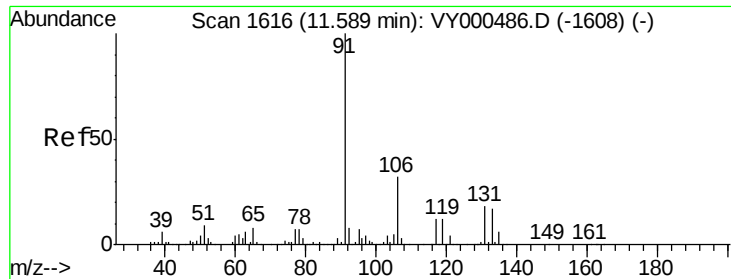
Tgt Ion:112 Resp: 72190
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.193 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion:131 Resp: 24591
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 68.3 33.1 99.3

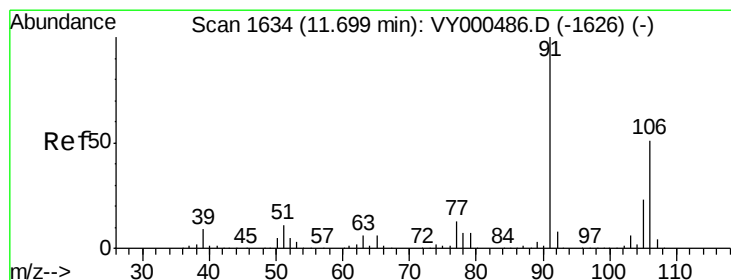
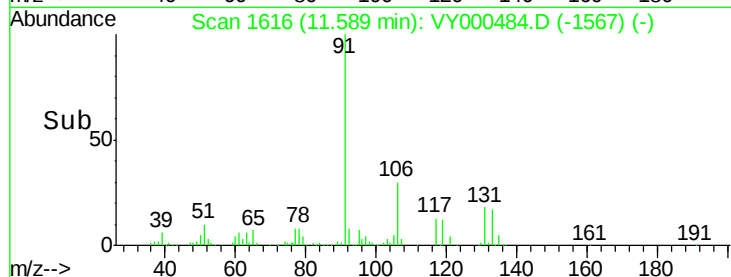
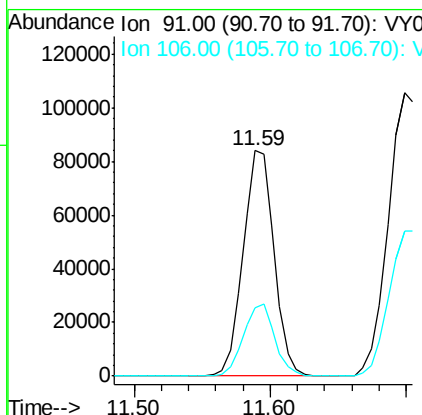
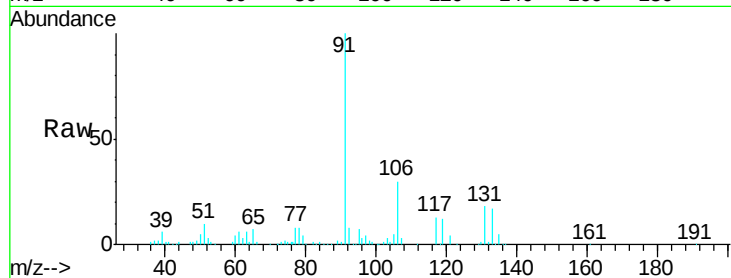




#67
Ethyl Benzene
Concen: 10.414 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

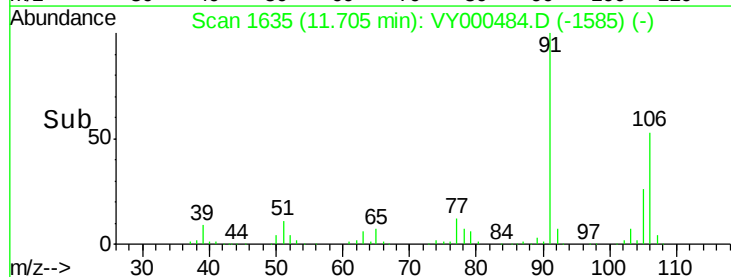
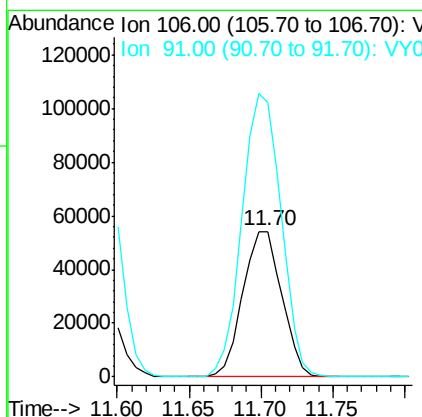
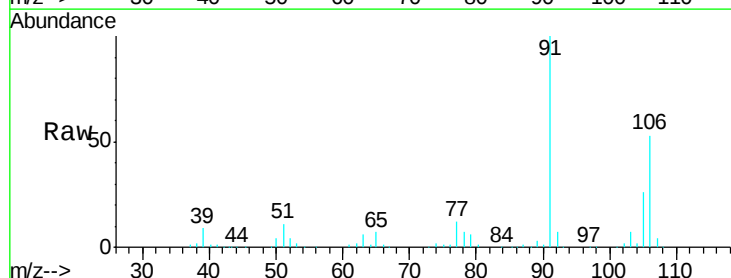
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

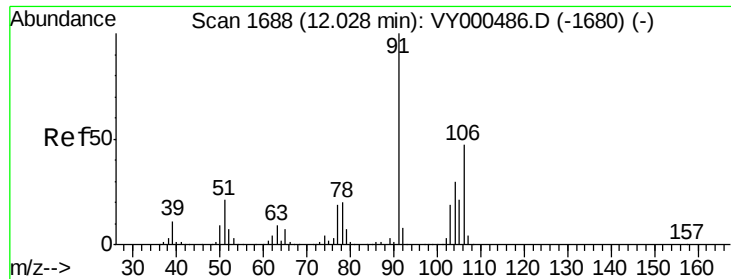
Tgt Ion: 91 Resp: 133327
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0



#68
m/p-Xylenes
Concen: 20.503 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 106 Resp: 101599
Ion Ratio Lower Upper
106 100
91 195.3 155.9 233.9

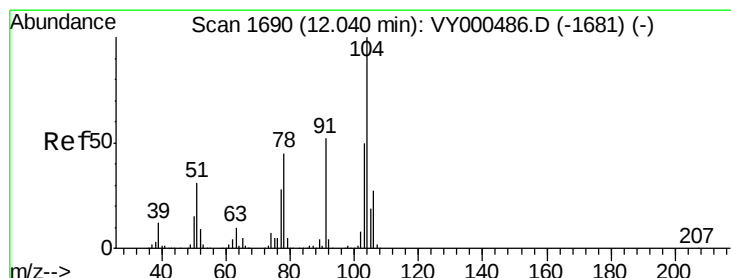
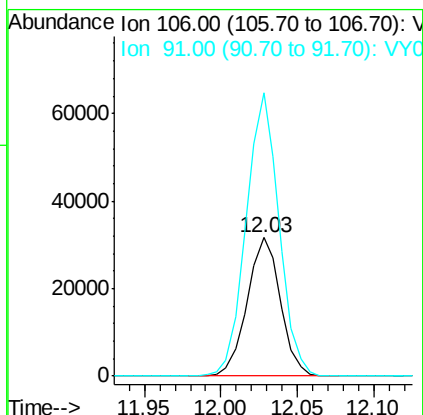
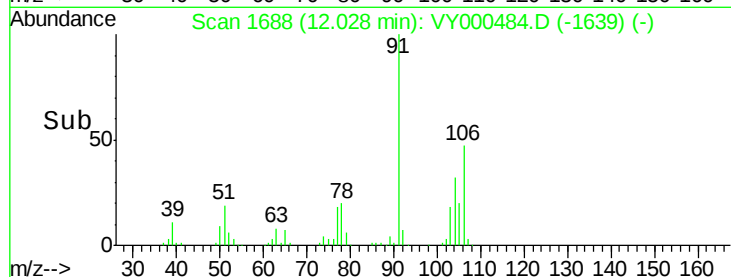
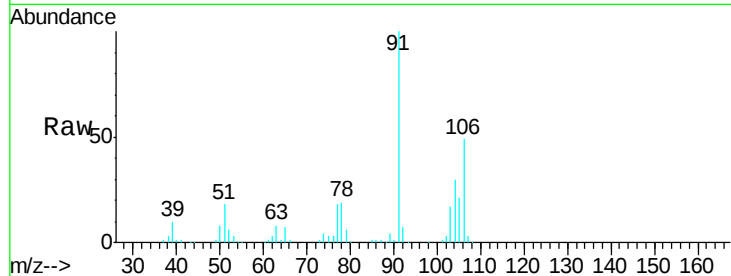




#69
o-Xylene
Concen: 10.288 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

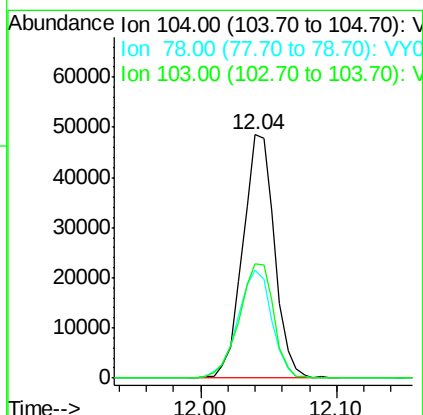
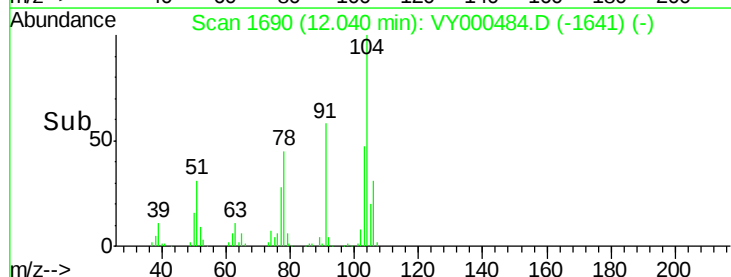
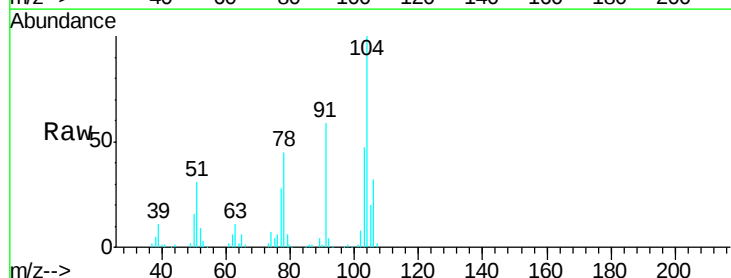
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

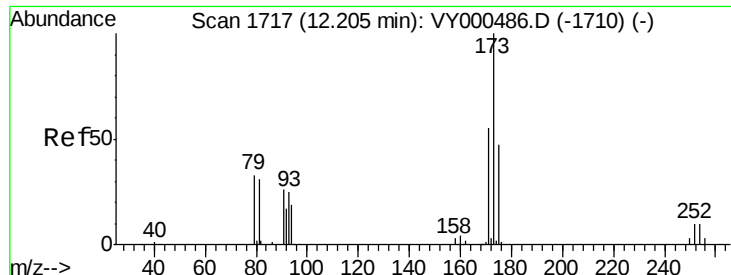
Tgt Ion:106 Resp: 47914
Ion Ratio Lower Upper
106 100
91 201.2 106.5 319.6



#70
Styrene
Concen: 9.908 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion:104 Resp: 79014
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 51.0 42.5 63.7

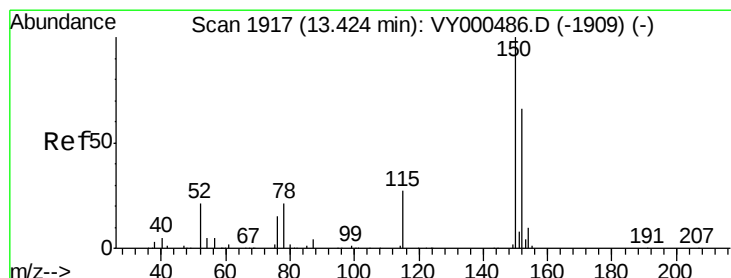
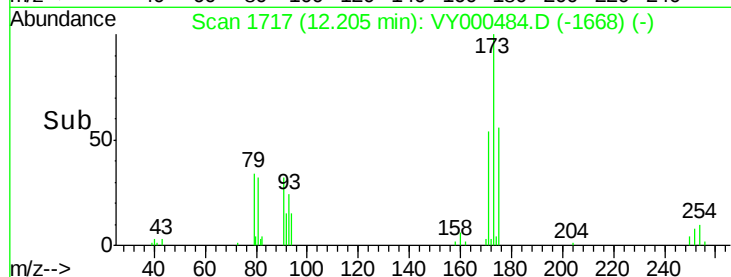
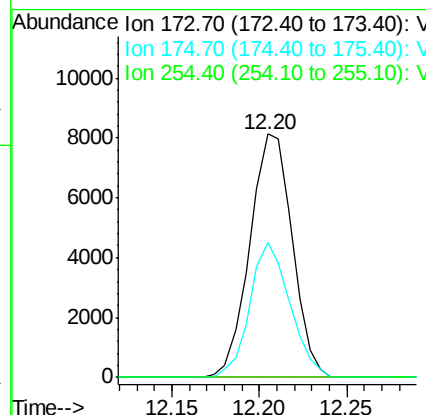
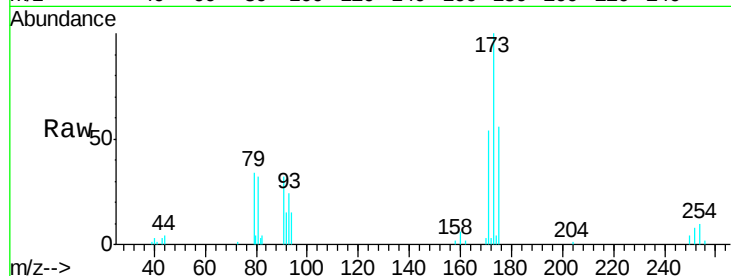




#71
 Bromoform
 Concen: 9.866 ug/l
 RT: 12.20 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

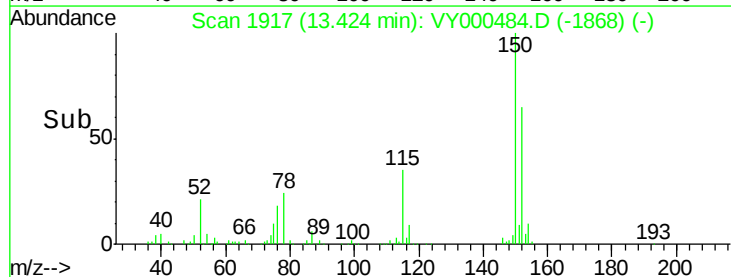
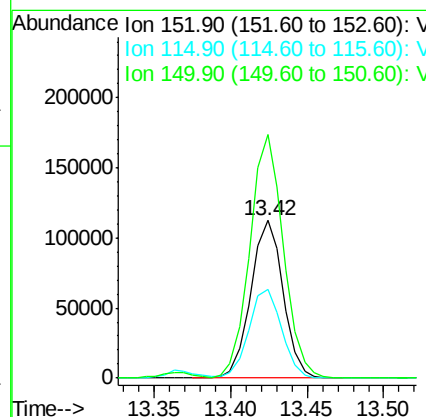
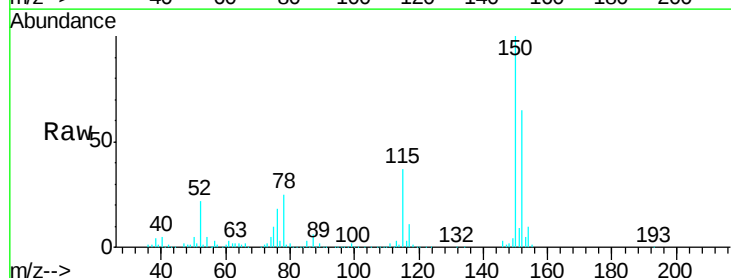
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

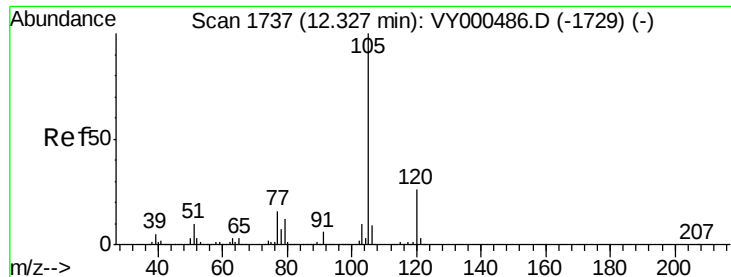
Tgt Ion:173 Resp: 13691
 Ion Ratio Lower Upper
 173 100
 175 52.4 24.4 73.2
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion:152 Resp: 165331
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.4
 150 159.7 0.0 348.8





#73

Isopropylbenzene

Concen: 10.287 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

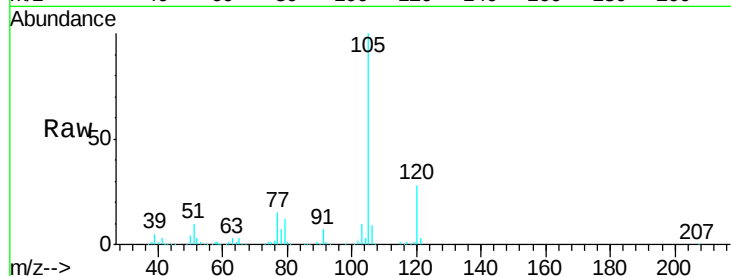
VSTDIC010

Tgt Ion:105 Resp: 125703

Ion Ratio Lower Upper

105 100

120 28.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

80000

60000

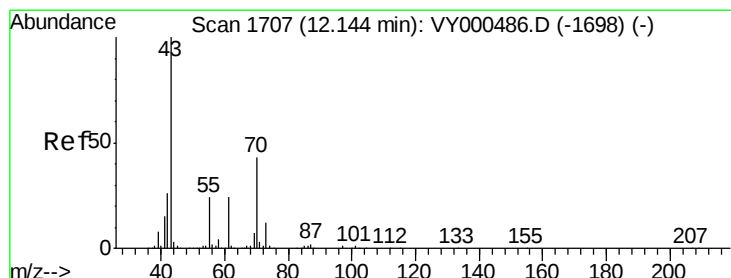
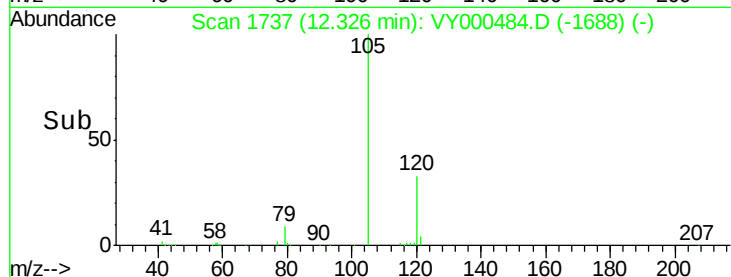
40000

20000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 9.562 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Tgt Ion: 43 Resp: 33463

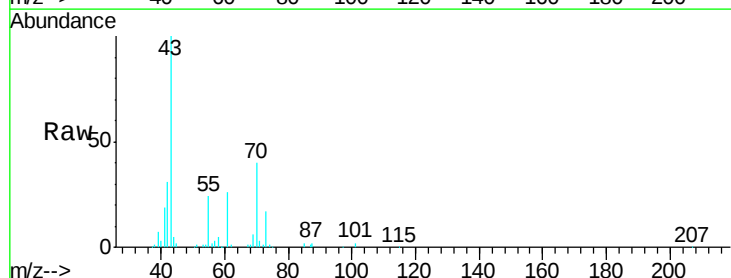
Ion Ratio Lower Upper

43 100

70 43.1 33.1 49.7

55 23.8 18.0 27.0

61 23.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

30000

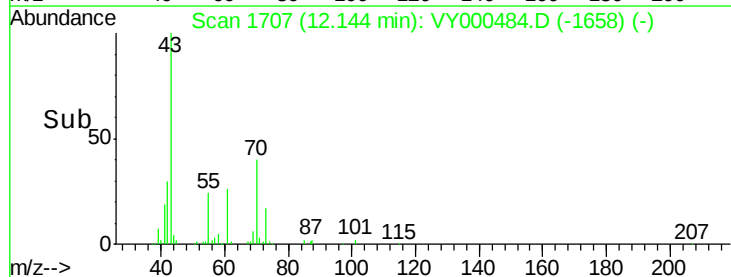
20000

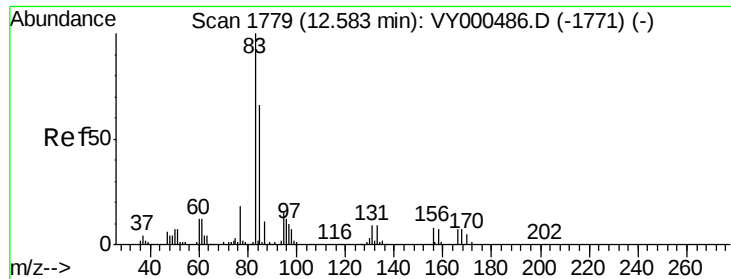
10000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 10.388 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

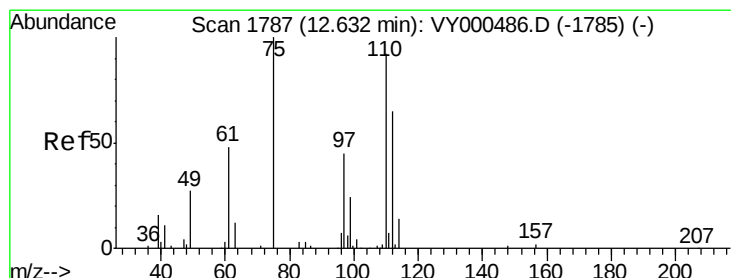
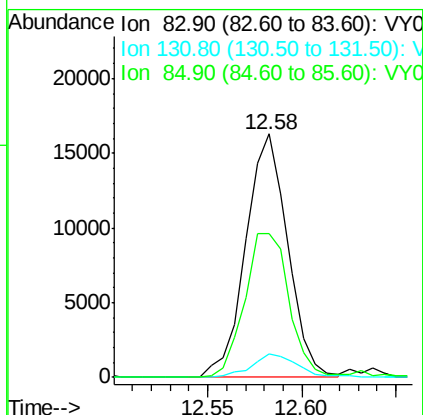
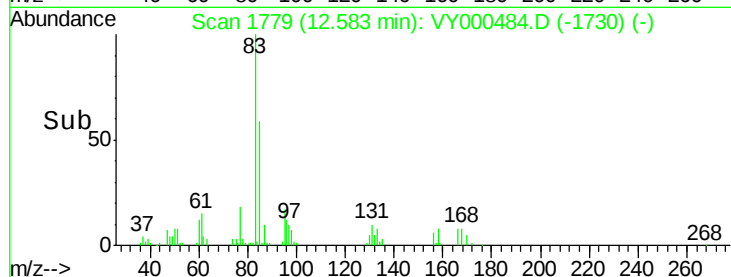
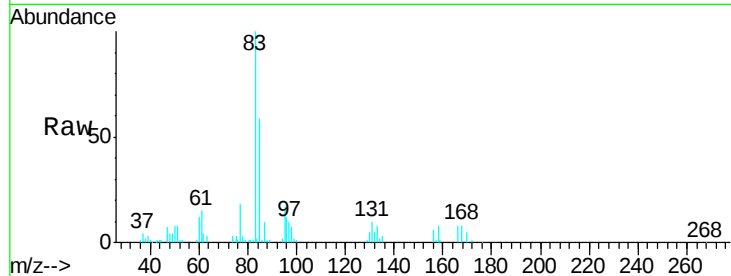
Tgt Ion: 83 Resp: 25132

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 62.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 11.407 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000484.D

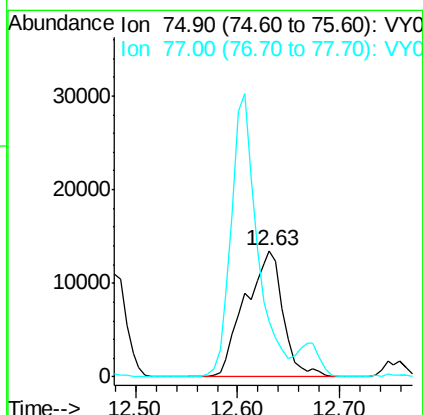
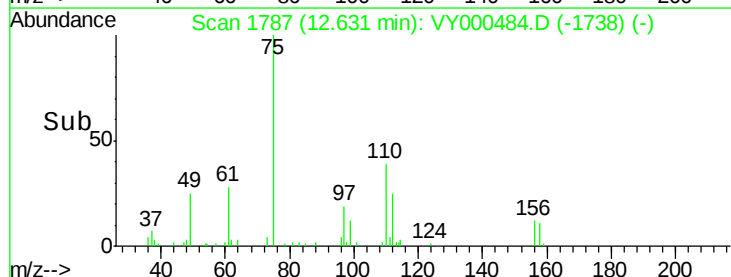
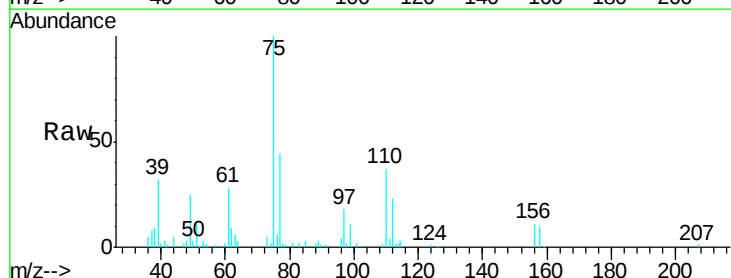
Acq: 30 Oct 2019 11:01

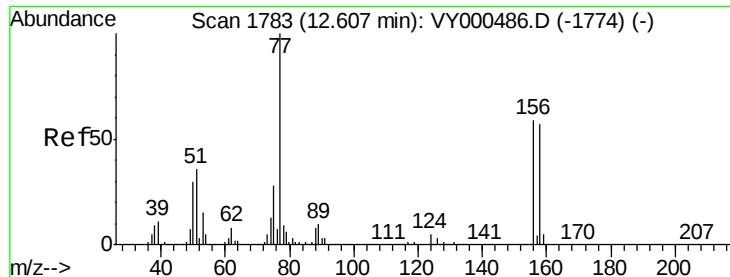
Tgt Ion: 75 Resp: 34877

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.535 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

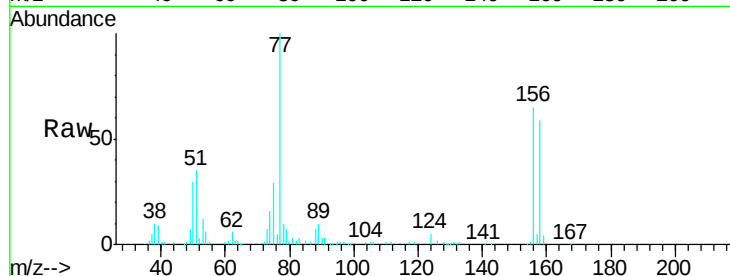
Tgt Ion:156 Resp: 29193

Ion Ratio Lower Upper

156 100

77 183.6 98.2 294.4

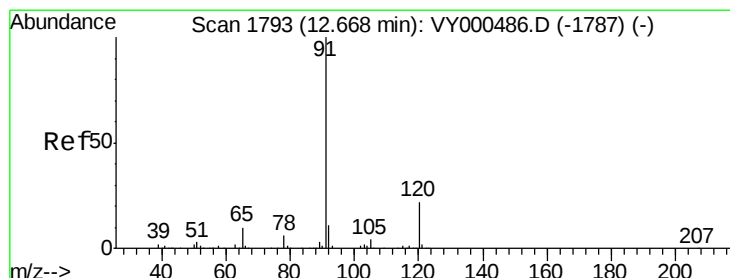
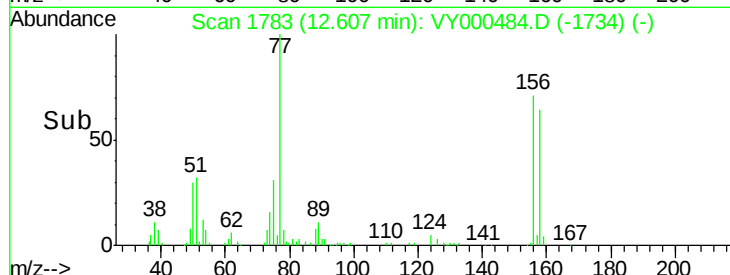
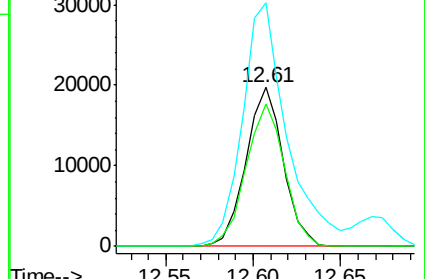
158 92.9 49.6 149.0



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: 10.346 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000484.D

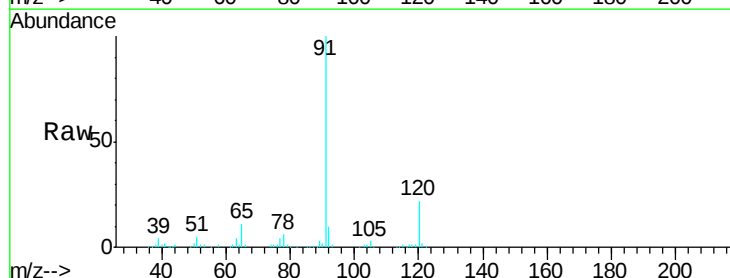
Acq: 30 Oct 2019 11:01

Tgt Ion: 91 Resp: 152534

Ion Ratio Lower Upper

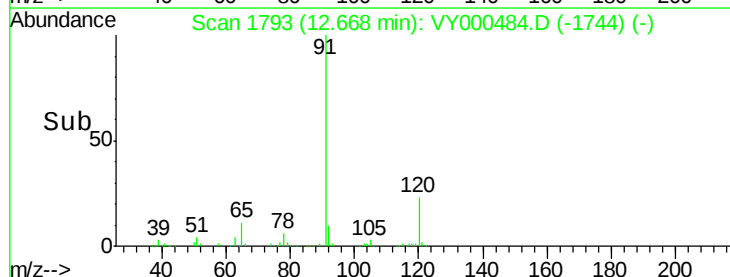
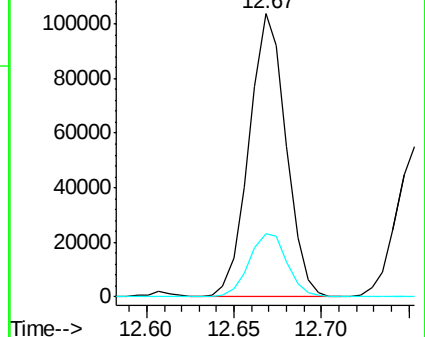
91 100

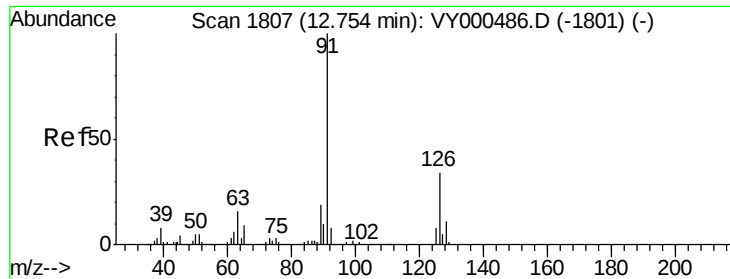
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.349 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

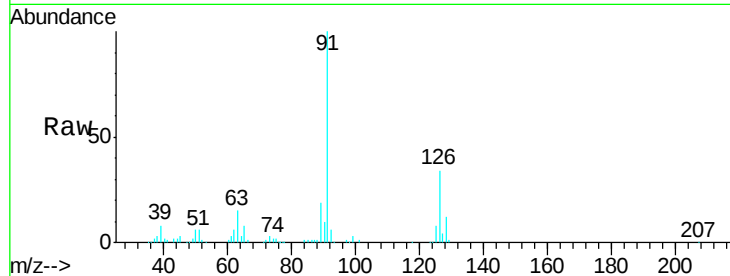
VSTDIC010

Tgt Ion: 91 Resp: 84705

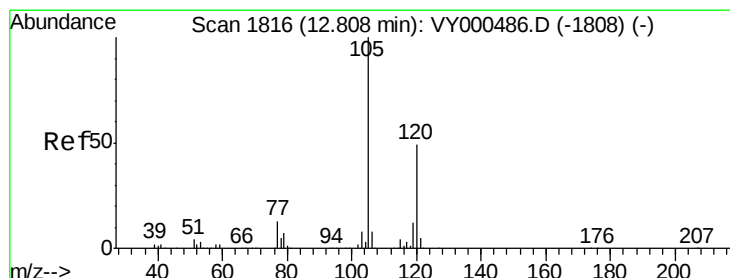
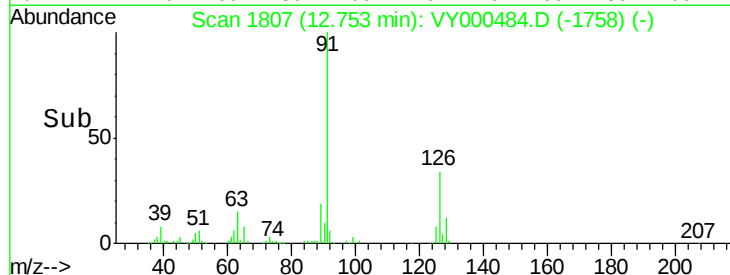
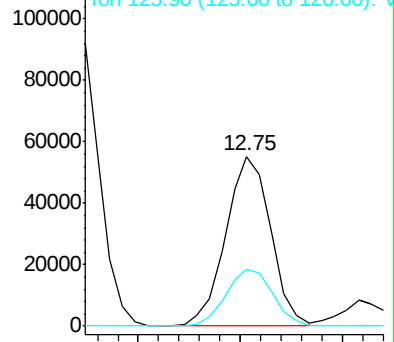
Ion Ratio Lower Upper

91 100

126 34.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.457 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000484.D

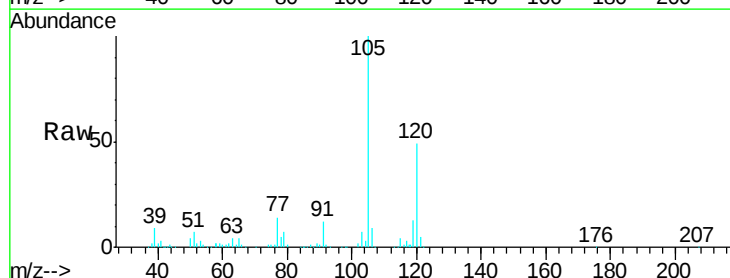
Acq: 30 Oct 2019 11:01

Tgt Ion: 105 Resp: 106423

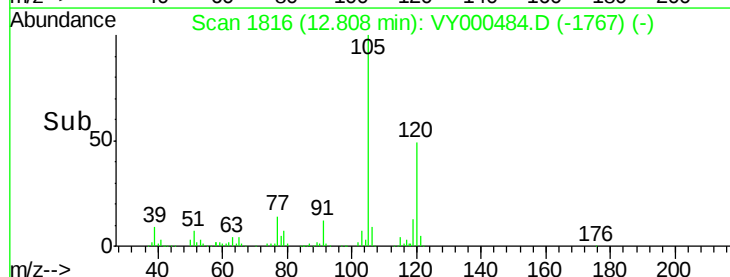
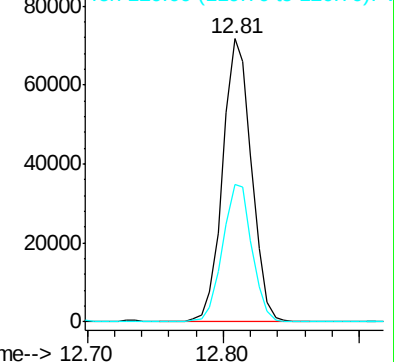
Ion Ratio Lower Upper

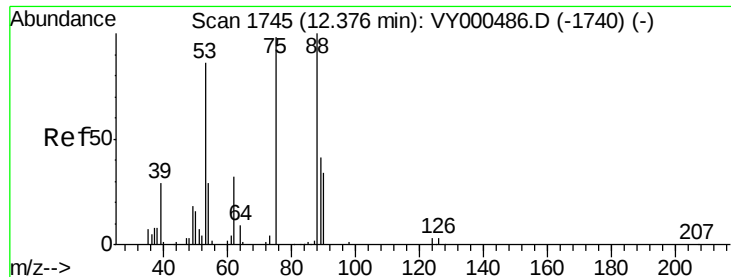
105 100

120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

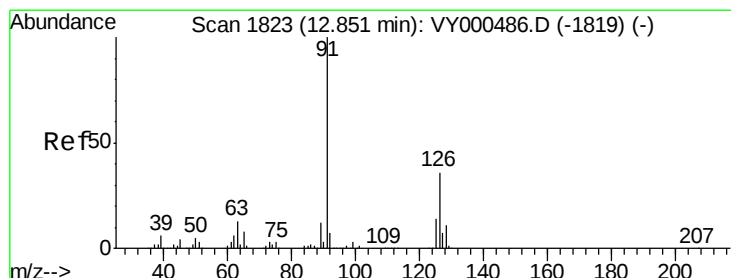
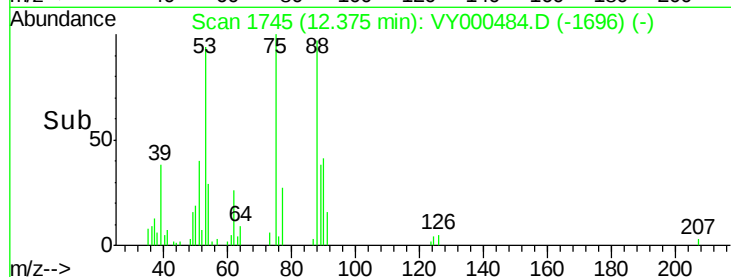
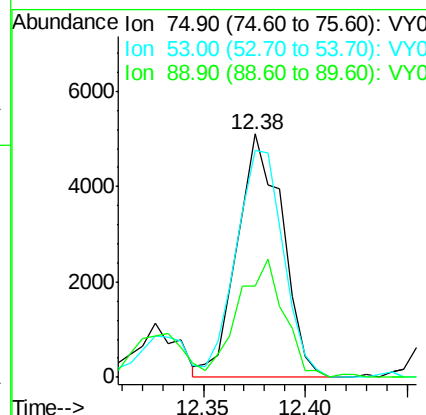
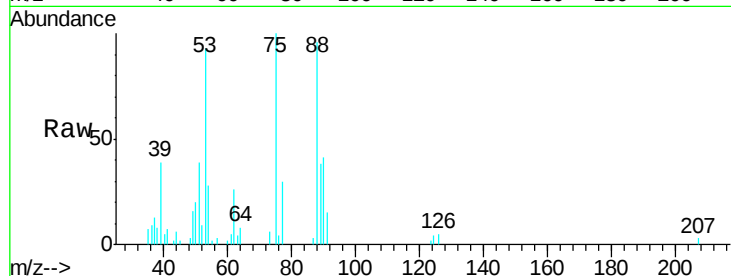




#81
trans-1,4-Dichloro-2-butene
Concen: 9.347 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

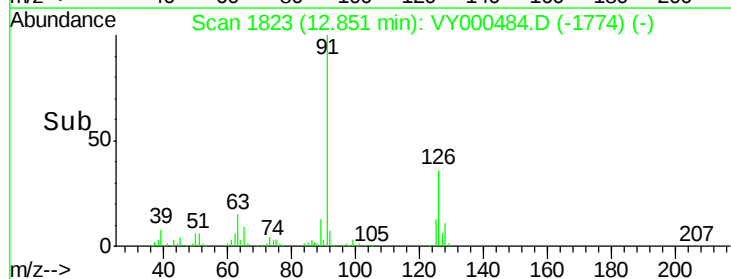
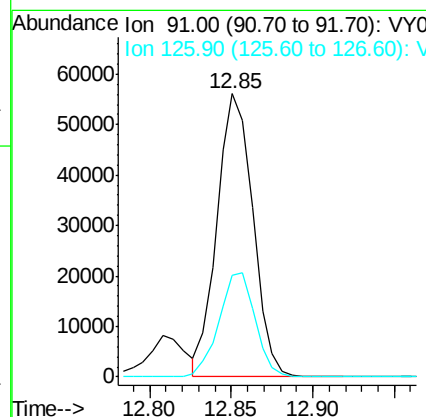
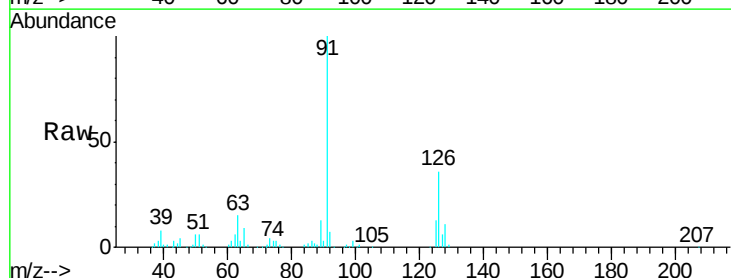
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

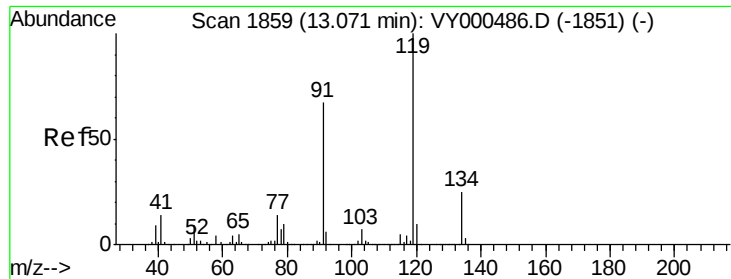
Tgt Ion: 75 Resp: 7848
Ion Ratio Lower Upper
75 100
53 97.1 73.2 109.8
89 49.4 35.9 53.9



#82
4-Chlorotoluene
Concen: 10.135 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 91 Resp: 85992
Ion Ratio Lower Upper
91 100
126 37.2 17.6 52.9

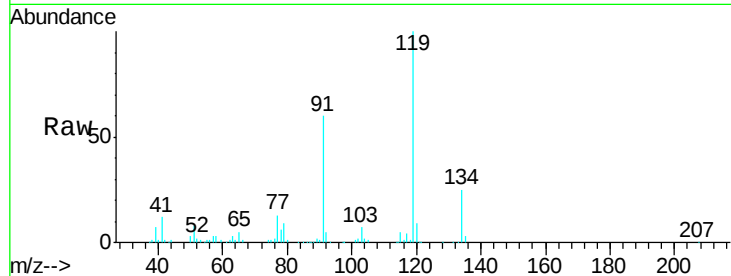




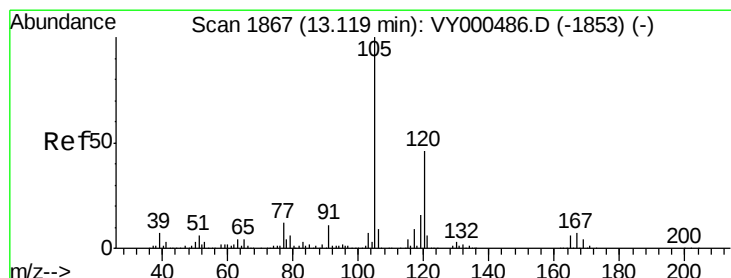
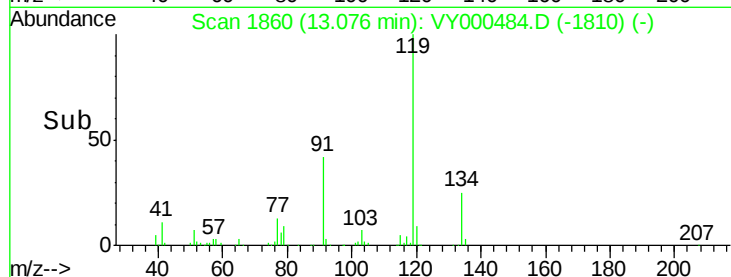
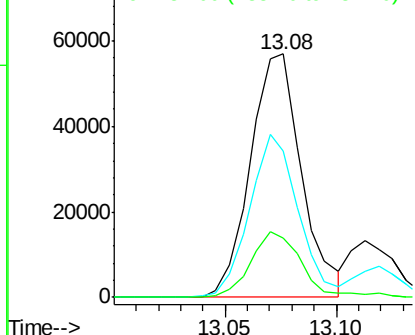
#83
 tert-Butylbenzene
 Concen: 10.531 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 91507
 Ion Ratio Lower Upper
 119 100
 91 63.4 32.1 96.3
 134 26.9 13.2 39.5

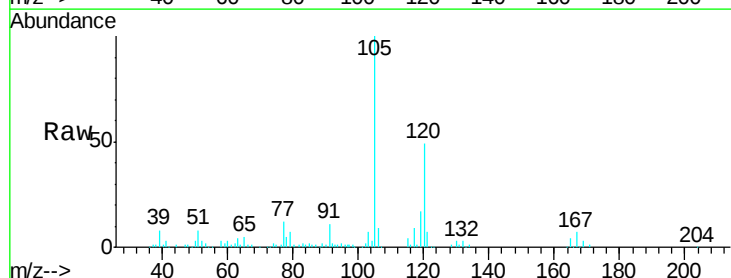


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

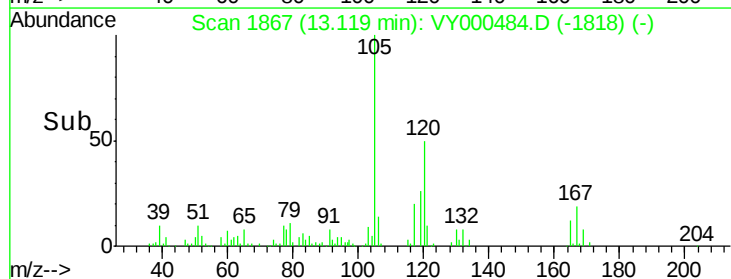
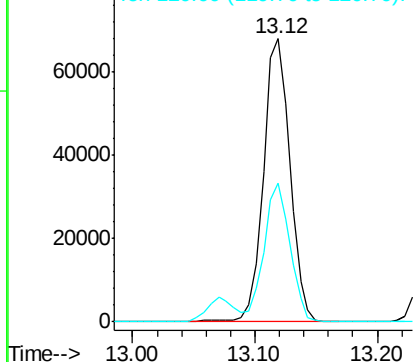


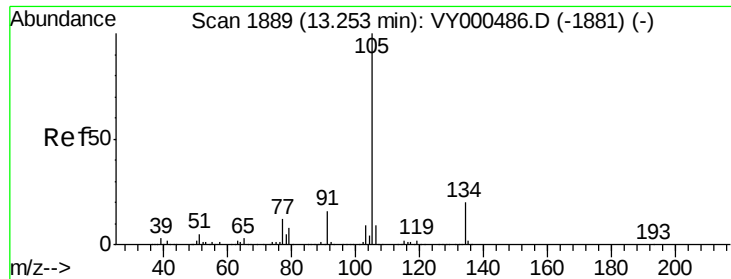
#84
 1,2,4-Trimethylbenzene
 Concen: 10.123 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion:105 Resp: 102573
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

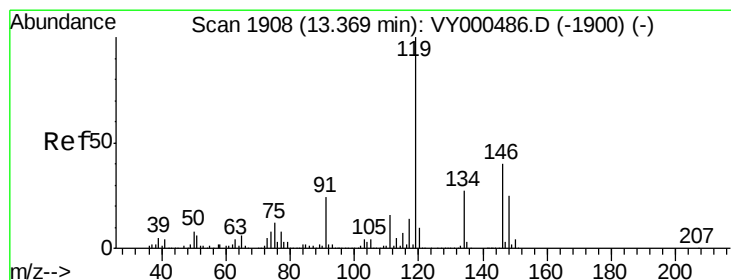
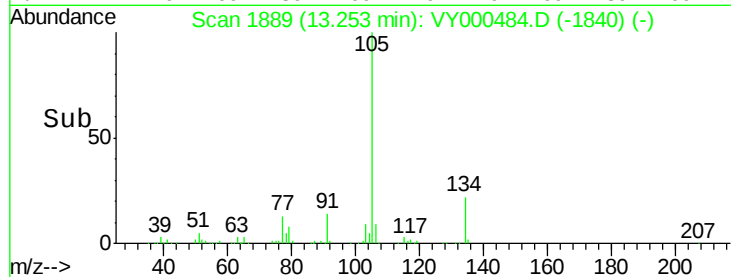
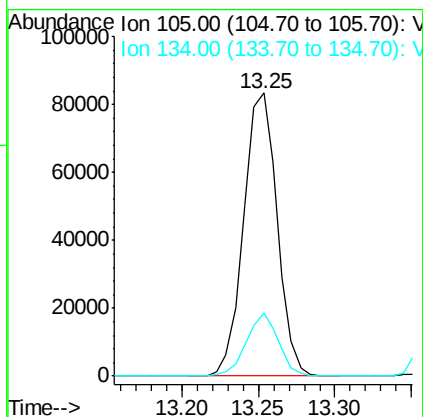
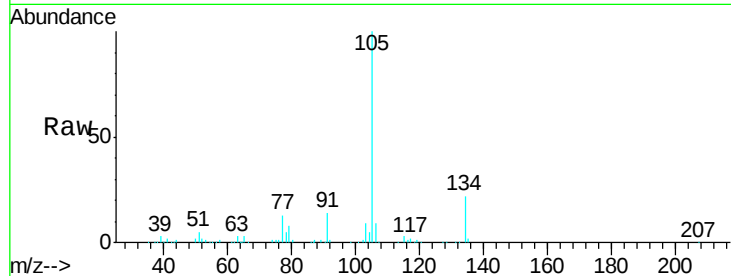




#85
 sec-Butylbenzene
 Concen: 10.221 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

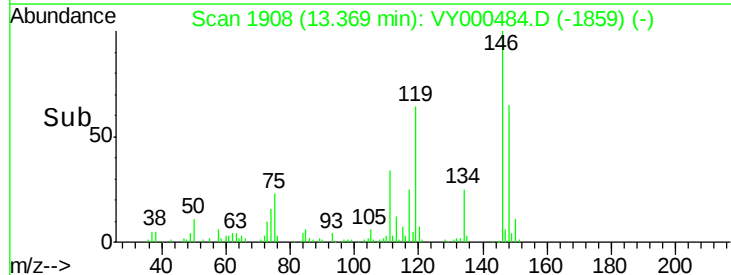
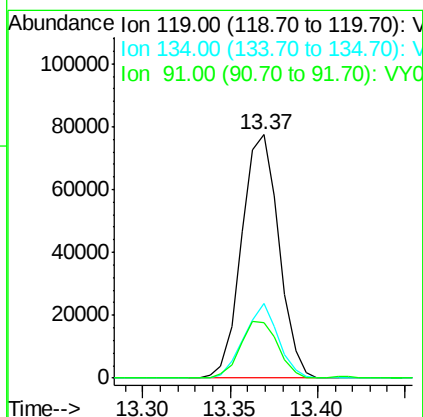
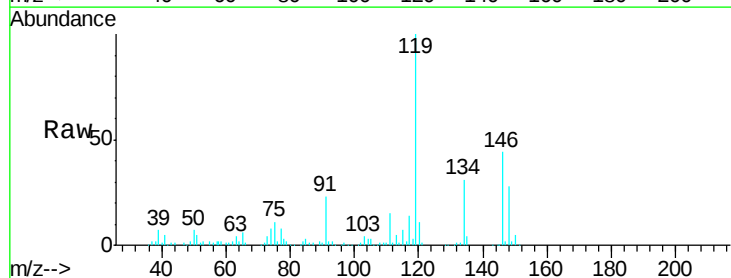
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 126536
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 10.386 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion:119 Resp: 114593
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.6 40.8
 91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 10.699 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

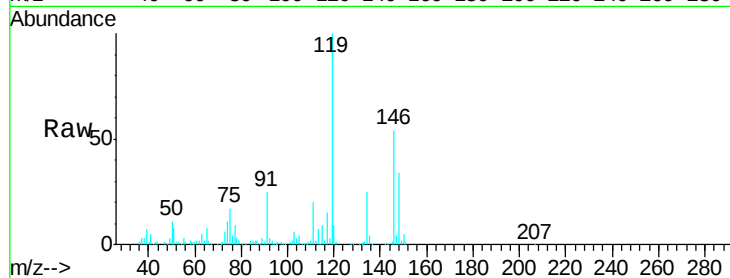
Tgt Ion:146 Resp: 58070

Ion Ratio Lower Upper

146 100

111 37.5 20.3 60.8

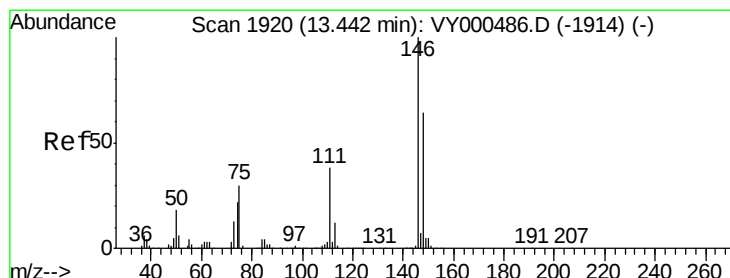
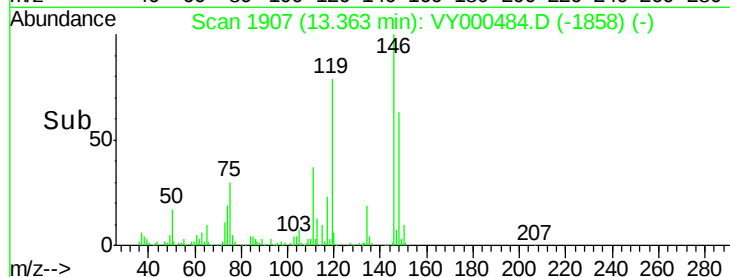
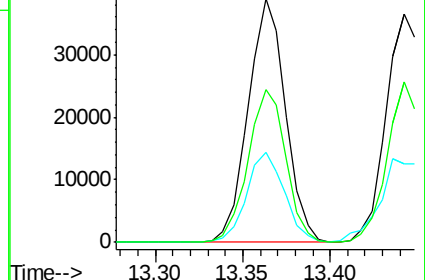
148 63.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 10.541 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

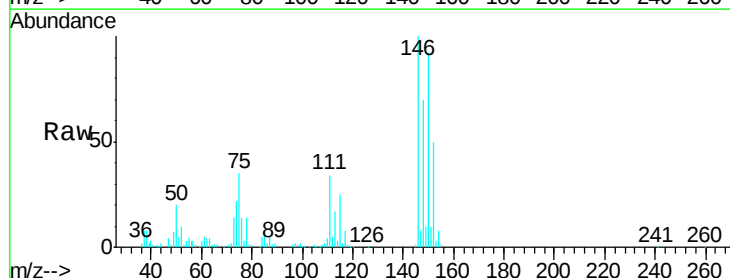
Tgt Ion:146 Resp: 57169

Ion Ratio Lower Upper

146 100

111 42.0 19.7 59.0

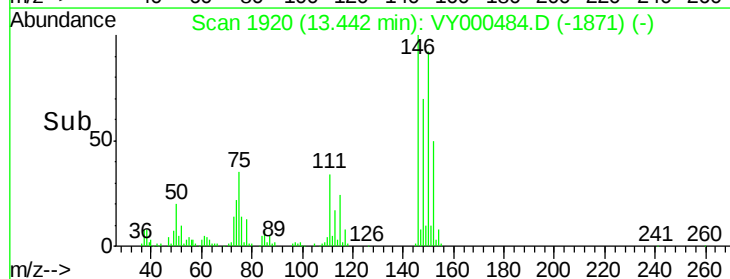
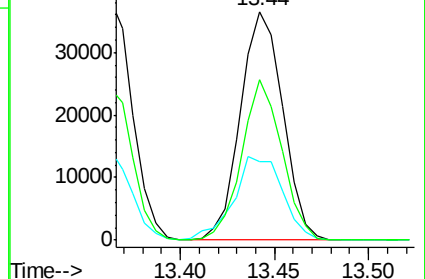
148 66.3 31.9 95.7

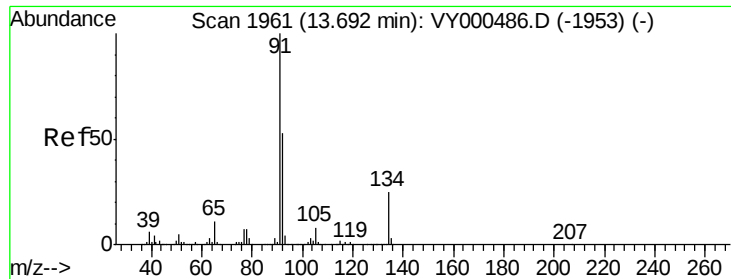


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

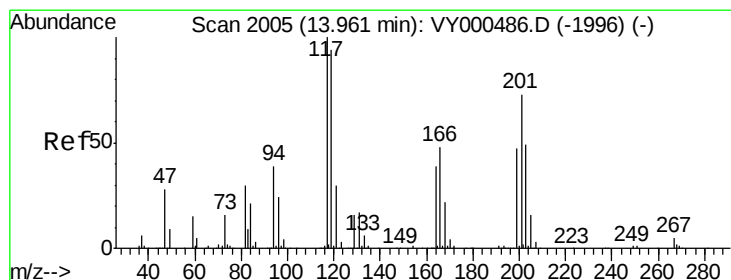
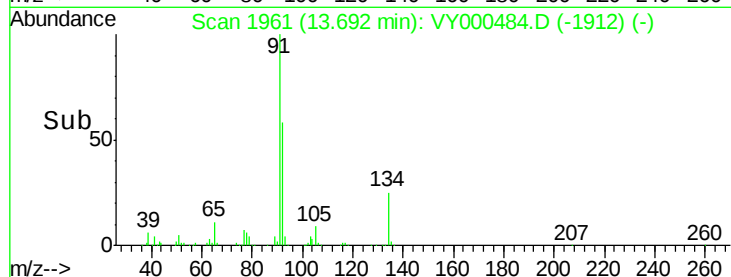
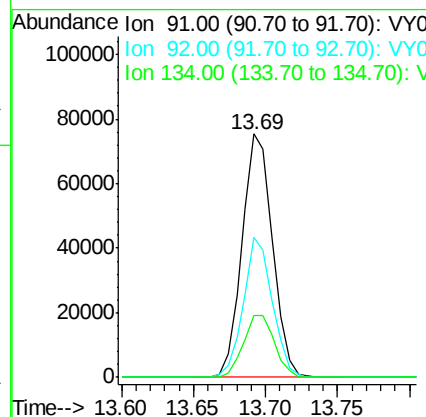
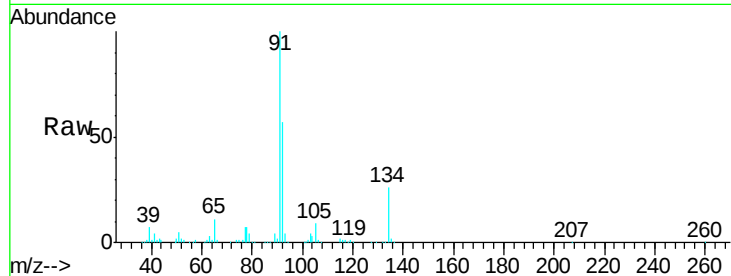




#89
n-Butylbenzene
Concen: 10.129 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

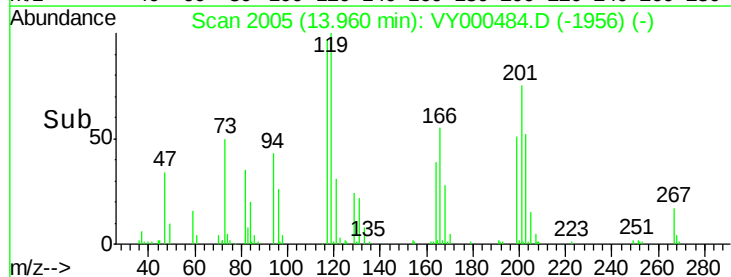
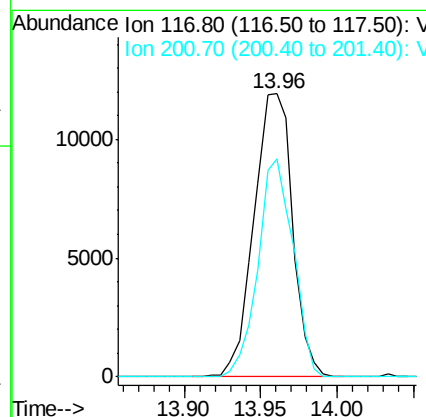
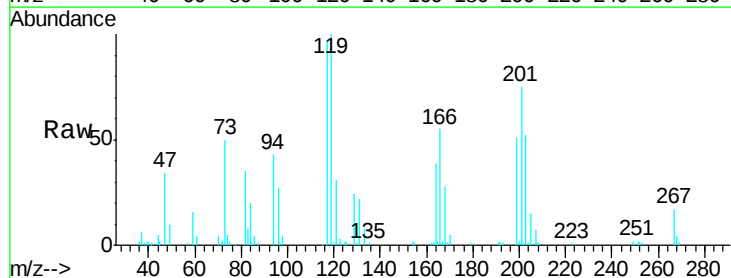
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

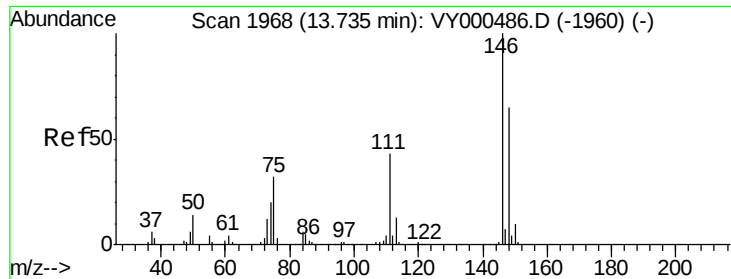
Tgt Ion: 91 Resp: 110224
Ion Ratio Lower Upper
91 100
92 54.5 26.8 80.3
134 26.2 12.9 38.7



#90
Hexachloroethane
Concen: 10.263 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000484.D
Acq: 30 Oct 2019 11:01

Tgt Ion: 117 Resp: 20935
Ion Ratio Lower Upper
117 100
201 70.4 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 10.551 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

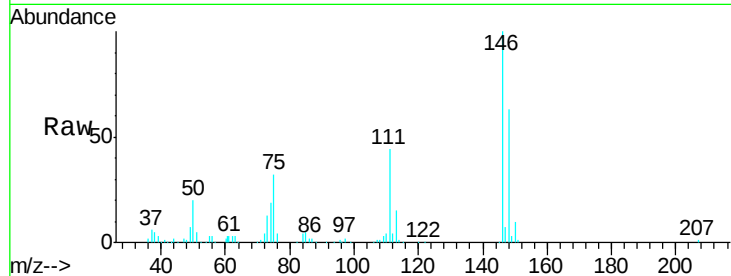
Tgt Ion:146 Resp: 51957

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.5

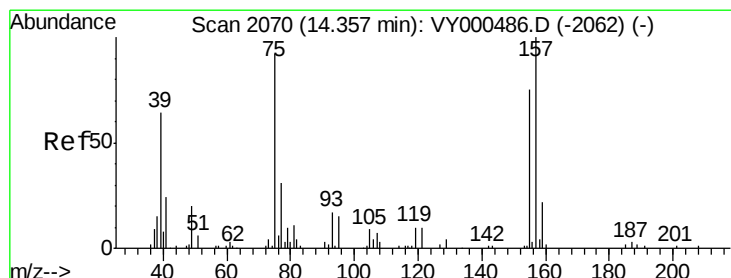
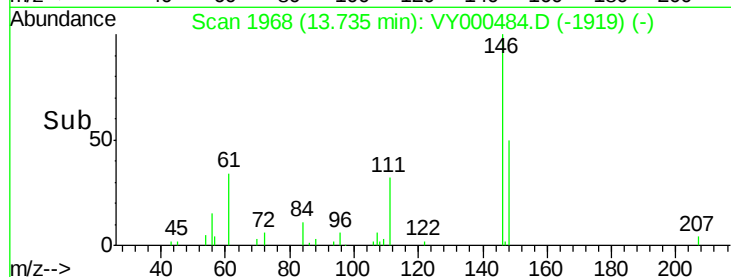
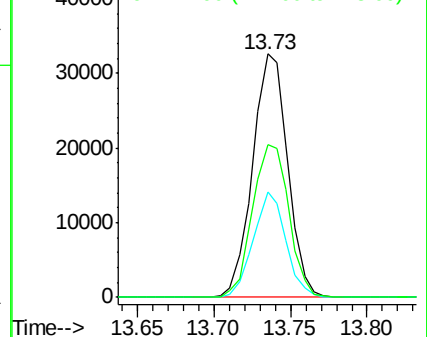
148 64.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.152 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

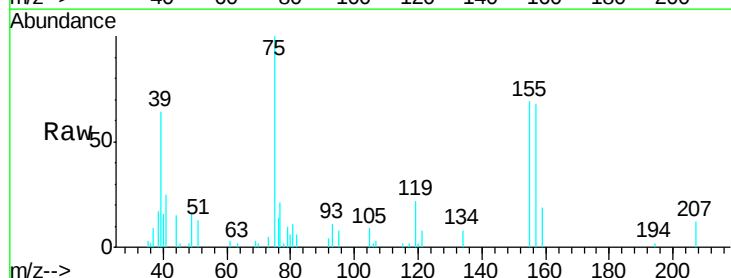
Tgt Ion: 75 Resp: 4775

Ion Ratio Lower Upper

75 100

155 77.3 42.4 127.1

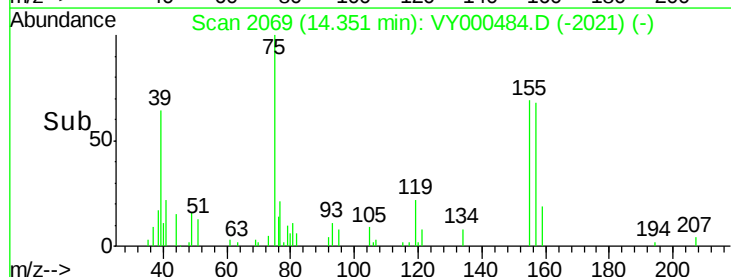
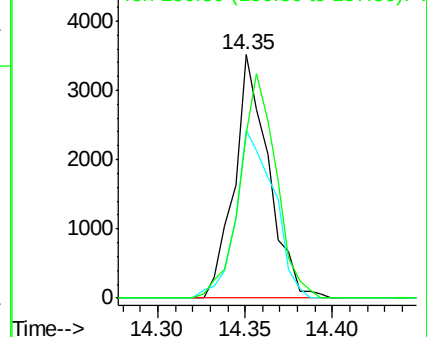
157 97.1 55.1 165.3

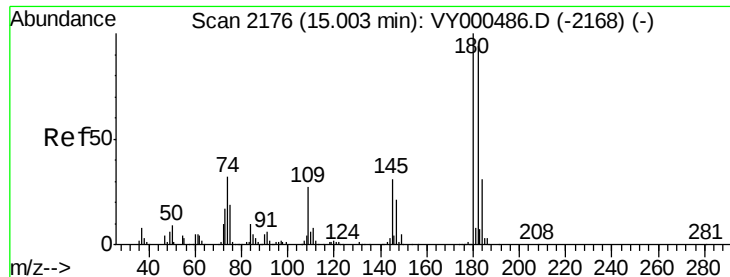


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

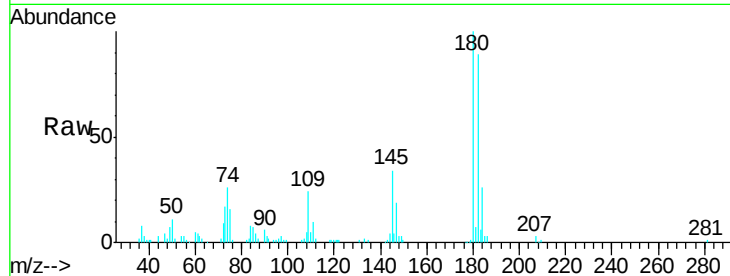




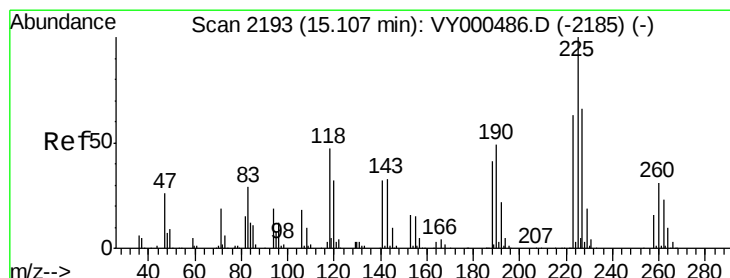
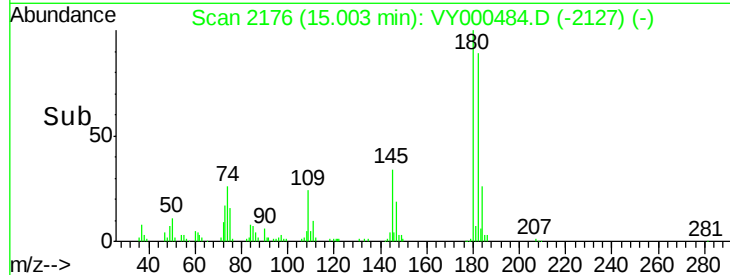
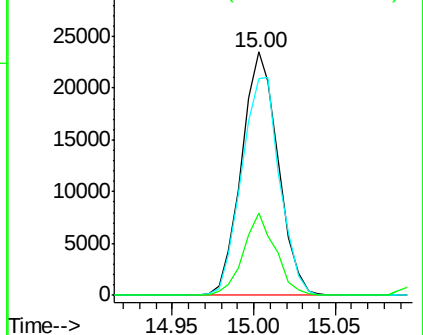
#93
 1,2,4-Trichlorobenzene
 Concen: 10.925 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 36633
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.8 143.4
 145 29.6 16.0 47.9

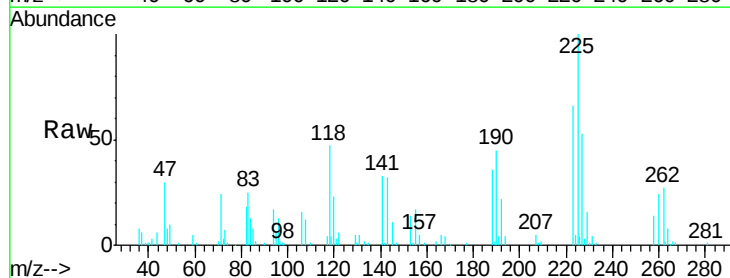


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

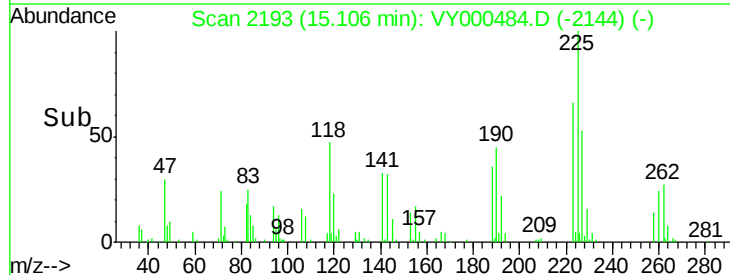
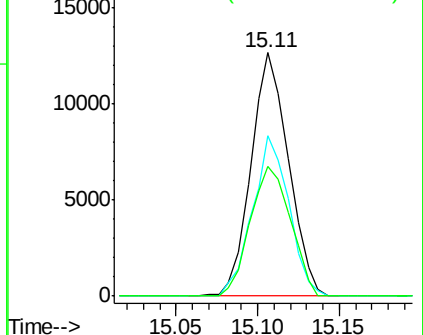


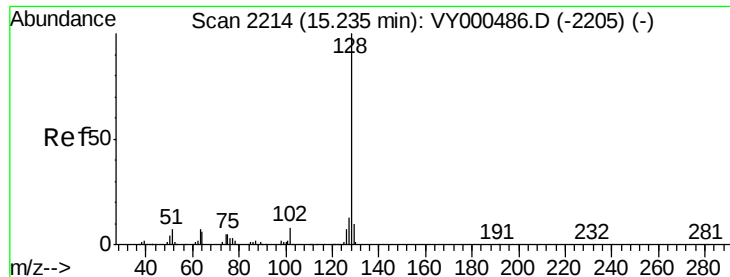
#94
 Hexachlorobutadiene
 Concen: 11.669 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000484.D
 Acq: 30 Oct 2019 11:01

Tgt Ion:225 Resp: 20168
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.8
 227 57.3 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 10.494 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

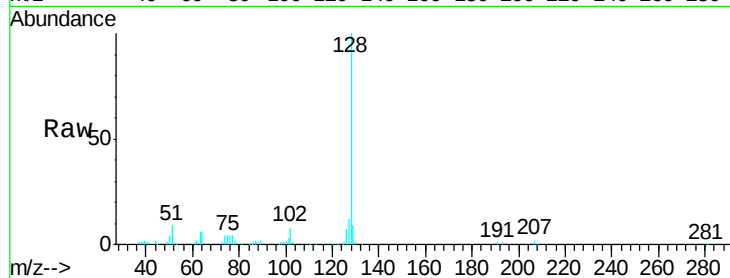
Tgt Ion:128 Resp: 78109

Ion Ratio Lower Upper

128 100

127 13.0 9.8 14.6

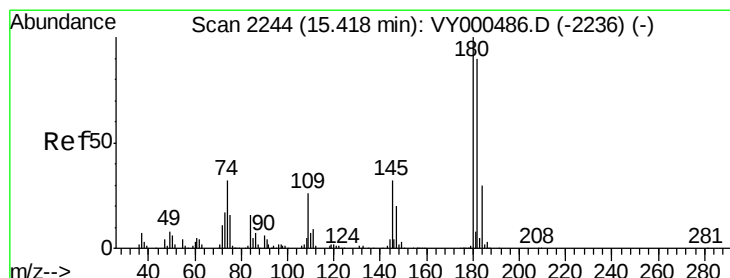
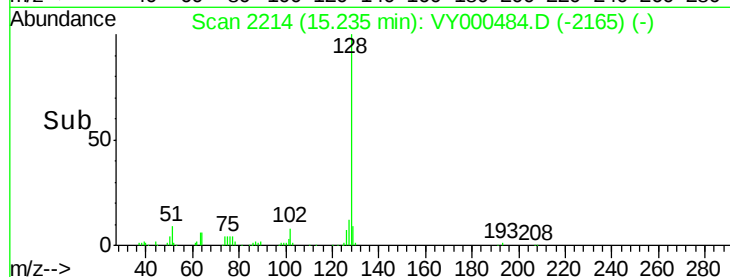
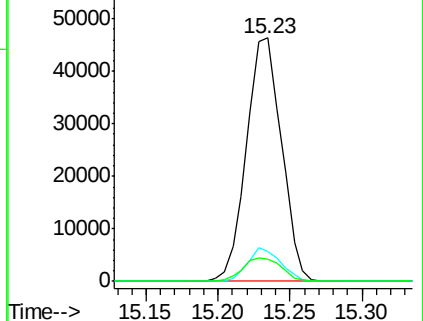
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 10.725 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000484.D

Acq: 30 Oct 2019 11:01

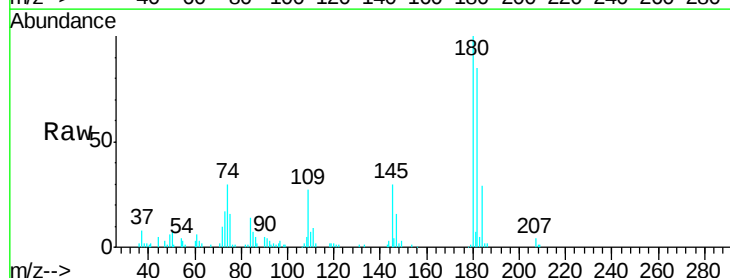
Tgt Ion:180 Resp: 32264

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 32.3 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

