

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000488.D
 Acq On : 30 Oct 2019 12:31
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 30 13:15:24 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	252140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	422271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	188870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	404593	155.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.12%	
35) Dibromofluoromethane	7.73	113	363556	146.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.30%	
50) Toluene-d8	10.18	98	1520134	161.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.20%	
62) 4-Bromofluorobenzene	12.48	95	534634	149.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	373477	150.471	ug/l	99
3) Chloromethane	2.11	50	518522	151.651	ug/l	100
4) Vinyl Chloride	2.25	62	482000	151.805	ug/l	99
5) Bromomethane	2.63	94	261060	137.111	ug/l	94
6) Chloroethane	2.78	64	301547	151.746	ug/l	98
7) Trichlorofluoromethane	3.12	101	627510	146.343	ug/l	99
8) Diethyl Ether	3.53	74	231014	151.623	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	379550	146.412	ug/l	97
10) Methyl Iodide	4.09	142	534115	174.679	ug/l	99
11) Tert butyl alcohol	4.97	59	191965	755.764	ug/l	100
12) 1,1-Dichloroethene	3.87	96	373802	148.417	ug/l	89
13) Acrolein	3.73	56	175711	794.178	ug/l	98
14) Allyl chloride	4.48	41	664484	162.252	ug/l	98
15) Acrylonitrile	5.18	53	628704	805.519	ug/l	99
16) Acetone	3.96	43	569580	792.008	ug/l	98
17) Carbon Disulfide	4.19	76	1240005	156.099	ug/l	98
18) Methyl Acetate	4.48	43	366667	163.976	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	1113748	159.046	ug/l	96
20) Methylene Chloride	4.72	84	423431	137.410	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	436048	153.142	ug/l	95
22) Diisopropyl ether	6.13	45	1501608	168.692	ug/l	97
23) Vinyl Acetate	6.07	43	4732974	842.300	ug/l	98
24) 1,1-Dichloroethane	6.03	63	750398	155.609	ug/l	100
25) 2-Butanone	7.00	43	912172	794.761	ug/l	98
26) 2,2-Dichloropropane	6.99	77	648330	147.115	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	481436	154.629	ug/l	100
28) Bromochloromethane	7.35	49	349908	179.646	ug/l	93
29) Tetrahydrofuran	7.36	42	582373	829.427	ug/l	99
30) Chloroform	7.52	83	748663	153.468	ug/l	99
31) Cyclohexane	7.79	56	738086	146.132	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	658156	151.381	ug/l	100
36) 1,1-Dichloropropene	7.93	75	599054	150.066	ug/l	98
37) Ethyl Acetate	7.08	43	366972	154.839	ug/l	98
38) Carbon Tetrachloride	7.91	117	575616	149.855	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	779591	151.163	ug/l	98
40) Benzene	8.17	78	1770508	151.280	ug/l	99
41) Methacrylonitrile	7.35	41	511521	387.024	ug/l #	57
42) 1,2-Dichloroethane	8.25	62	502242	151.305	ug/l	99
43) Isopropyl Acetate	8.28	43	708181	159.066	ug/l	99
44) Trichloroethene	8.94	130	452149	146.528	ug/l	99
45) 1,2-Dichloropropane	9.22	63	440225	152.833	ug/l	94
46) Dibromomethane	9.31	93	244490	154.337	ug/l	98
47) Bromodichloromethane	9.50	83	590312	157.046	ug/l	98
48) Methyl methacrylate	9.30	41	321605	165.329	ug/l	96
49) 1,4-Dioxane	9.31	88	69061	3239.251	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	1928876	814.876	ug/l	98
52) Toluene	10.25	92	1152322	155.734	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	653514	162.716	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	736936	160.166	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	354591	154.758	ug/l	98
56) Ethyl methacrylate	10.51	69	558630	172.019	ug/l	97
57) 1,3-Dichloropropane	10.79	76	626607	156.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1155362	786.951	ug/l	98
59) 2-Hexanone	10.83	43	1411976	818.707	ug/l	98
60) Dibromochloromethane	10.99	129	416330	158.635	ug/l	99
61) 1,2-Dibromoethane	11.09	107	346887	157.459	ug/l	99
64) Tetrachloroethene	10.72	164	436157	138.238	ug/l	98
65) Chlorobenzene	11.52	112	1179986	152.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	417101	155.459	ug/l	99
67) Ethyl Benzene	11.59	91	2188118	153.682	ug/l	99
68) m/p-Xylenes	11.70	106	1668911	302.850	ug/l	97
69) o-Xylene	12.03	106	794129	153.334	ug/l	98
70) Styrene	12.04	104	1417552	159.841	ug/l	100
71) Bromoform	12.20	173	253165	164.052	ug/l	100
73) Isopropylbenzene	12.33	105	2118701	151.781	ug/l	100
74) N-amyl acetate	12.14	43	682040	170.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	437788	158.396	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	598198	171.268	ug/l #	100
77) Bromobenzene	12.61	156	471161	148.844	ug/l	96
78) n-propylbenzene	12.67	91	2559690	151.977	ug/l	99
79) 2-Chlorotoluene	12.75	91	1412261	151.039	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	1732130	148.991	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	170267	177.519	ug/l	93
82) 4-Chlorotoluene	12.85	91	1489974	153.727	ug/l	98
83) tert-Butylbenzene	13.07	119	1483613	149.461	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1733272	149.740	ug/l	100
85) sec-Butylbenzene	13.25	105	2093776	148.050	ug/l	99
86) p-Isopropyltoluene	13.37	119	1833181	145.439	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	889417	143.450	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	900710	145.378	ug/l	99
89) n-Butylbenzene	13.69	91	1874113	150.752	ug/l	99
90) Hexachloroethane	13.95	117	353078	151.524	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	828256	147.233	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	74864	153.049	ug/l	99

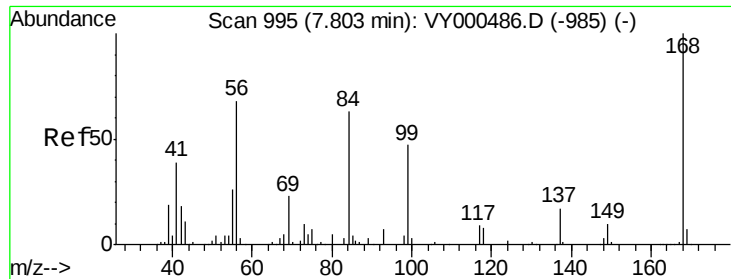
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
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Acq On : 30 Oct 2019 12:31
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Instrument :
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VSTDICC150

Quant Time: Oct 30 13:15:24 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)
93) 1,2,4-Trichlorobenzene	15.00	180	543475	141.886	ug/l	99
94) Hexachlorobutadiene	15.11	225	259647	131.501	ug/l	99
95) Naphthalene	15.23	128	1287579	151.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	497168	144.675	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

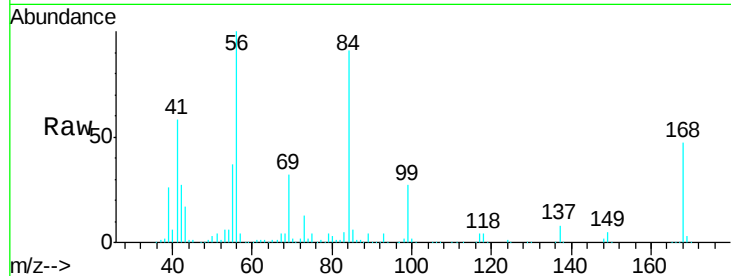
VSTDIC150

Tgt Ion:168 Resp: 252140

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) (-)

150000

100000

50000

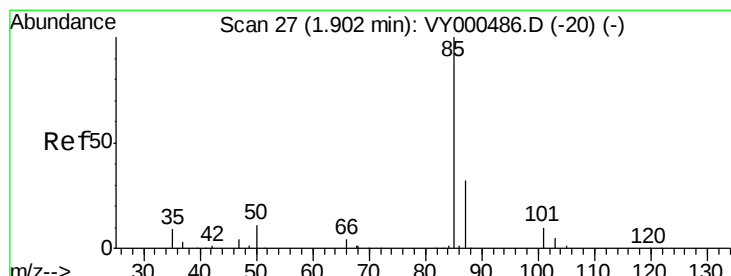
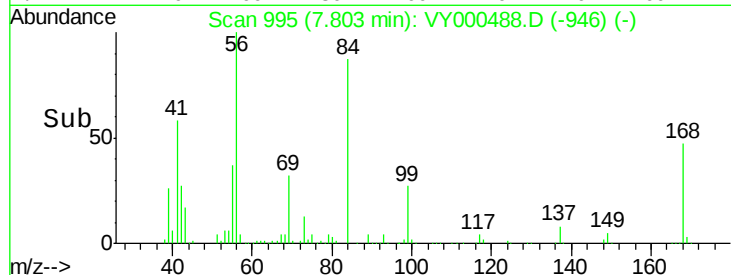
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 150.471 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000488.D

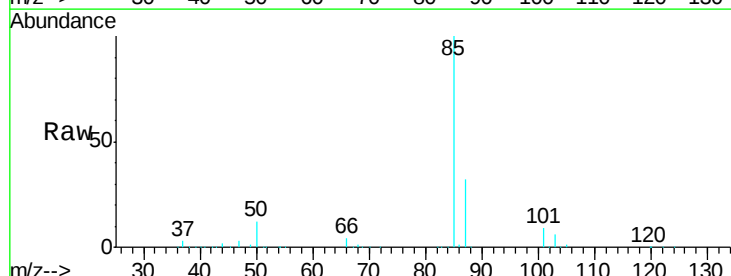
Acq: 30 Oct 2019 12:31

Tgt Ion: 85 Resp: 373477

Ion Ratio Lower Upper

85 100

87 32.4 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) (-)

250000

200000

150000

100000

50000

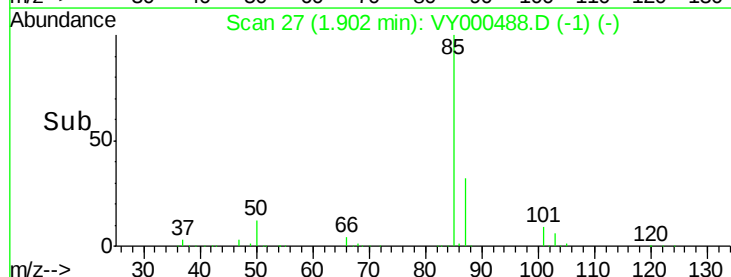
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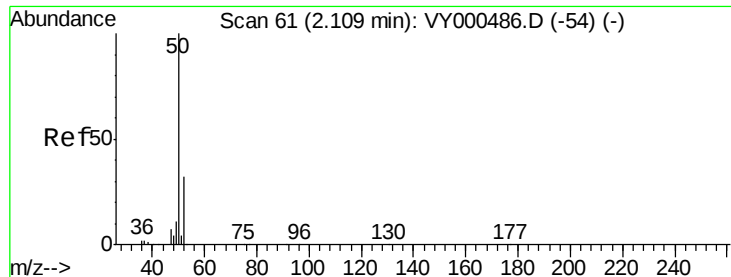
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 151.651 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

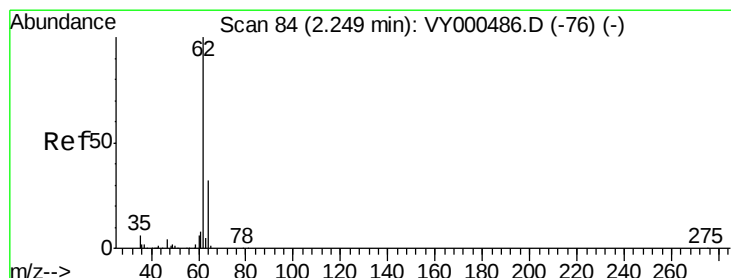
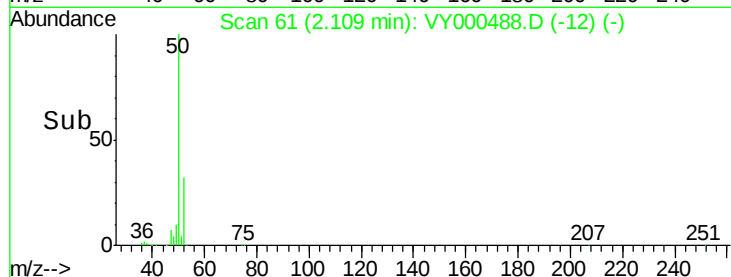
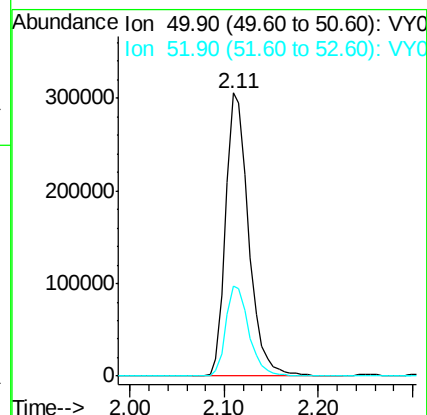
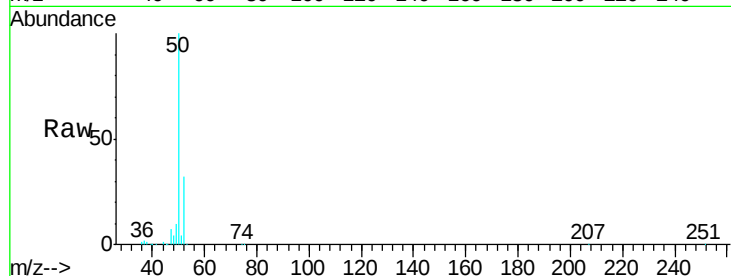
VSTDIC150

Tgt Ion: 50 Resp: 518522

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



#4

Vinyl Chloride

Concen: 151.805 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000488.D

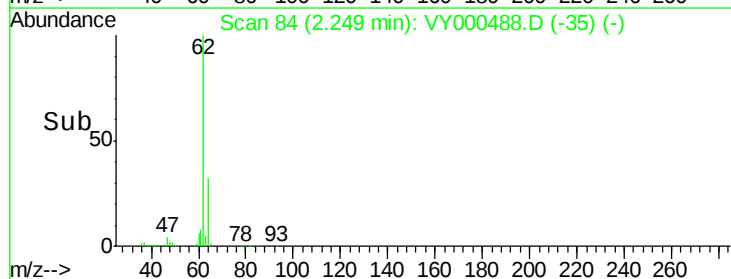
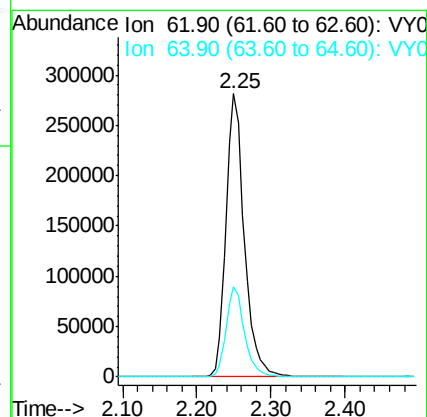
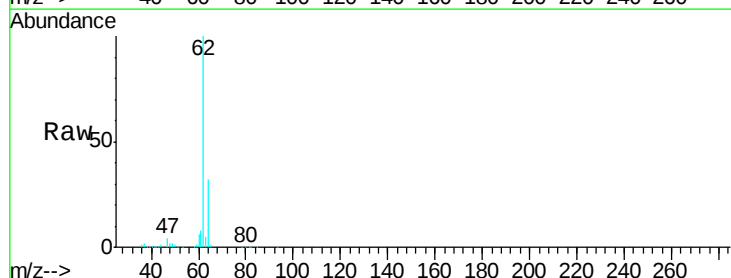
Acq: 30 Oct 2019 12:31

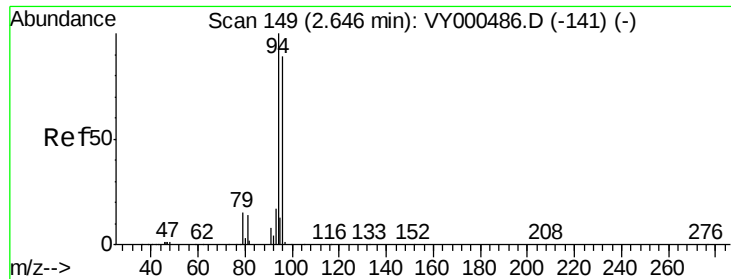
Tgt Ion: 62 Resp: 482000

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 137.111 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

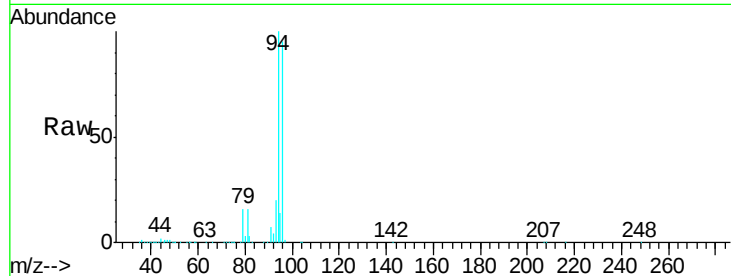
VSTDIC150

Tgt Ion: 94 Resp: 261060

Ion Ratio Lower Upper

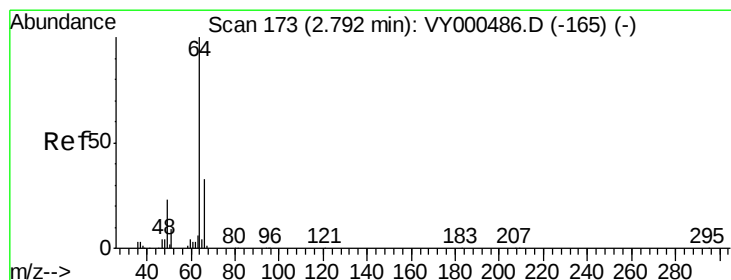
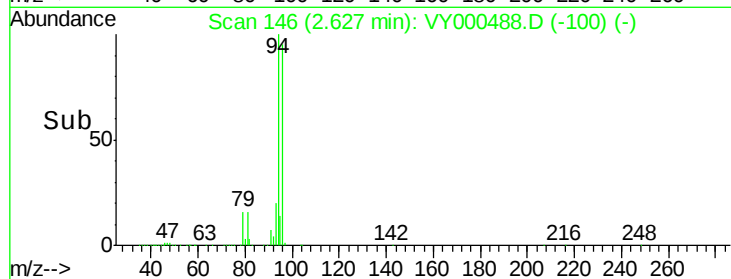
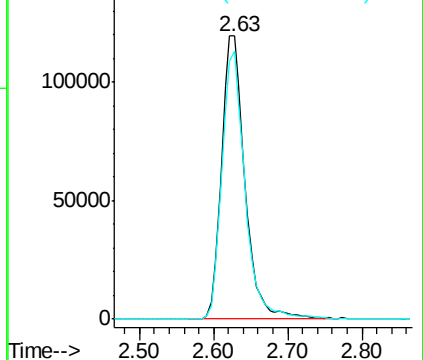
94 100

96 94.7 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: 151.746 ug/l

RT: 2.78 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000488.D

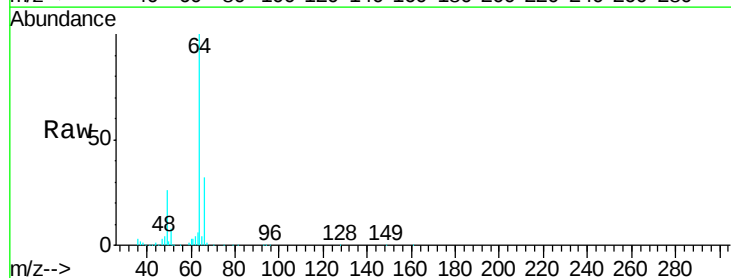
Acq: 30 Oct 2019 12:31

Tgt Ion: 64 Resp: 301547

Ion Ratio Lower Upper

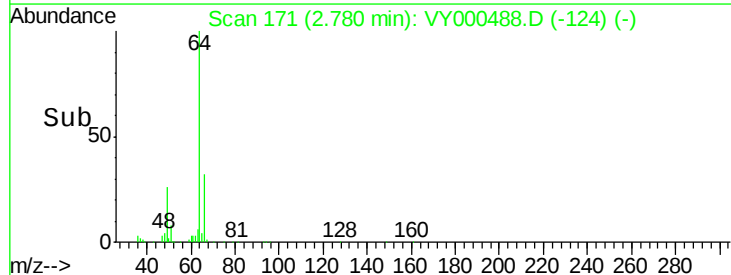
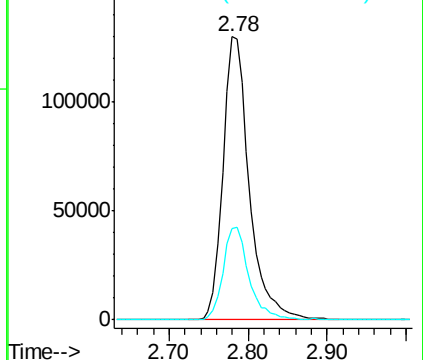
64 100

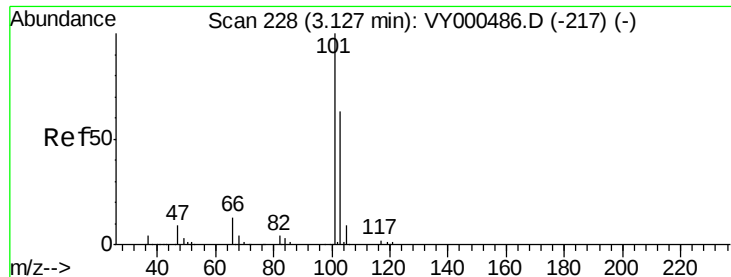
66 32.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



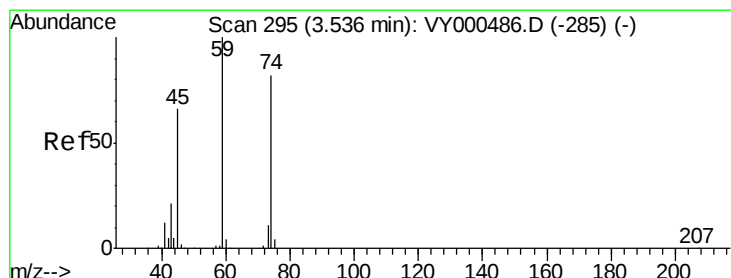
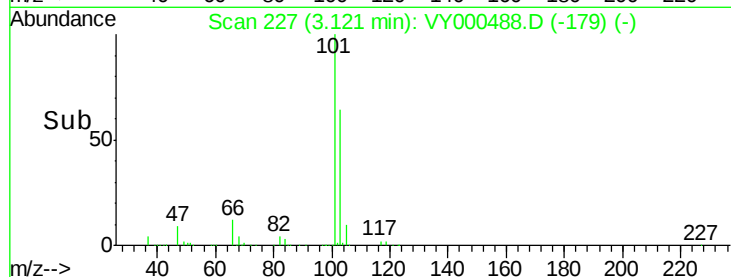
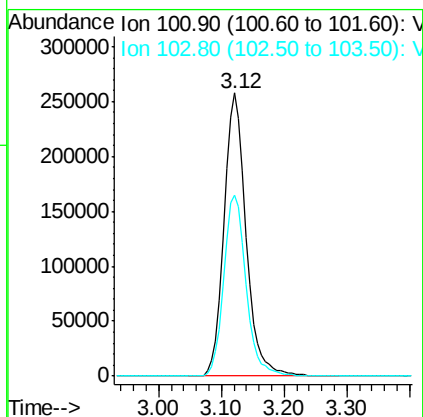
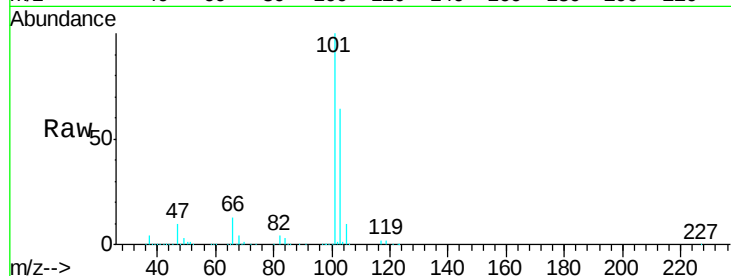


#7

Trichlorofluoromethane
 Concen: 146.343 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Instrument :
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 VSTDIC150

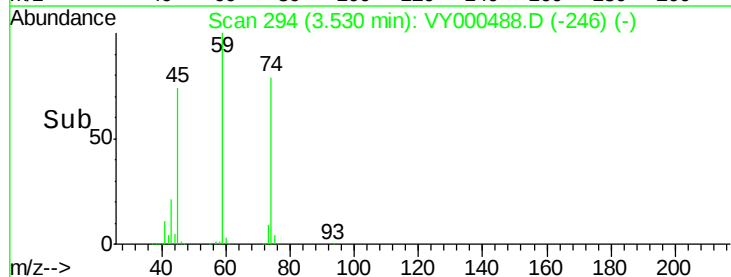
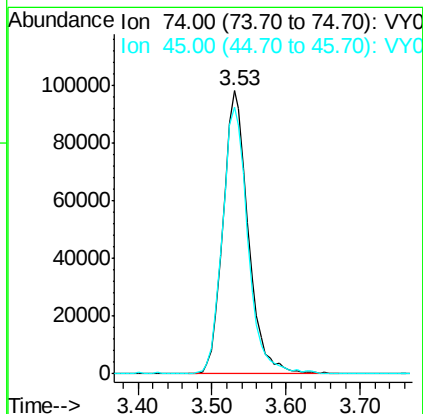
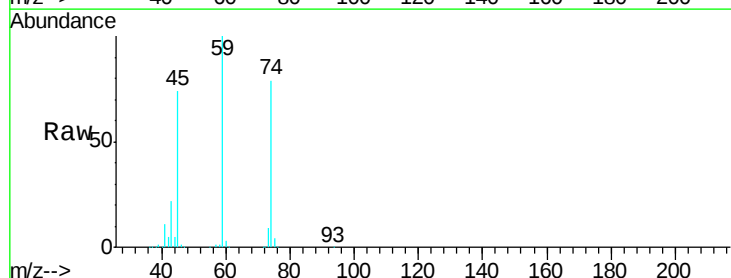
Tgt Ion:101 Resp: 627510
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.5 75.7

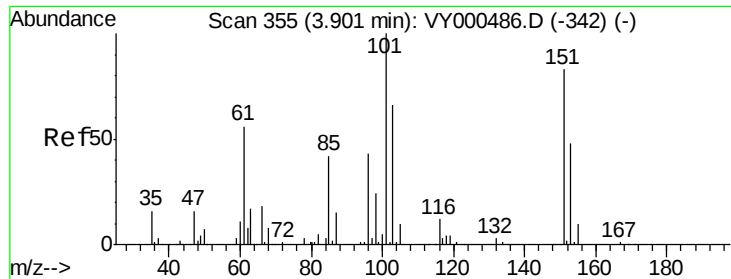


#8

Diethyl Ether
 Concen: 151.623 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 74 Resp: 231014
 Ion Ratio Lower Upper
 74 100
 45 95.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.412 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

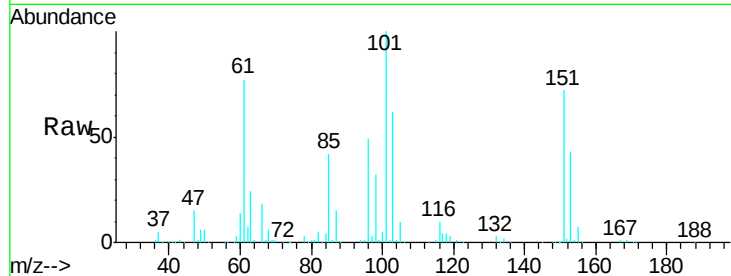
Tgt Ion:101 Resp: 379550

Ion Ratio Lower Upper

101 100

85 44.7 36.7 55.1

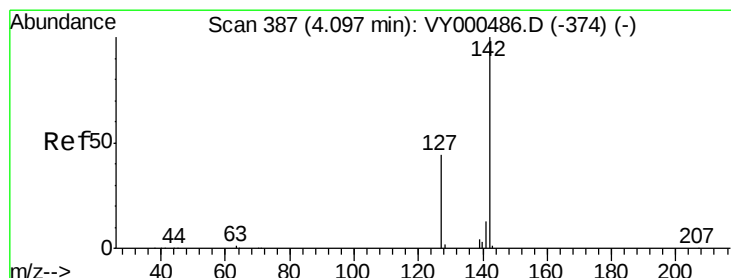
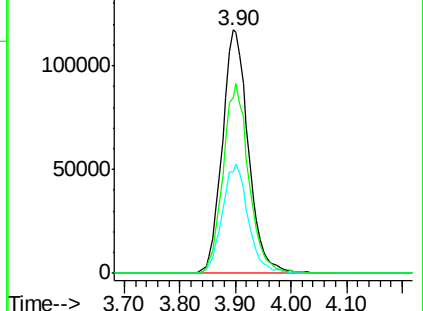
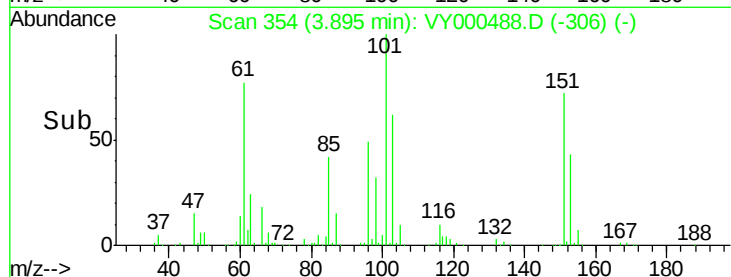
151 76.8 64.3 96.5



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: 174.679 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

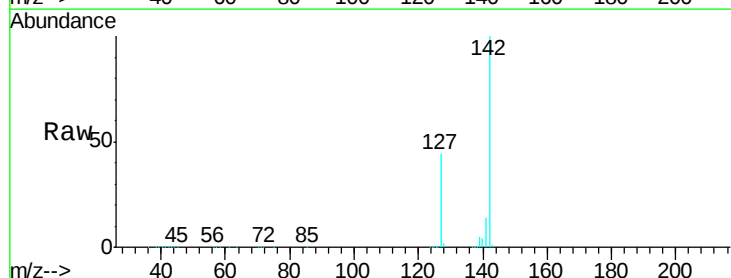
Tgt Ion:142 Resp: 534115

Ion Ratio Lower Upper

142 100

127 42.8 33.7 50.5

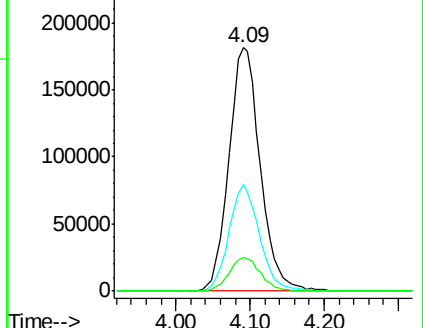
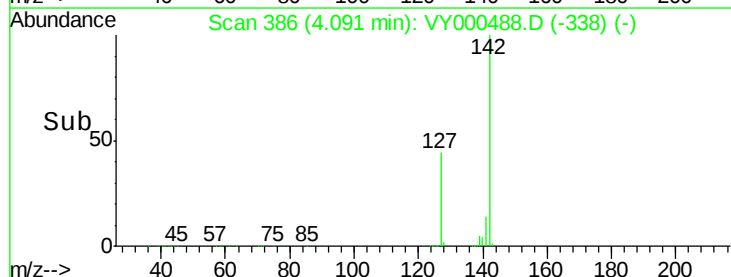
141 13.9 10.9 16.3

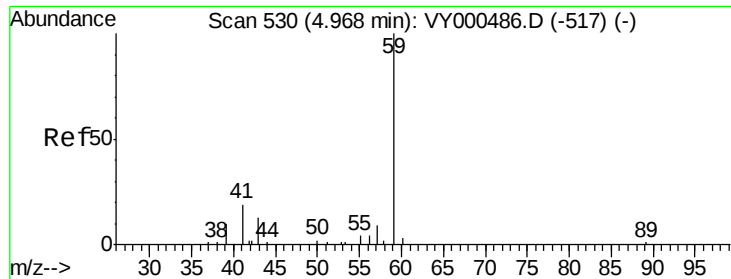


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



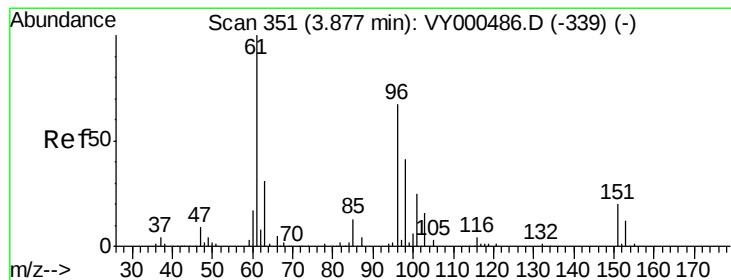
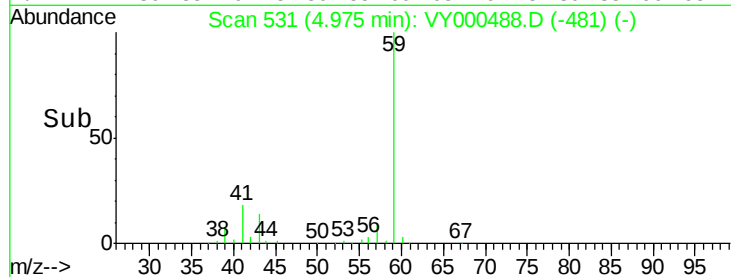
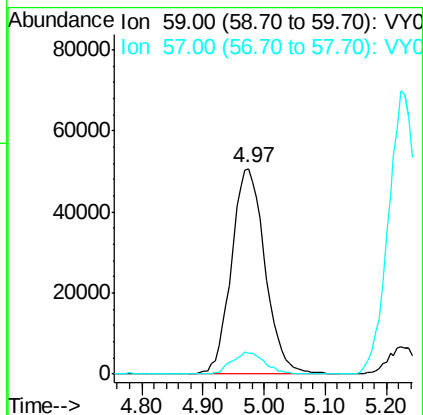
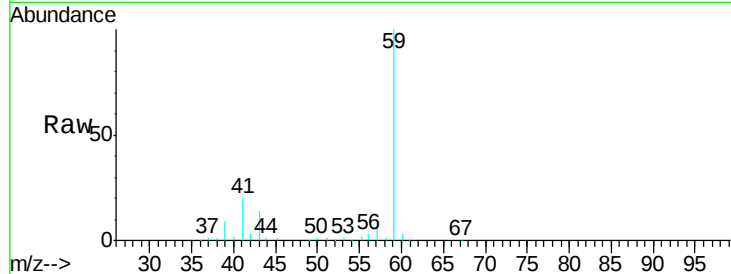


#11

Tert butyl alcohol
 Concen: 755.764 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

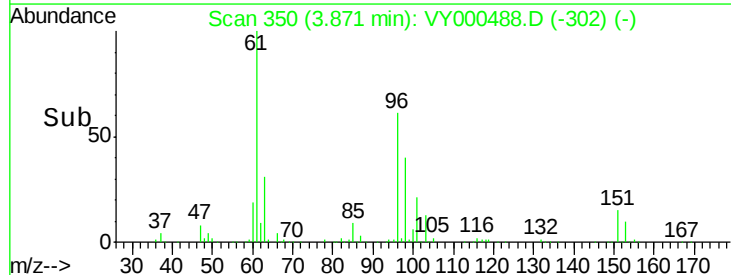
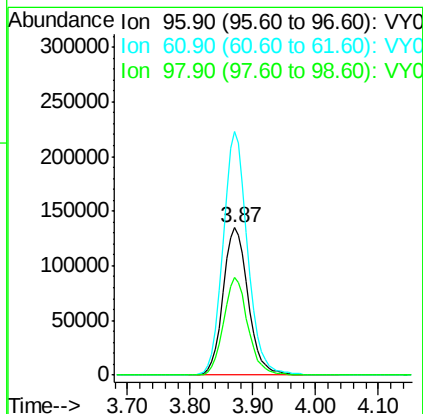
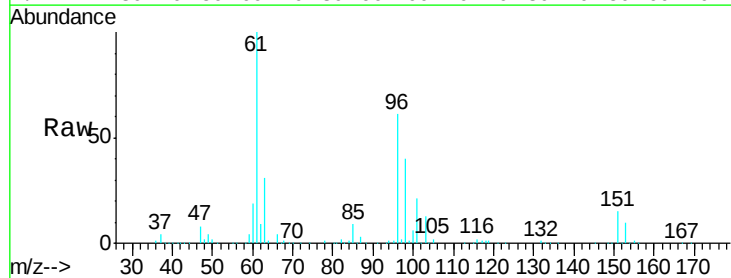
Tgt Ion: 59 Resp: 191965
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 148.417 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 96 Resp: 373802
 Ion Ratio Lower Upper
 96 100
 61 165.0 119.2 178.8
 98 65.8 48.6 73.0





#13

Acrolein

Concen: 794.178 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

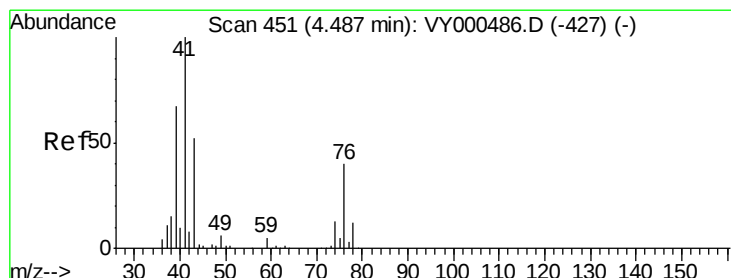
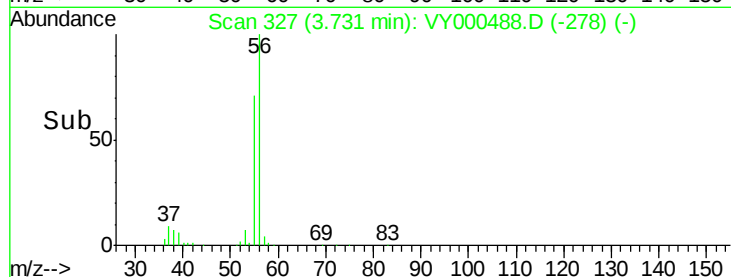
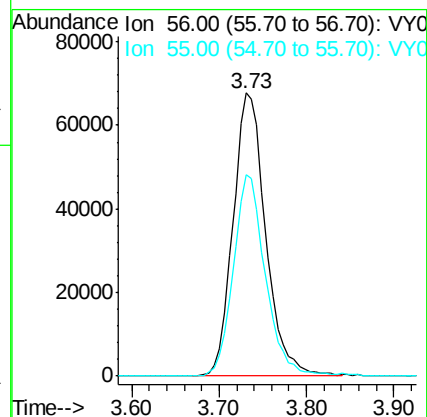
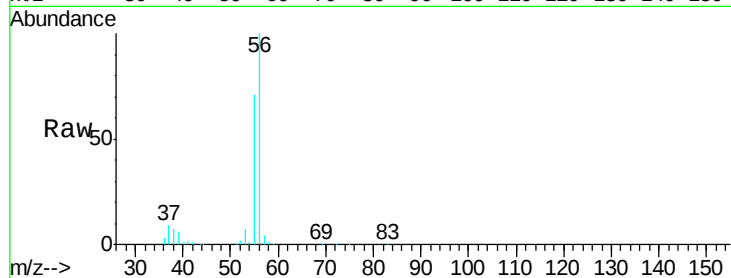
VSTDIC150

Tgt Ion: 56 Resp: 175711

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.6



#14

Allyl chloride

Concen: 162.252 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

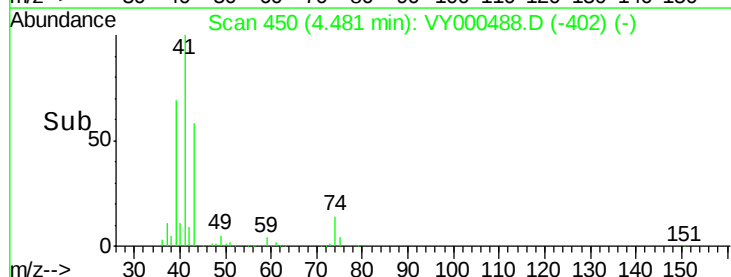
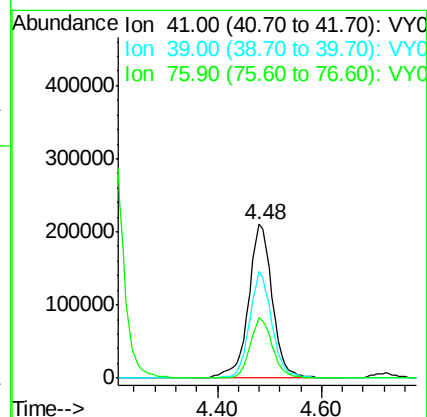
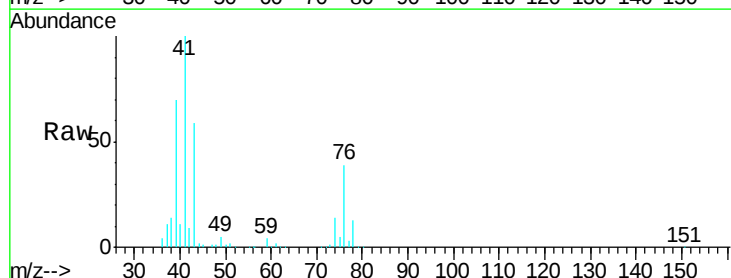
Tgt Ion: 41 Resp: 664484

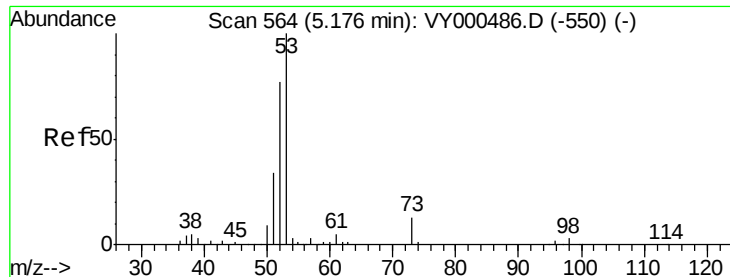
Ion Ratio Lower Upper

41 100

39 64.8 53.6 80.4

76 36.3 29.8 44.6





#15

Acrylonitrile

Concen: 805.519 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

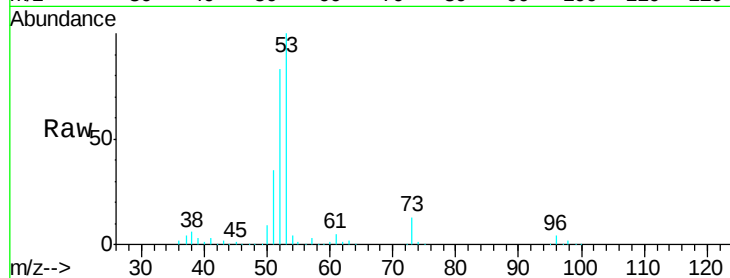
Tgt Ion: 53 Resp: 628704

Ion Ratio Lower Upper

53 100

52 80.8 64.9 97.3

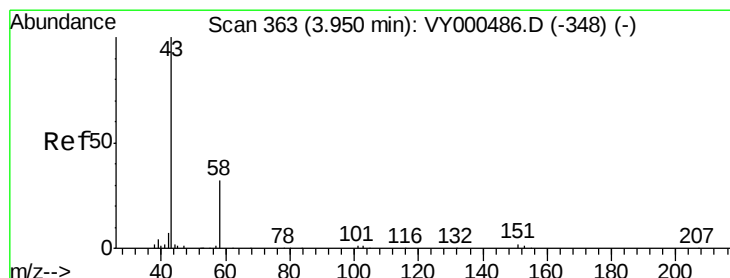
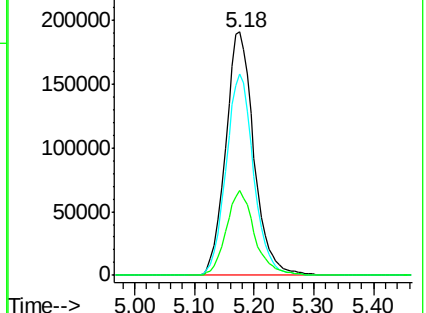
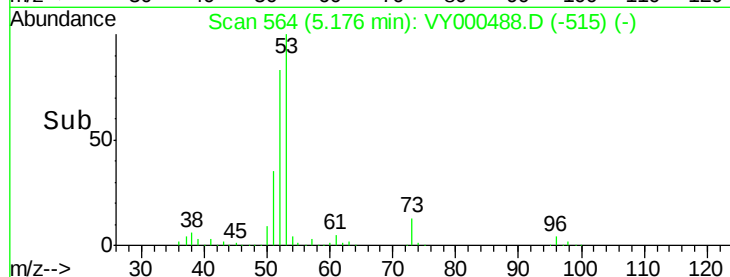
51 35.1 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000488.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000488.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000488.D (-550) (-)



#16

Acetone

Concen: 792.008 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000488.D

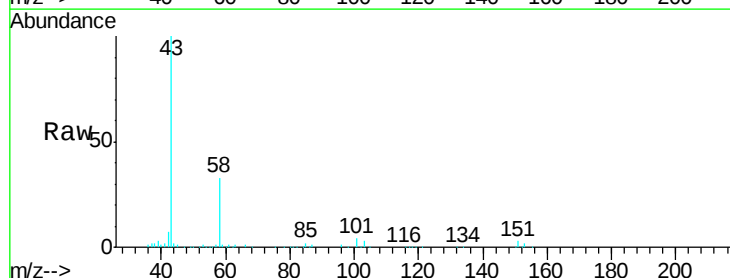
Acq: 30 Oct 2019 12:31

Tgt Ion: 43 Resp: 569580

Ion Ratio Lower Upper

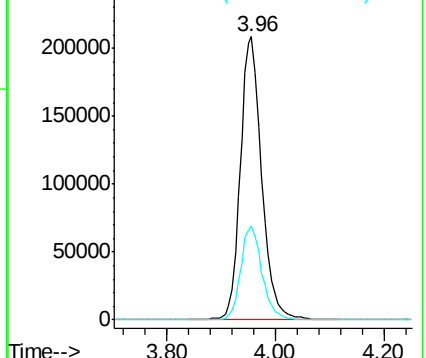
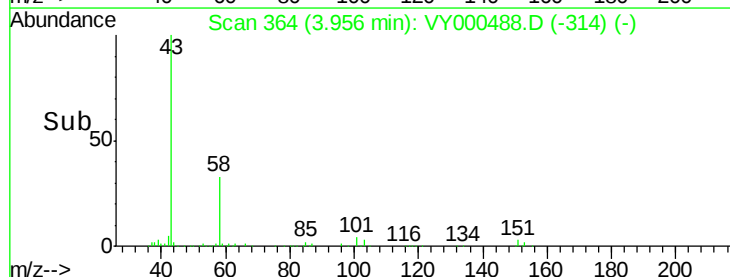
43 100

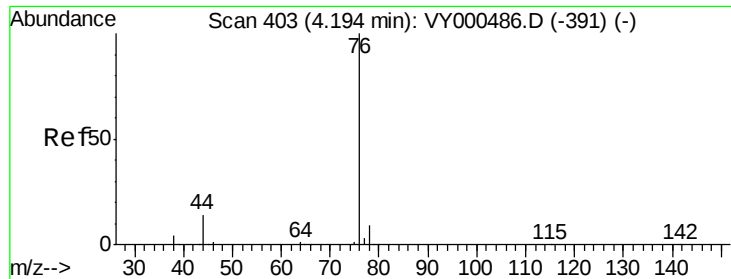
58 33.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000488.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000488.D (-348) (-)

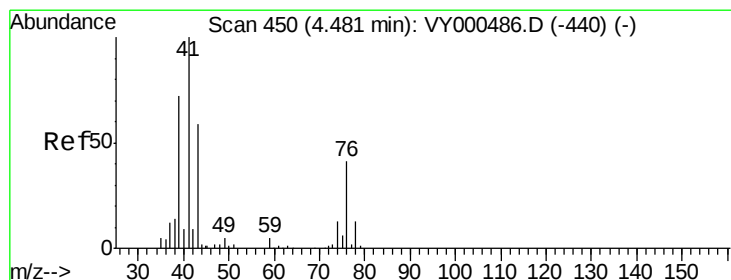
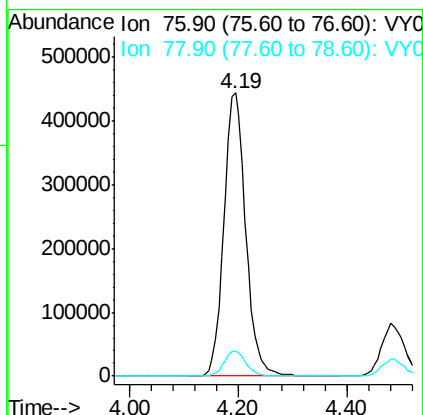
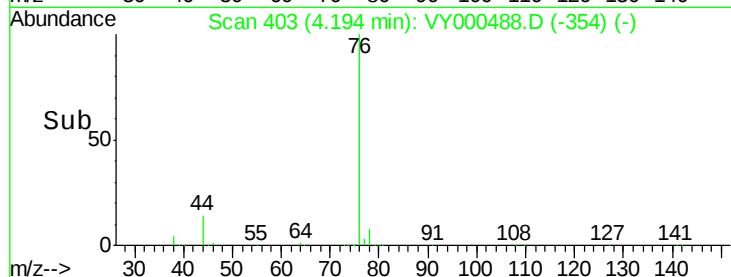
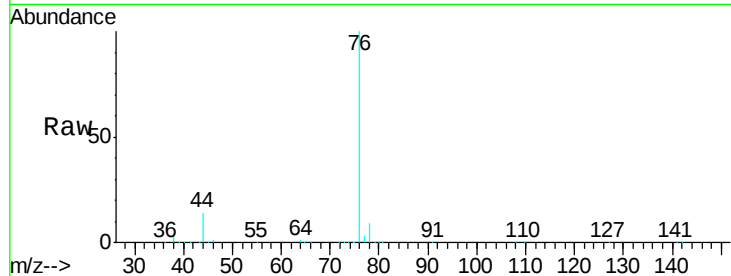




#17
Carbon Disulfide
Concen: 156.099 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

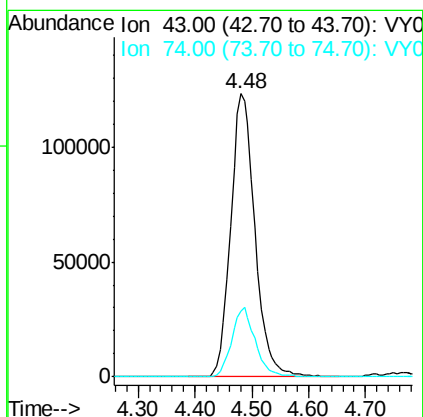
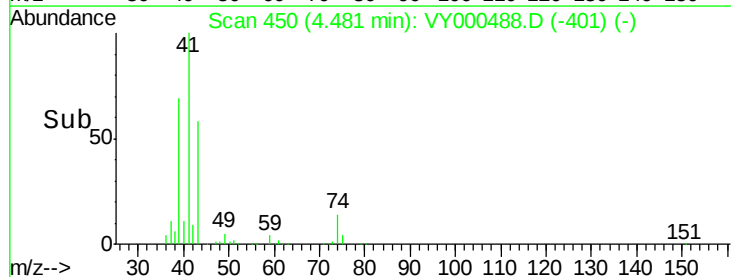
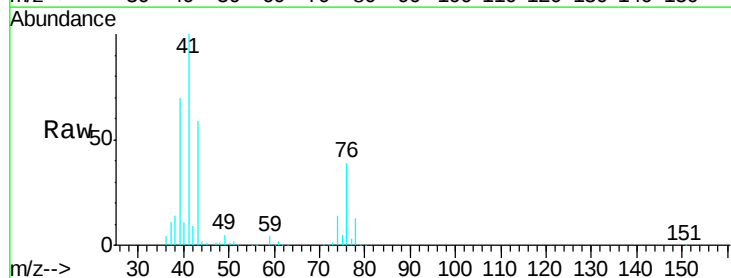
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

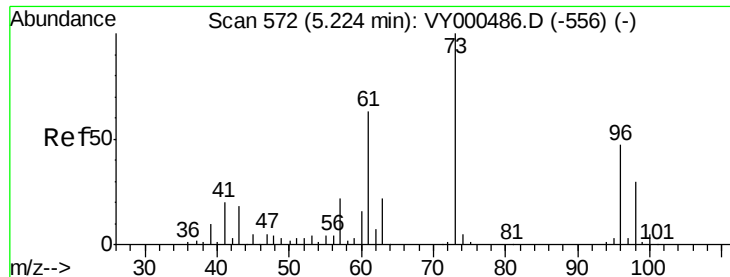
Tgt Ion: 76 Resp: 1240005
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 163.976 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 43 Resp: 366667
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

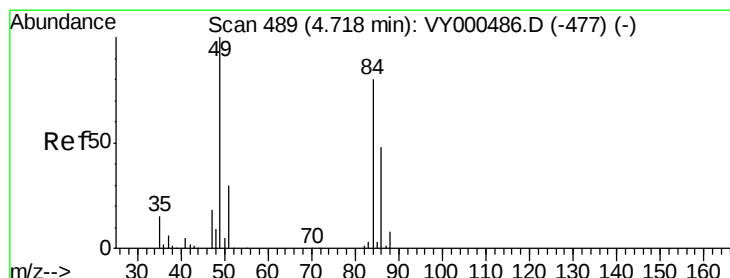
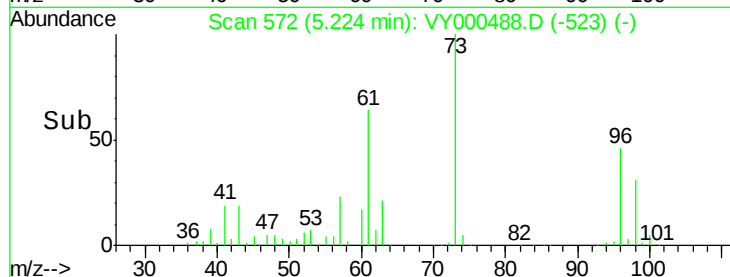
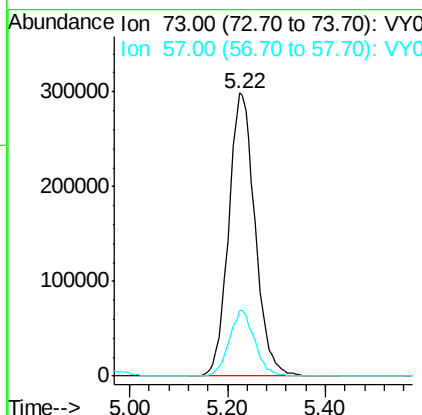
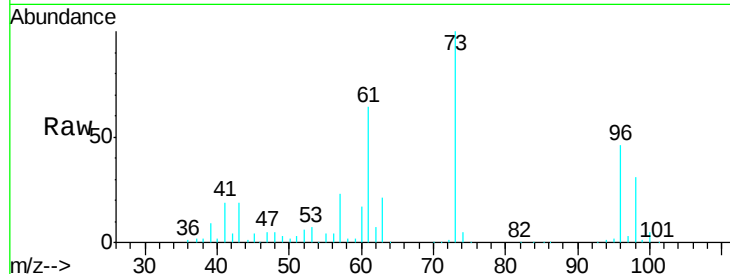




#19
Methyl tert-butyl Ether
Concen: 159.046 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

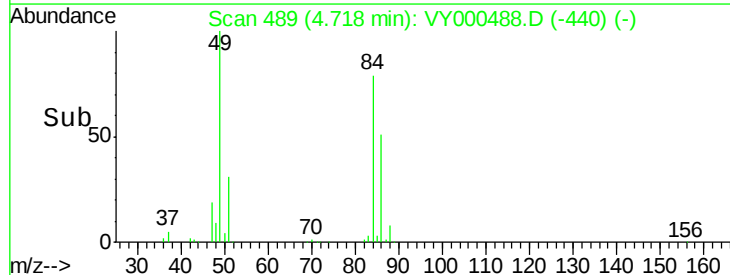
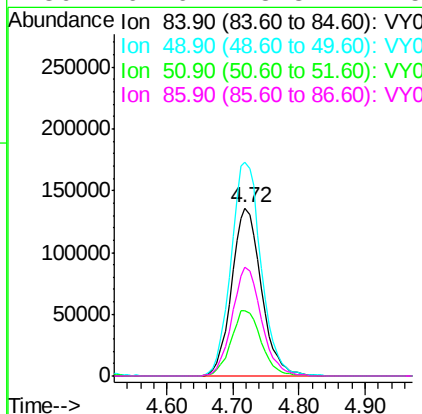
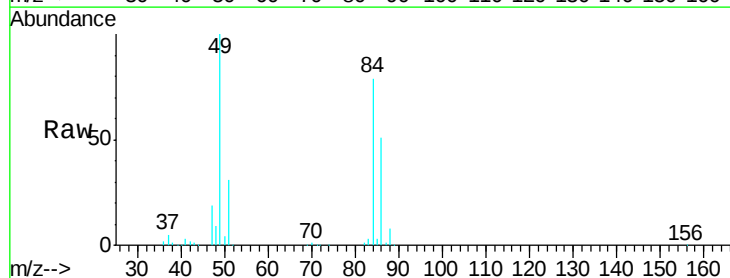
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

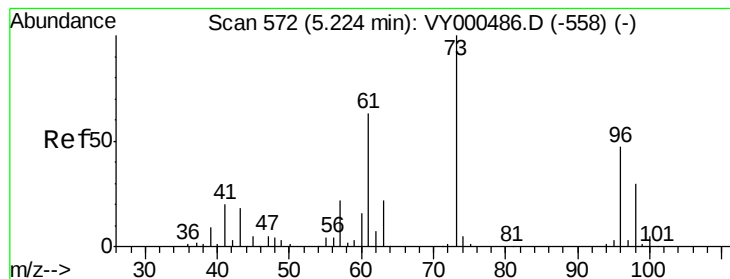
Tgt Ion: 73 Resp: 1113748
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.0



#20
Methylene Chloride
Concen: 137.410 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 84 Resp: 423431
Ion Ratio Lower Upper
84 100
49 127.2 100.2 150.4
51 38.8 29.6 44.4
86 64.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 153.142 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

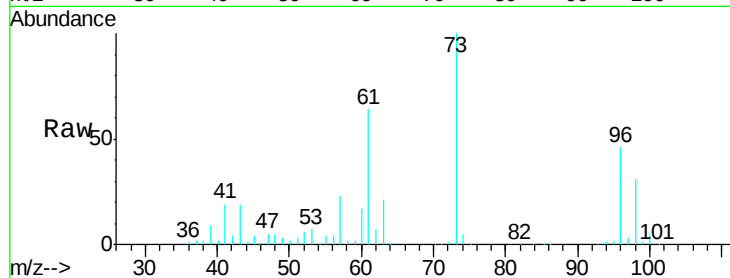
Tgt Ion: 96 Resp: 436048

Ion Ratio Lower Upper

96 100

61 139.8 106.6 160.0

98 67.1 50.6 76.0

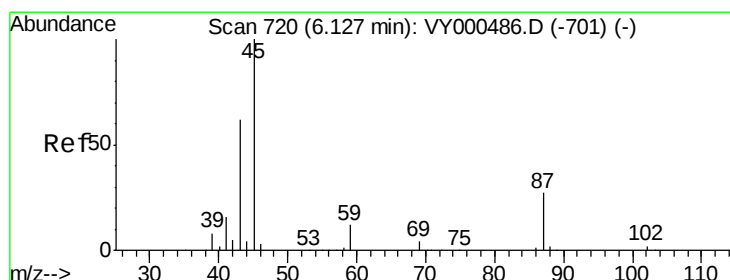
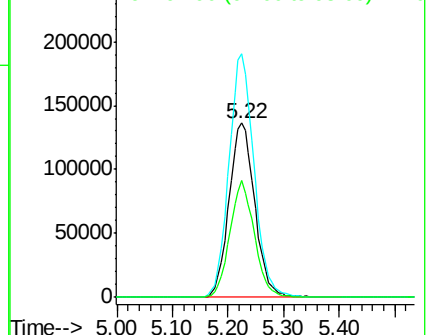
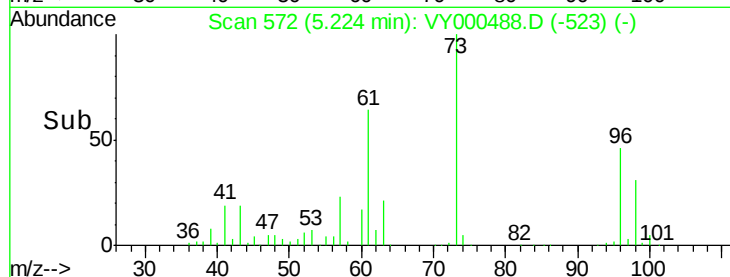


Abundance

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: 168.692 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Tgt Ion: 45 Resp: 1501608

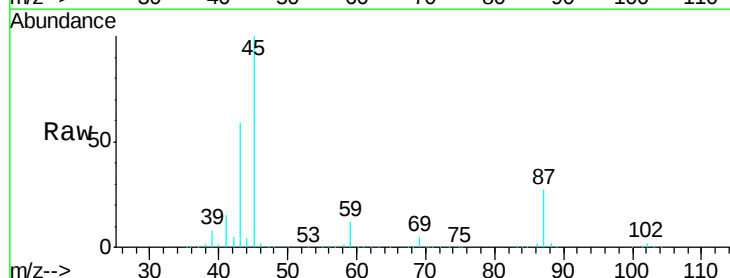
Ion Ratio Lower Upper

45 100

43 58.4 50.0 75.0

87 26.9 21.6 32.4

59 11.5 9.5 14.3



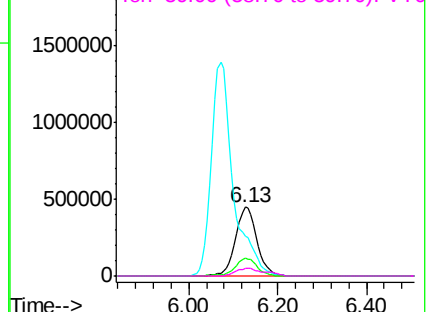
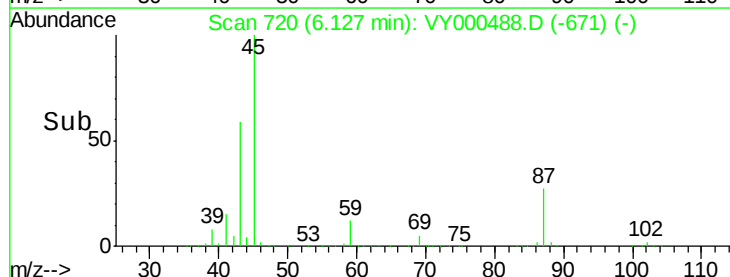
Abundance

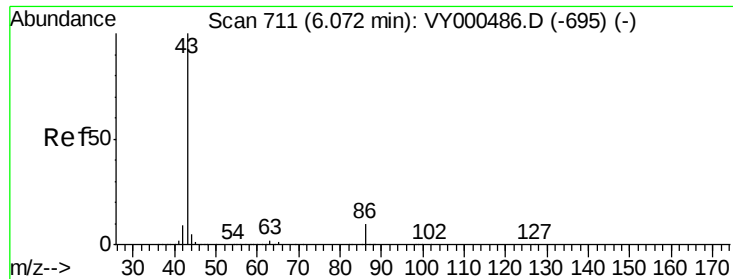
Ion 45.00 (44.70 to 45.70): VY0

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: 842.300 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

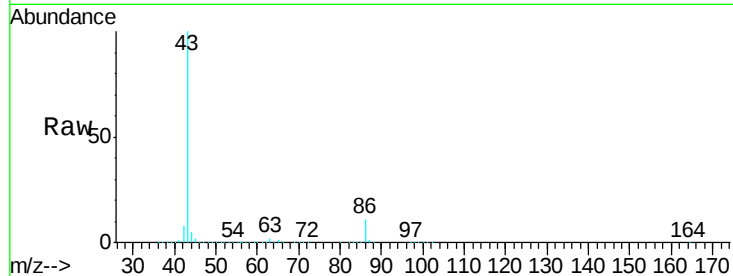
VSTDIC150

Tgt Ion: 43 Resp: 4732974

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

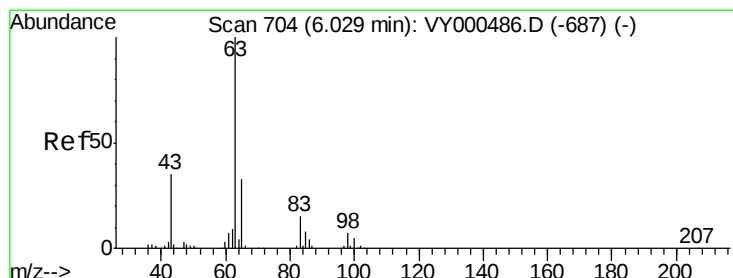
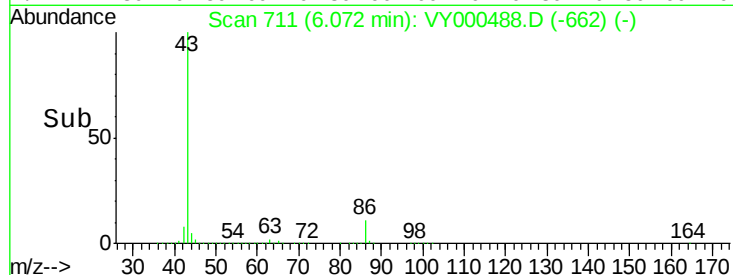
1500000

1000000

500000

0

Time--> 5.80 6.00 6.20 6.40



#24

1,1-Dichloroethane

Concen: 155.609 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

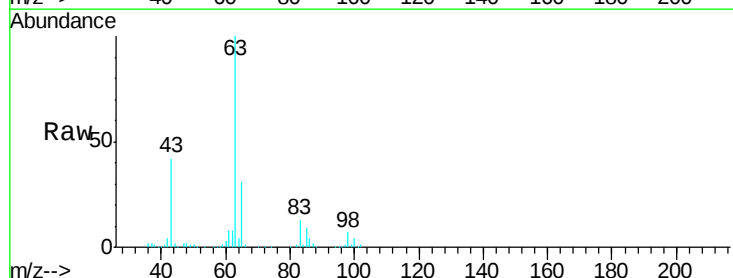
Tgt Ion: 63 Resp: 750398

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.5 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

6.03

300000

250000

200000

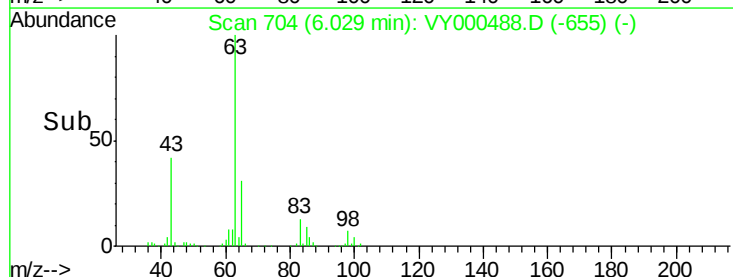
150000

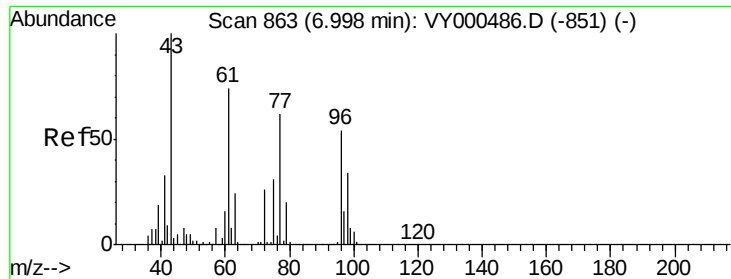
100000

50000

0

Time--> 5.80 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 794.761 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

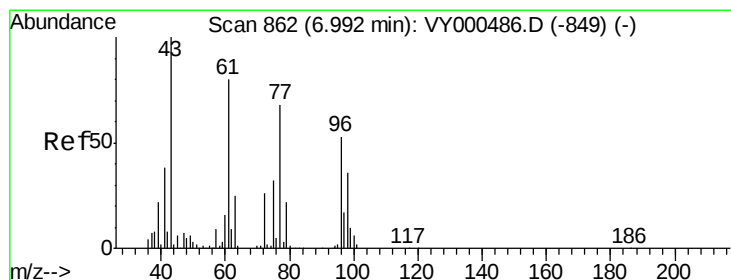
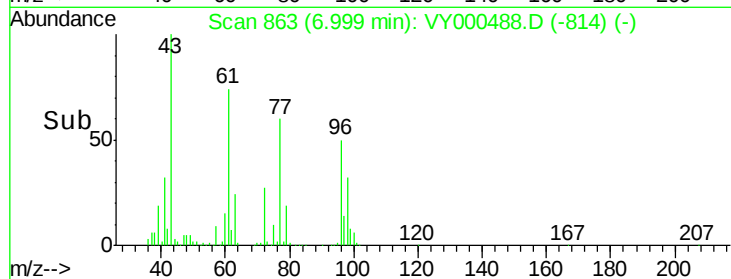
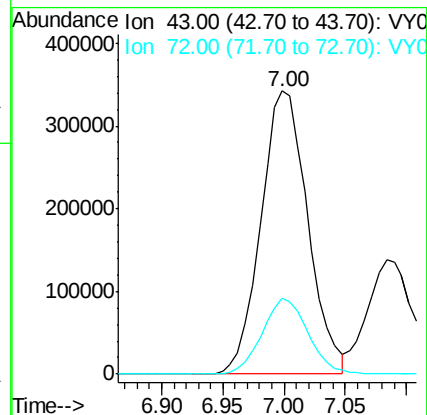
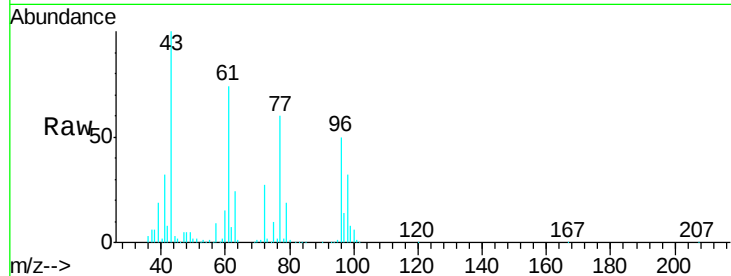
VSTDIC150

Tgt Ion: 43 Resp: 912172

Ion Ratio Lower Upper

43 100

72 27.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 147.115 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000488.D

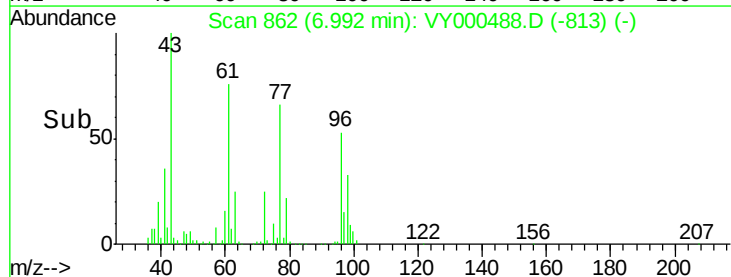
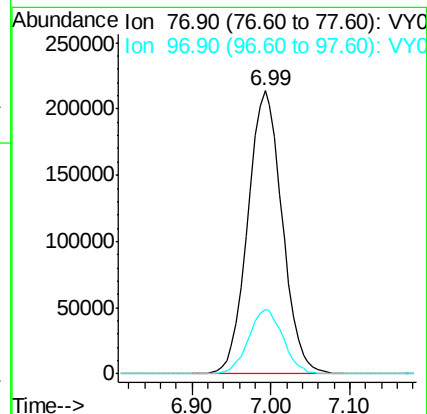
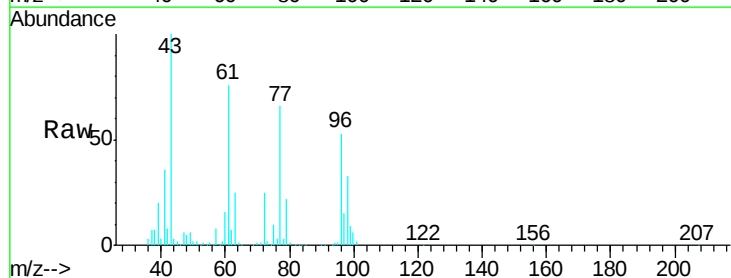
Acq: 30 Oct 2019 12:31

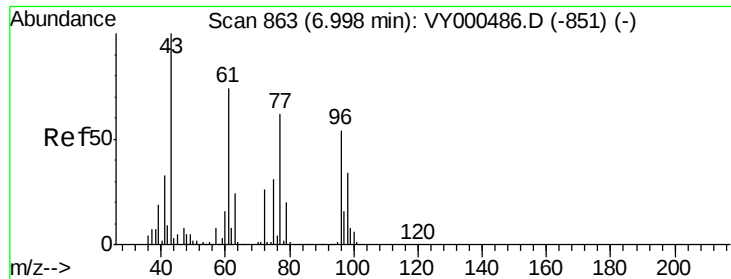
Tgt Ion: 77 Resp: 648330

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.4

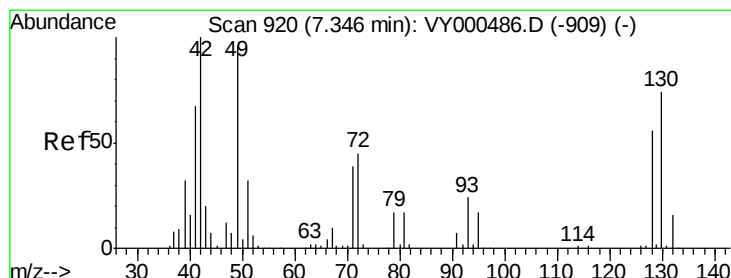
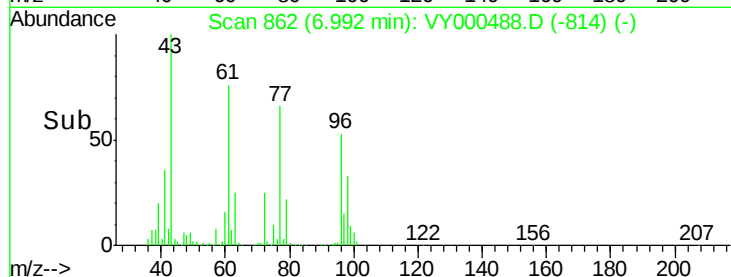
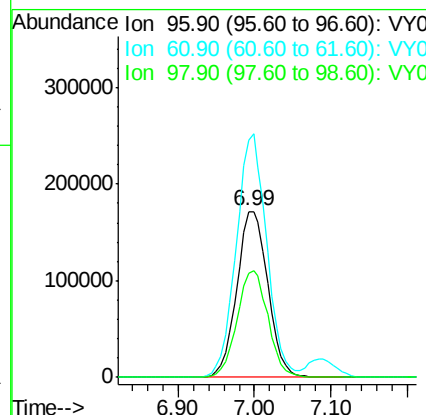
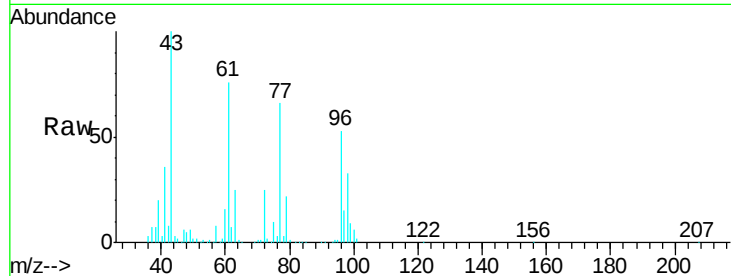




#27
 cis-1,2-Dichloroethene
 Concen: 154.629 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

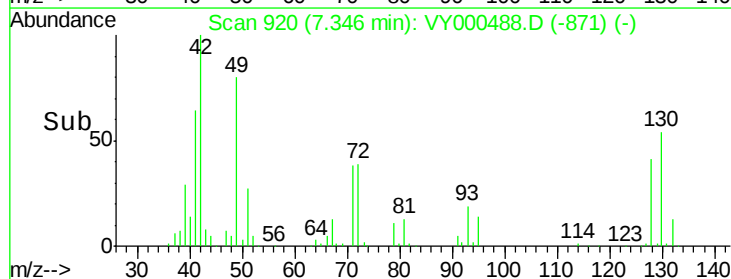
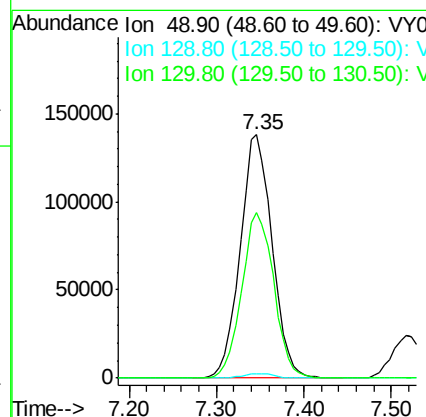
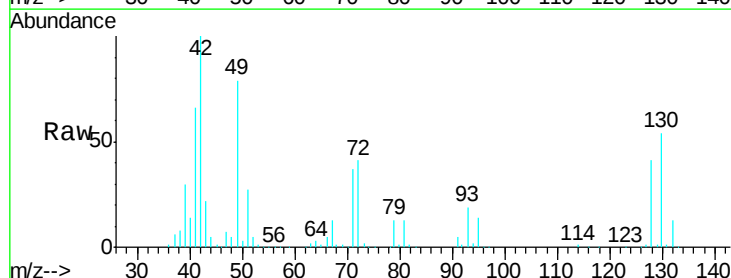
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

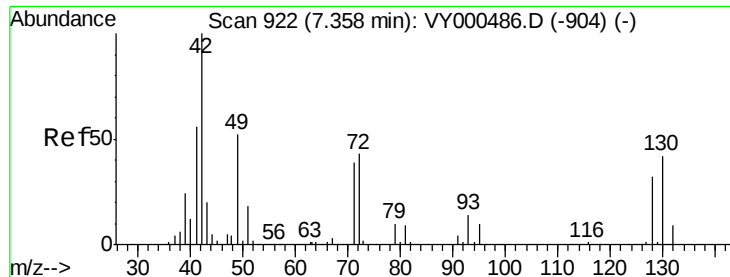
Tgt Ion: 96 Resp: 481436
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 287.0
 98 64.2 0.0 129.4



#28
 Bromochloromethane
 Concen: 179.646 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 49 Resp: 349908
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 68.3 59.4 89.0

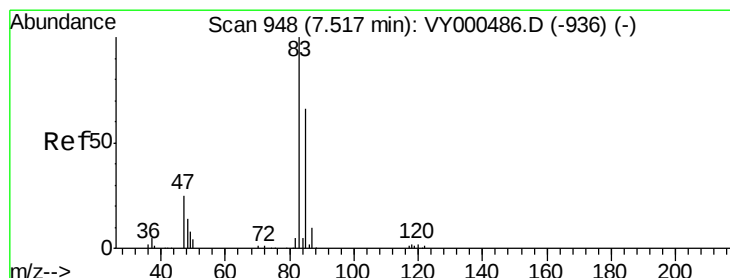
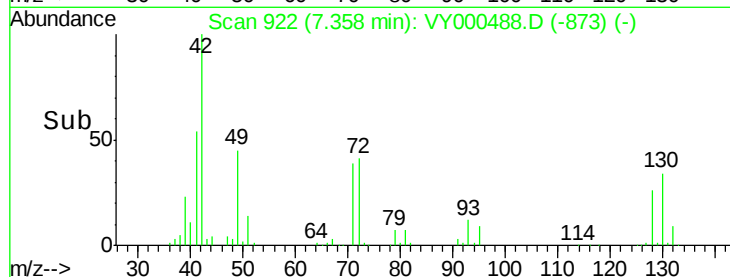
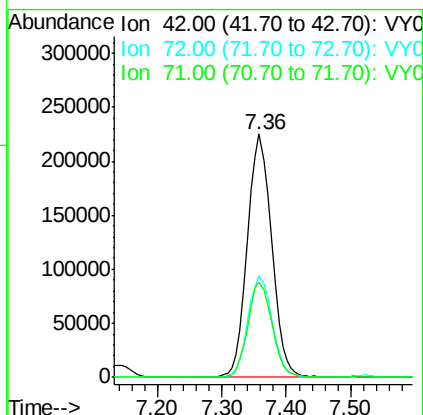
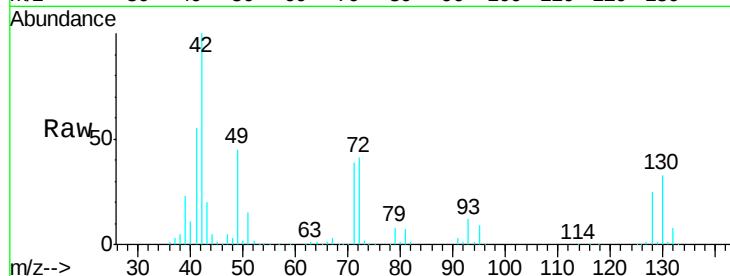




#29
Tetrahydrofuran
Concen: 829.427 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

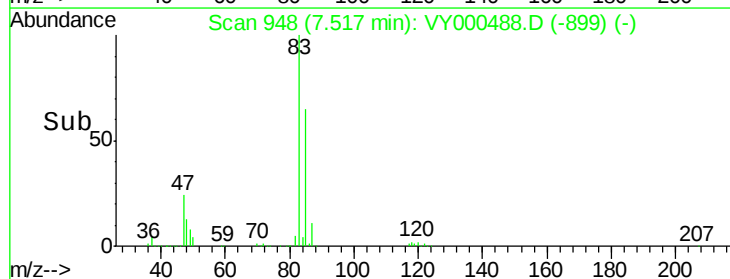
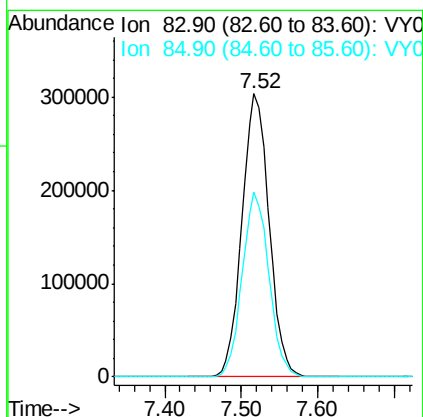
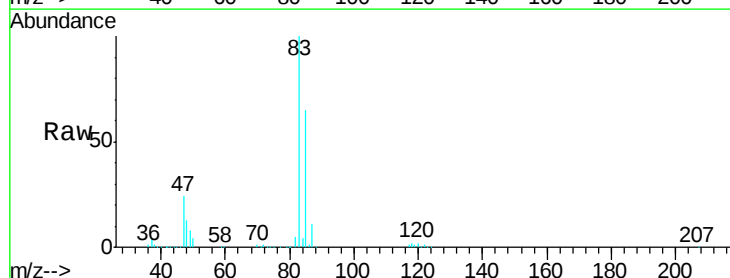
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

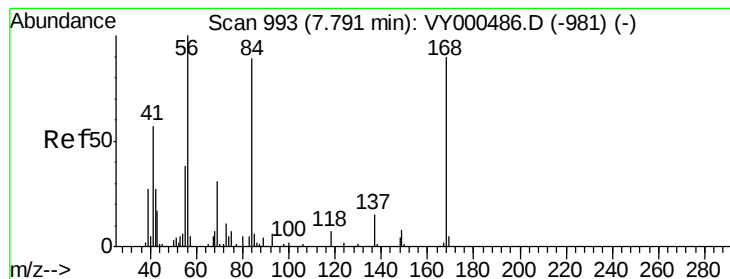
Tgt Ion: 42 Resp: 582373
Ion Ratio Lower Upper
42 100
72 41.3 34.0 51.0
71 38.7 30.8 46.2



#30
Chloroform
Concen: 153.468 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 83 Resp: 748663
Ion Ratio Lower Upper
83 100
85 65.2 53.0 79.4





#31

Cyclohexane

Concen: 146.132 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

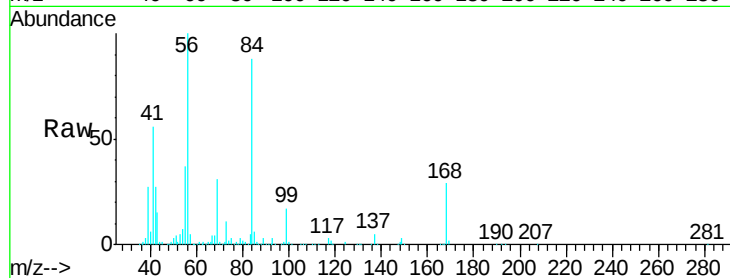
Tgt Ion: 56 Resp: 738086

Ion Ratio Lower Upper

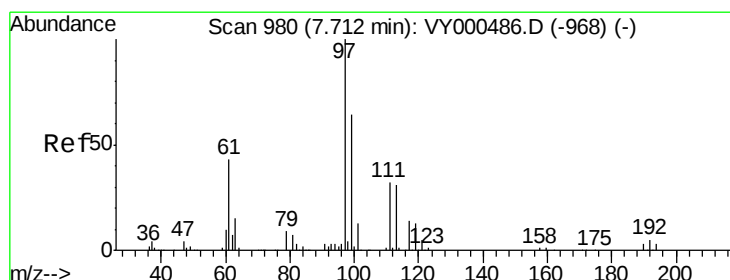
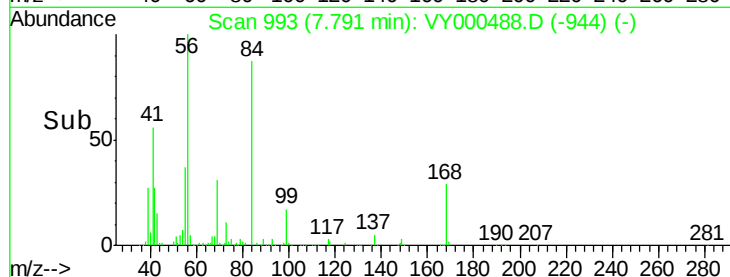
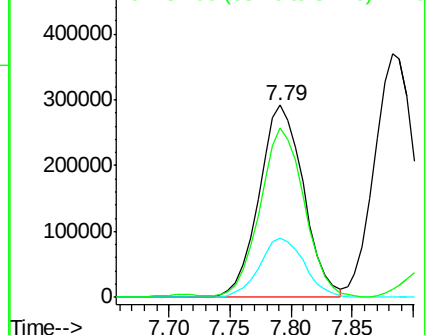
56 100

69 30.9 25.0 37.6

84 86.6 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: 151.381 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

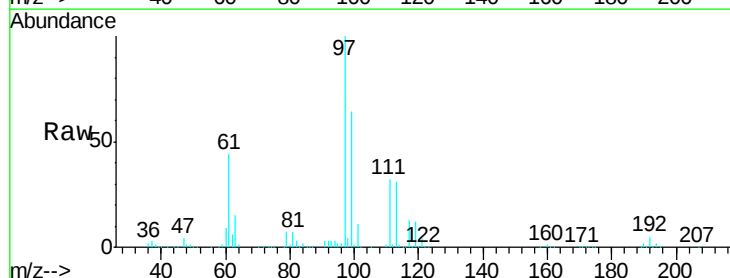
Tgt Ion: 97 Resp: 658156

Ion Ratio Lower Upper

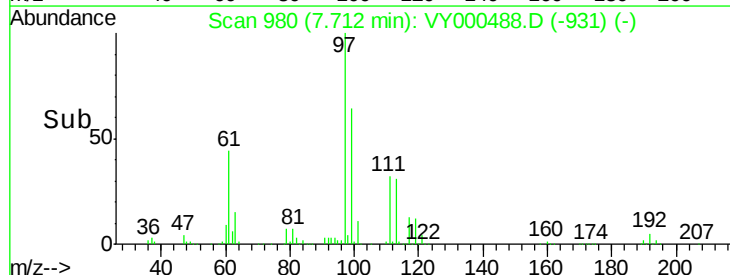
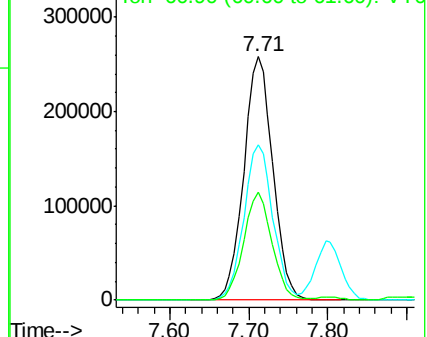
97 100

99 63.9 50.9 76.3

61 43.5 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

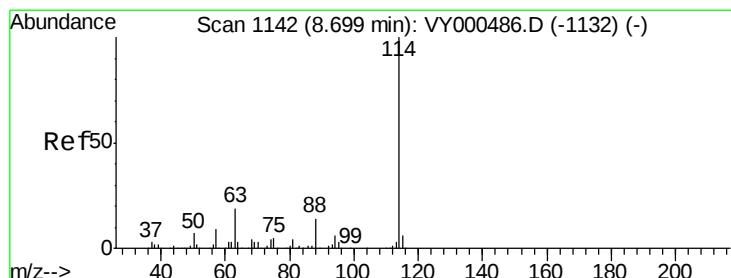
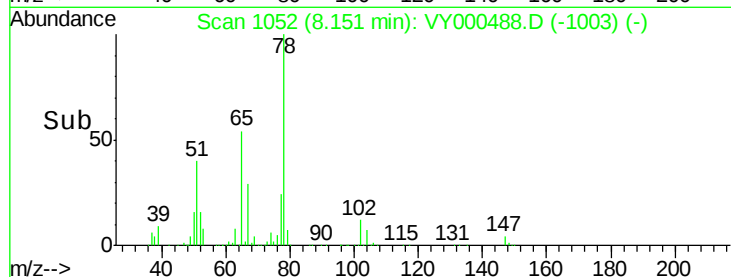
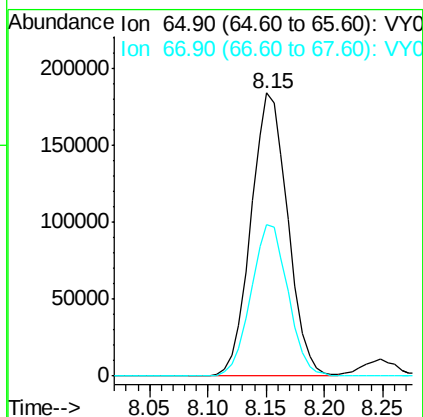
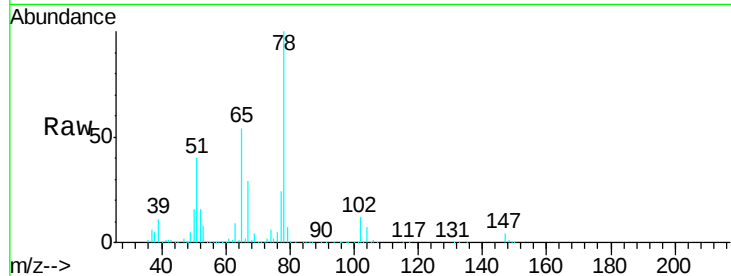




#33
 1,2-Dichloroethane-d4
 Concen: 155.057 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

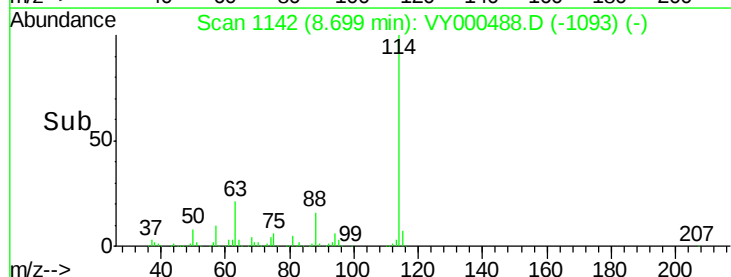
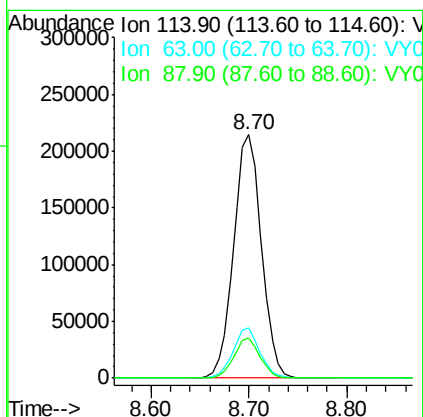
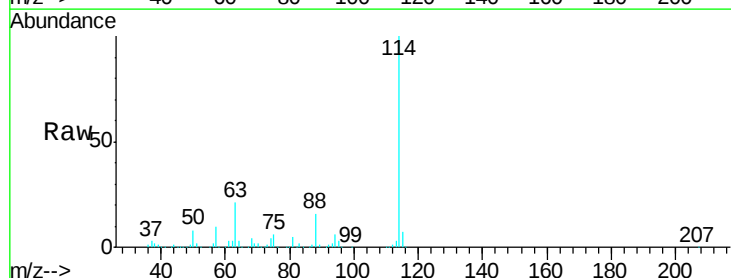
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

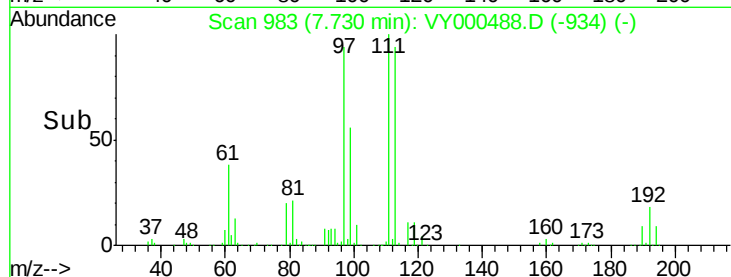
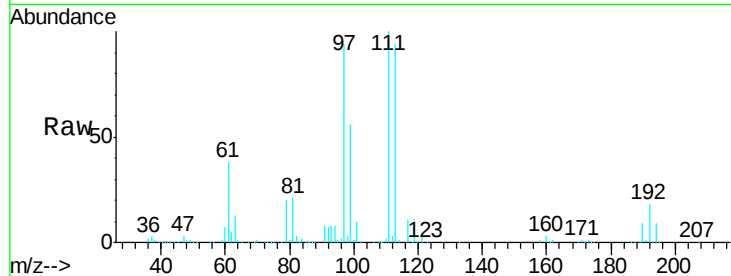
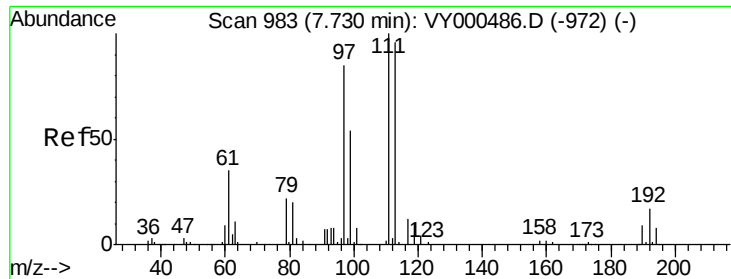
Tgt Ion: 65 Resp: 404593
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 114 Resp: 422271
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.0
 88 16.2 0.0 28.6

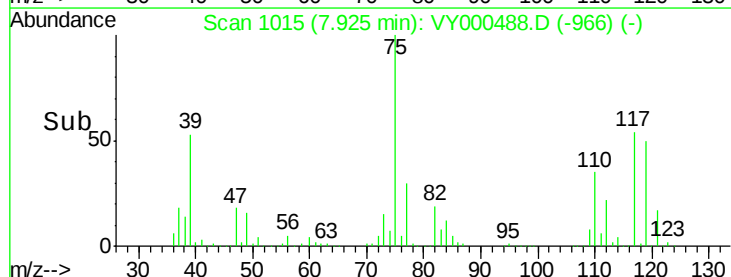
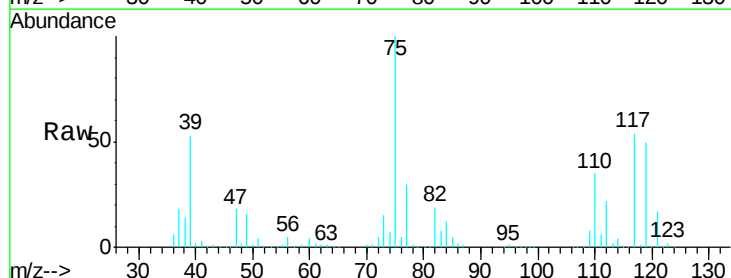
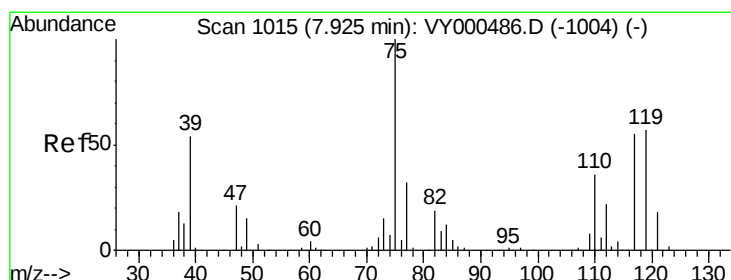
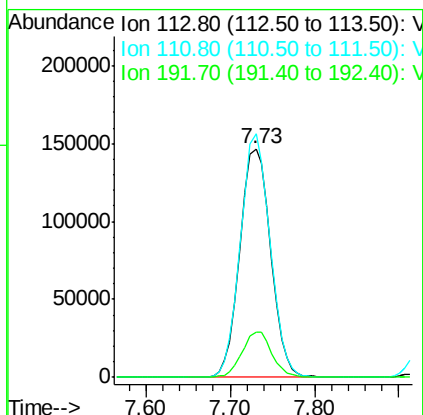




#35
Dibromofluoromethane
Concen: 146.654 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

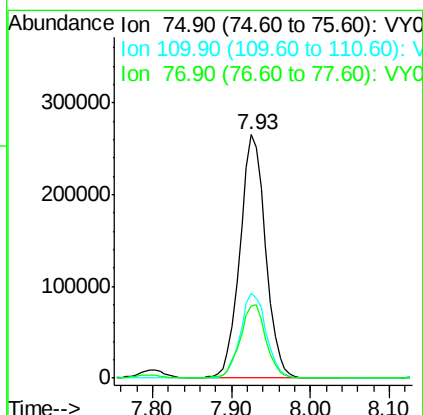
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

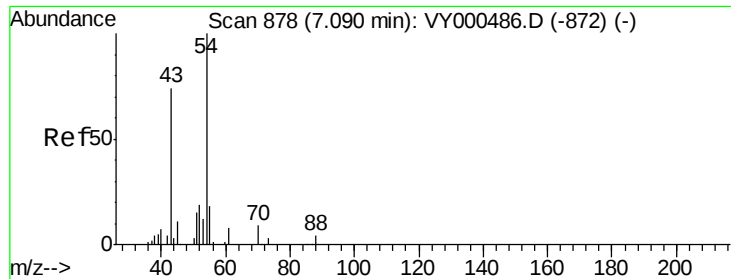
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	19.2	15.0	22.4



#36
1,1-Dichloropropene
Concen: 150.066 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.1
77	30.6	25.0	37.6

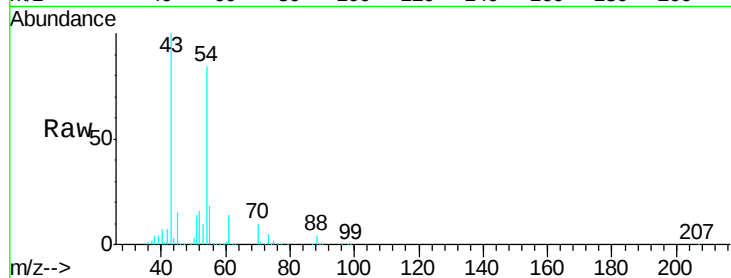




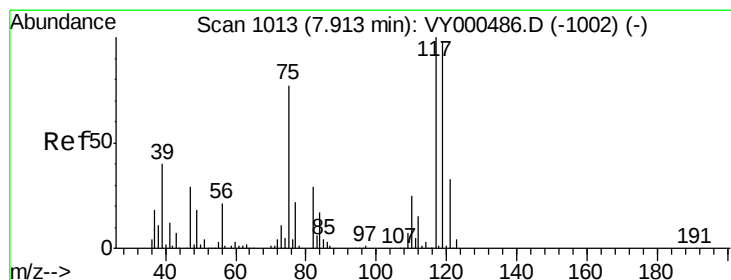
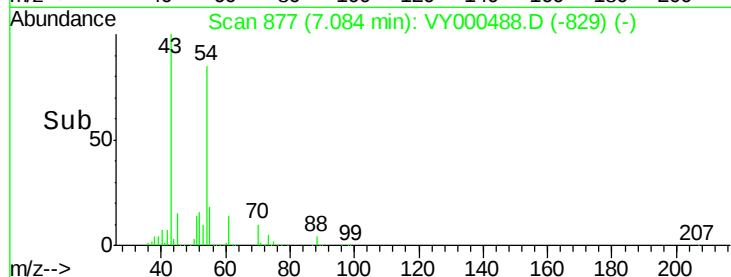
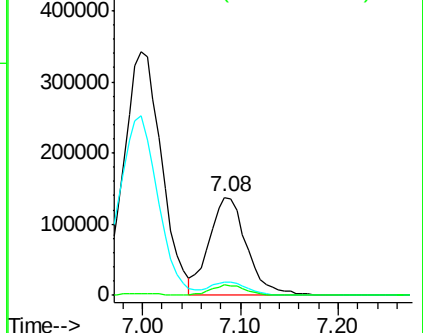
#37
Ethyl Acetate
Concen: 154.839 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 366972
Ion Ratio Lower Upper
43 100
61 14.1 10.2 15.2
70 9.8 7.8 11.8

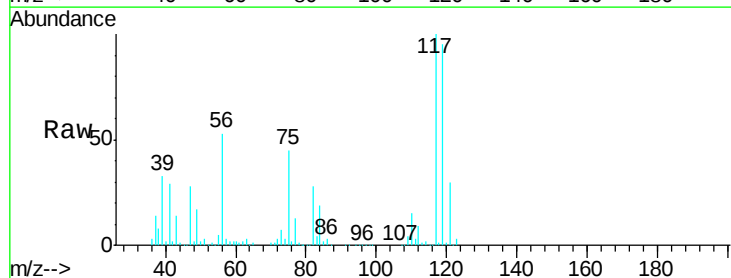


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

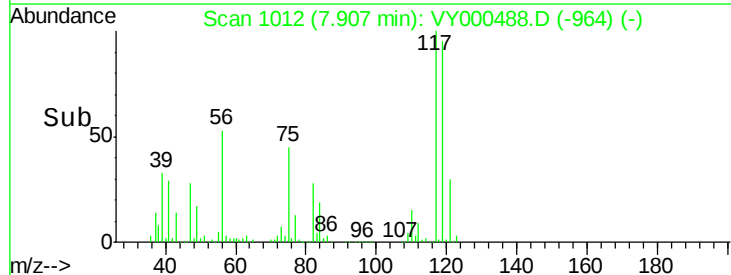
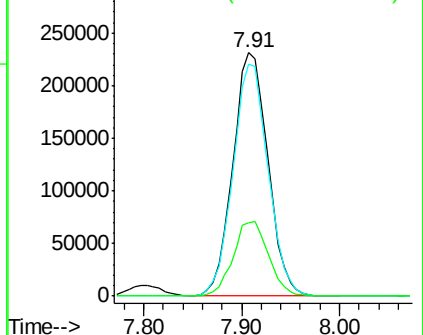


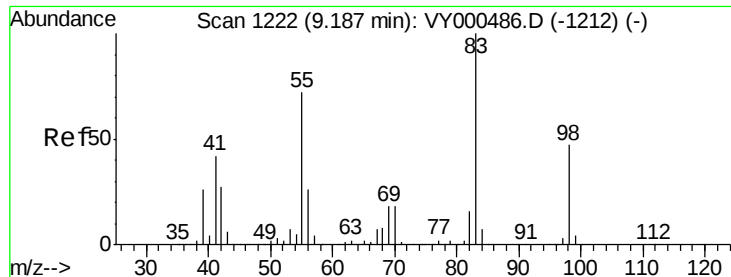
#38
Carbon Tetrachloride
Concen: 149.855 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 117 Resp: 575616
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0
121 30.1 26.6 40.0



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

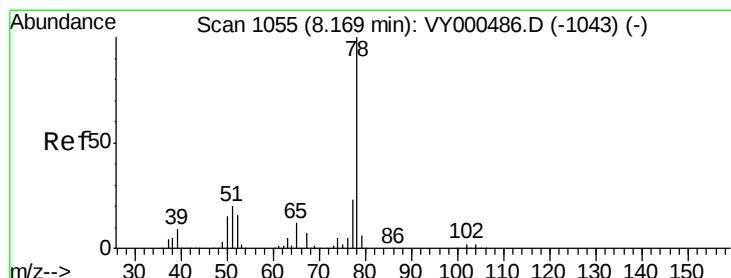
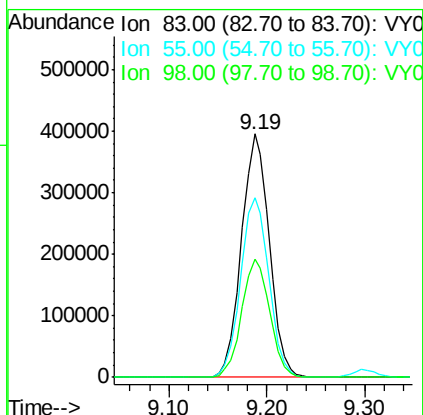
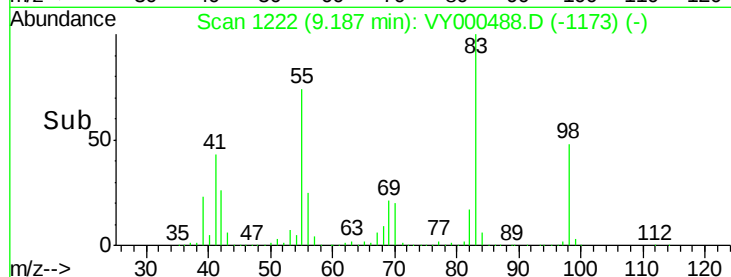
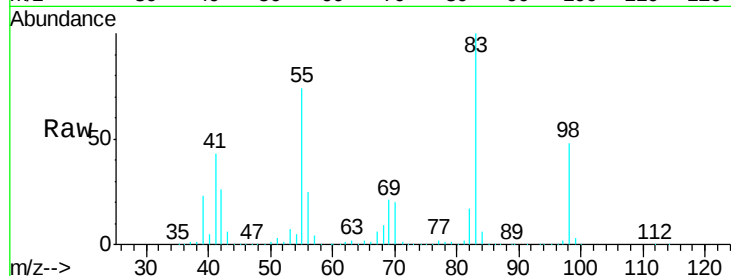




#39
Methylcyclohexane
Concen: 151.163 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

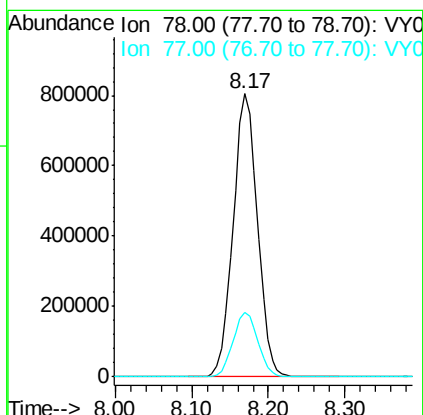
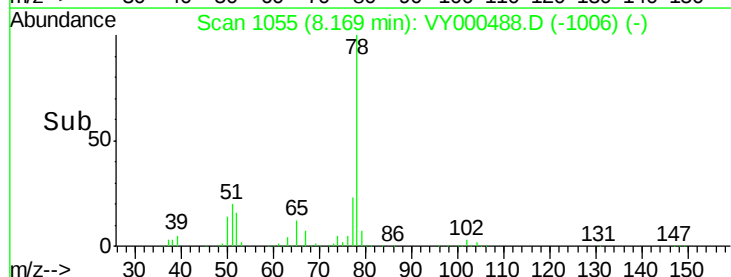
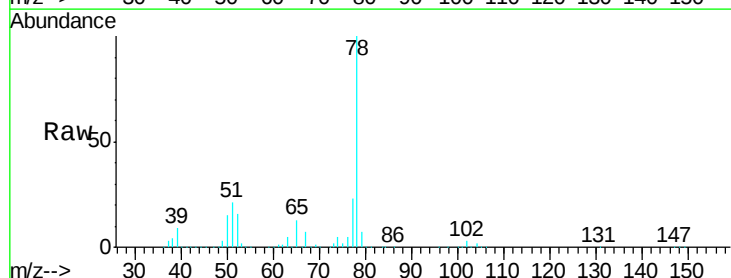
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

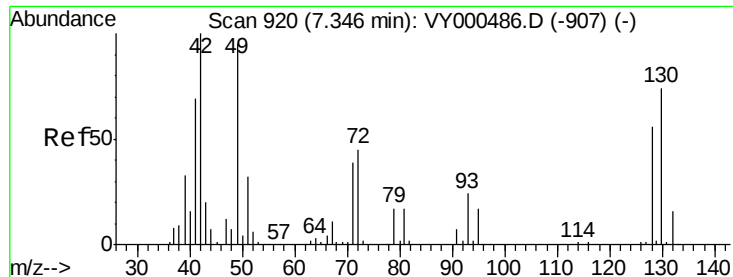
Tgt Ion: 83 Resp: 779591
Ion Ratio Lower Upper
83 100
55 73.8 57.5 86.3
98 48.3 38.0 57.0



#40
Benzene
Concen: 151.280 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 78 Resp: 1770508
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0





#41

Methacrylonitrile

Concen: 387.024 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 511521

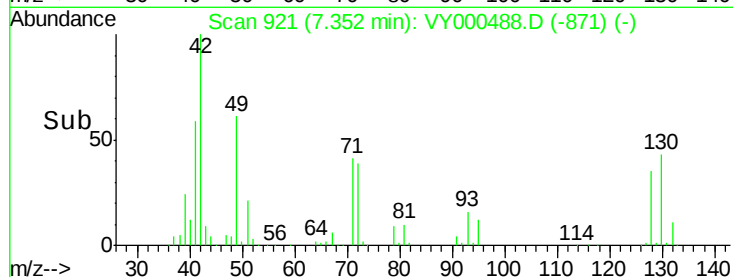
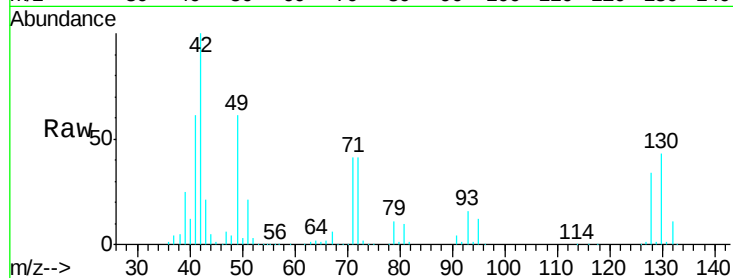
Ion Ratio Lower Upper

41 100

39 45.8 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

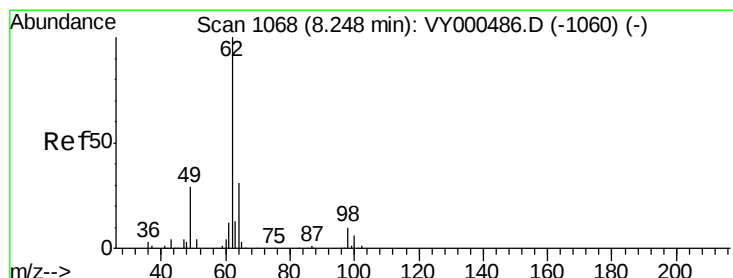
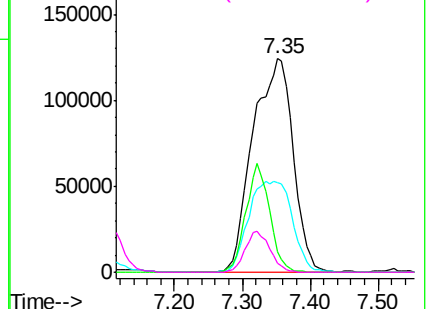


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 151.305 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000488.D

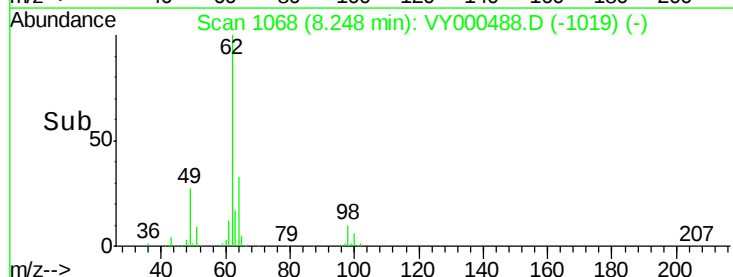
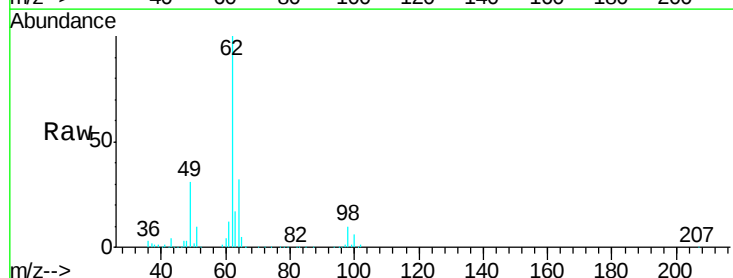
Acq: 30 Oct 2019 12:31

Tgt Ion: 62 Resp: 502242

Ion Ratio Lower Upper

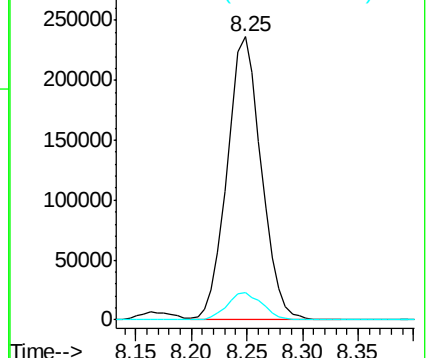
62 100

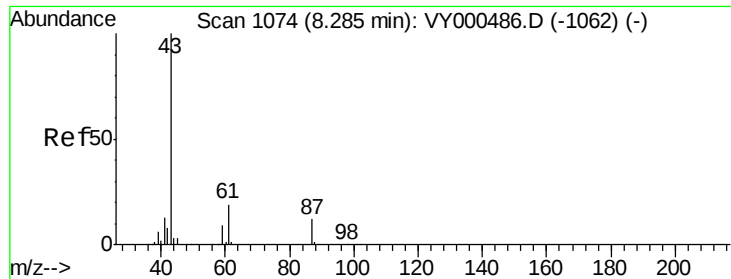
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

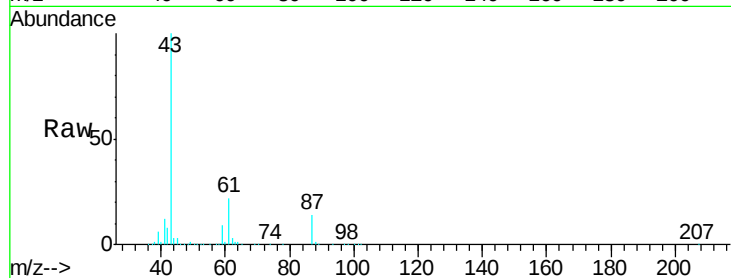




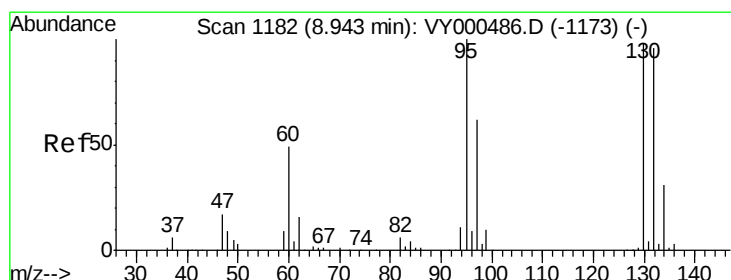
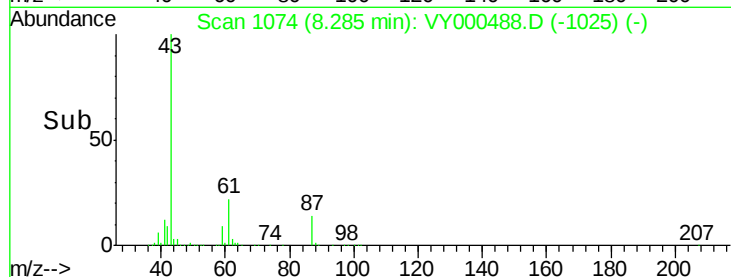
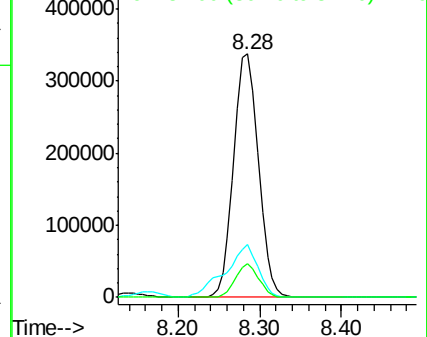
#43
Isopropyl Acetate
Concen: 159.066 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 708181
Ion Ratio Lower Upper
43 100
61 28.4 23.0 34.4
87 12.8 10.5 15.7

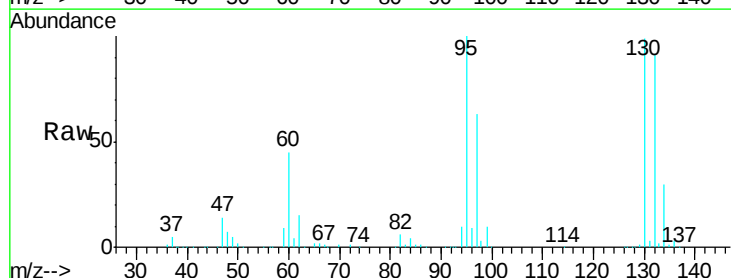


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

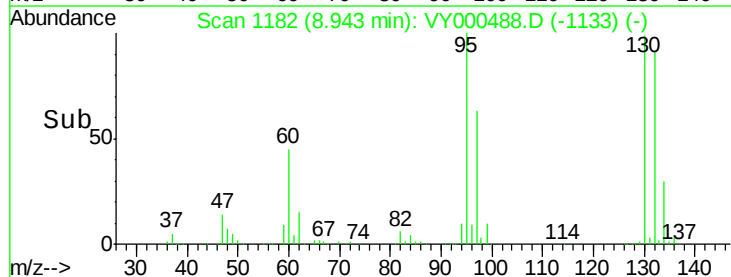
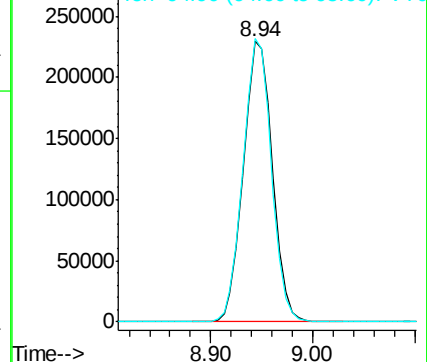


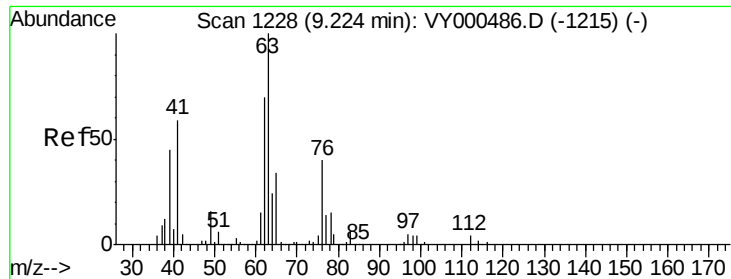
#44
Trichloroethene
Concen: 146.528 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 130 Resp: 452149
Ion Ratio Lower Upper
130 100
95 101.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

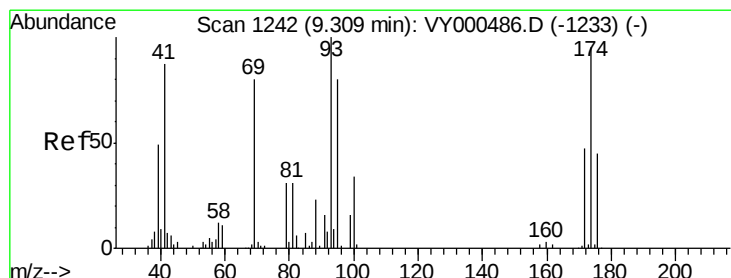
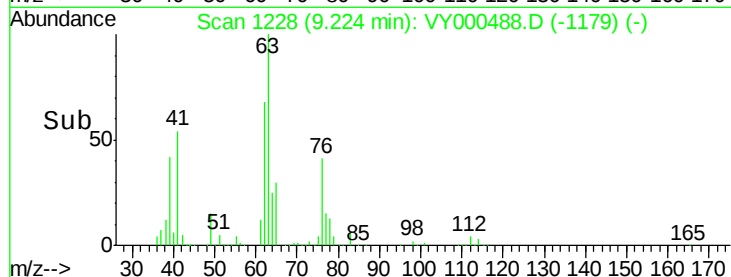
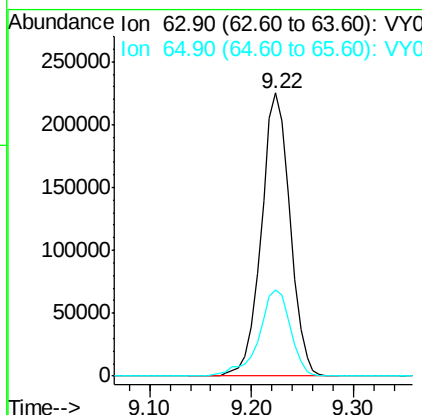
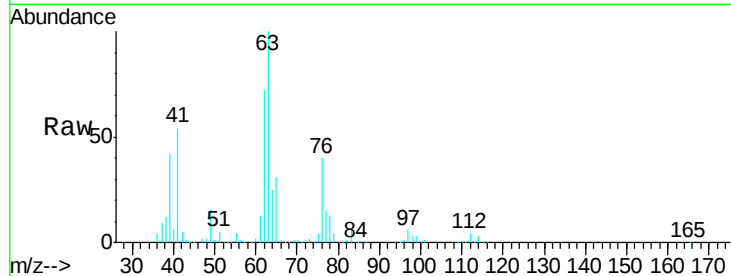




#45
 1,2-Dichloropropane
 Concen: 152.833 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

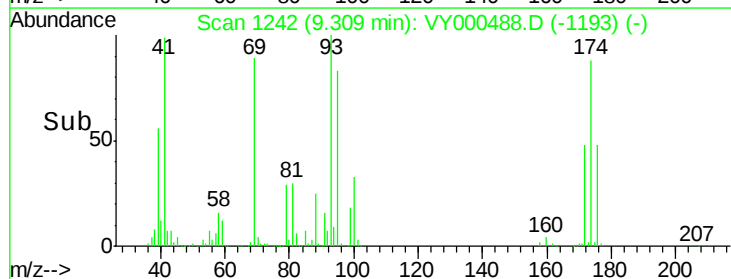
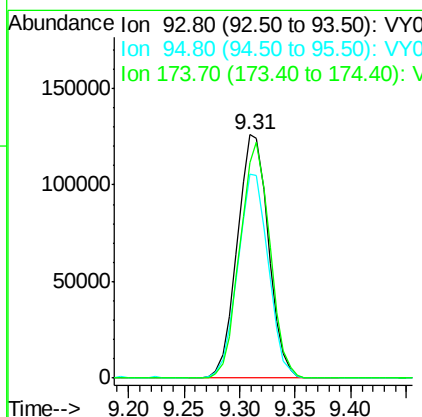
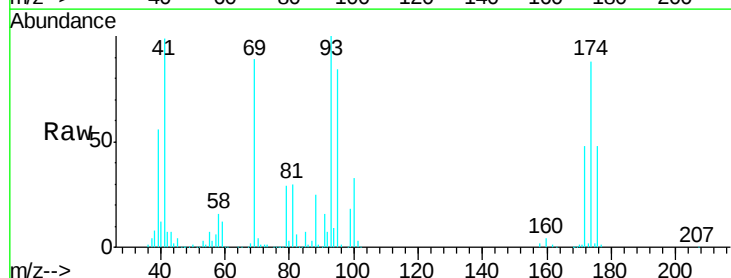
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

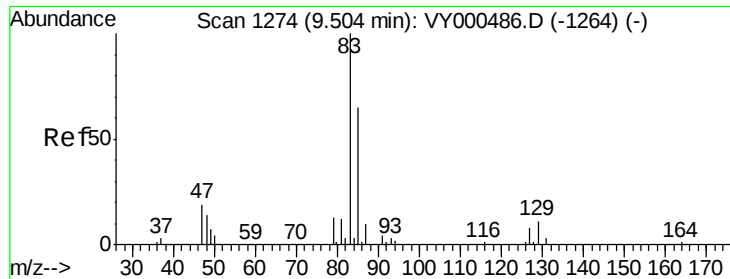
Tgt Ion: 63 Resp: 440225
 Ion Ratio Lower Upper
 63 100
 65 30.6 27.0 40.4



#46
 Dibromomethane
 Concen: 154.337 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 93 Resp: 244490
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 93.1 77.1 115.7





#47

Bromodichloromethane

Concen: 157.046 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

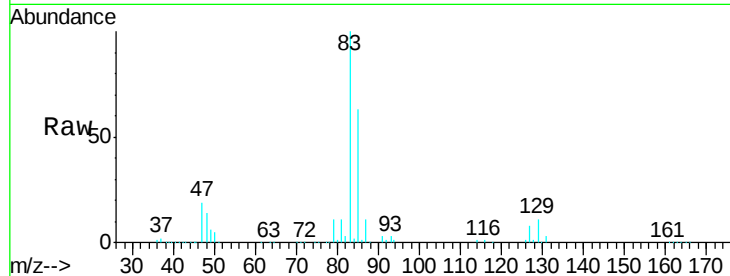
Tgt Ion: 83 Resp: 590312

Ion Ratio Lower Upper

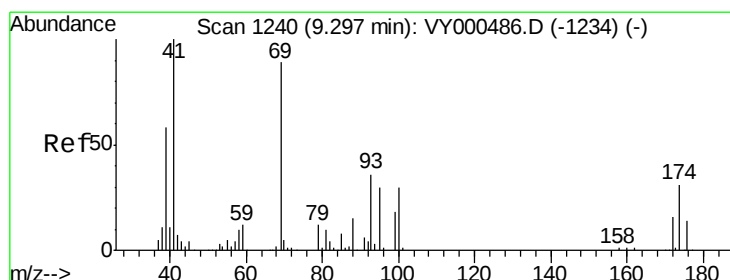
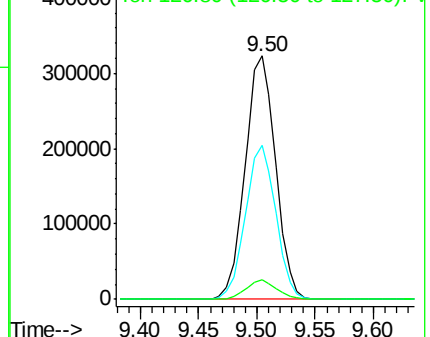
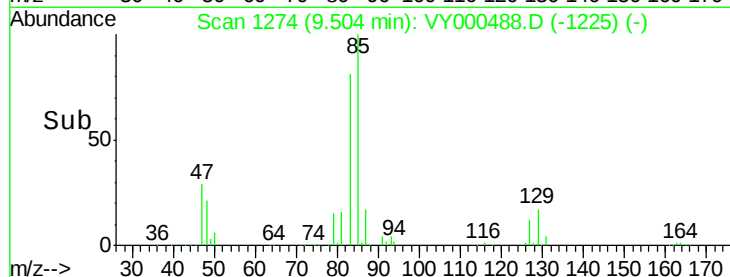
83 100

85 63.3 51.8 77.8

127 7.8 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: 165.329 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

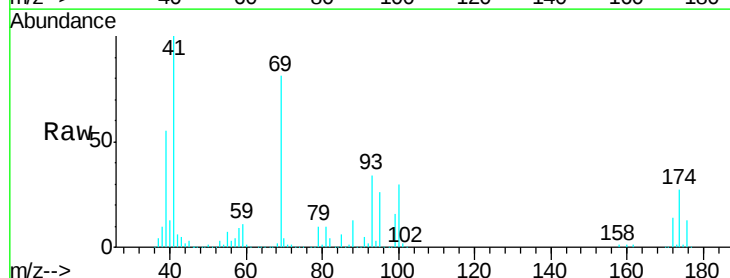
Tgt Ion: 41 Resp: 321605

Ion Ratio Lower Upper

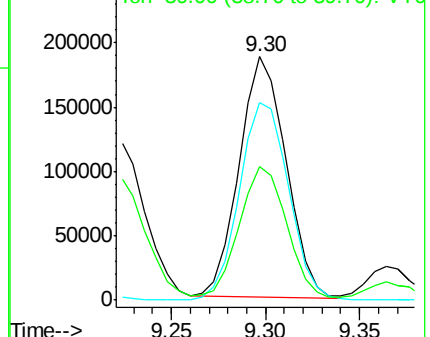
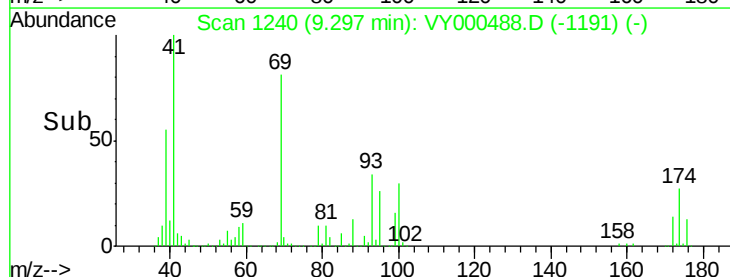
41 100

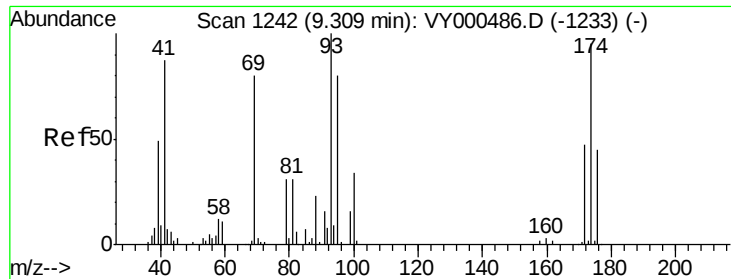
69 86.7 72.5 108.7

39 57.5 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: 3239.251 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

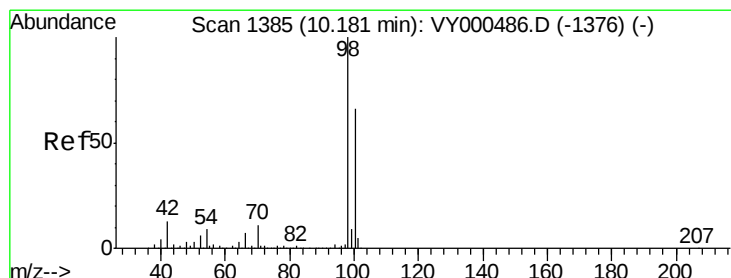
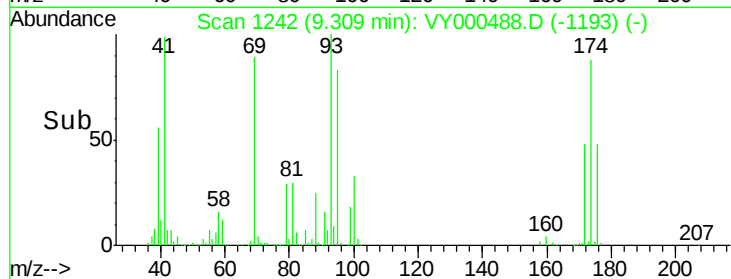
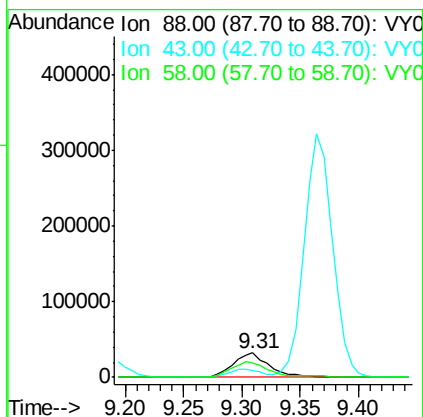
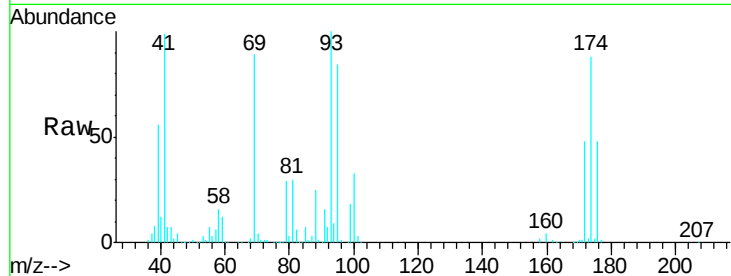
Tgt Ion: 88 Resp: 69061

Ion Ratio Lower Upper

88 100

43 31.8 25.1 37.7

58 71.9 50.6 75.8



#50

Toluene-d8

Concen: 161.605 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000488.D

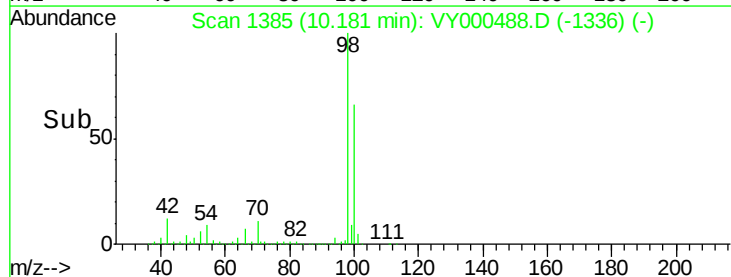
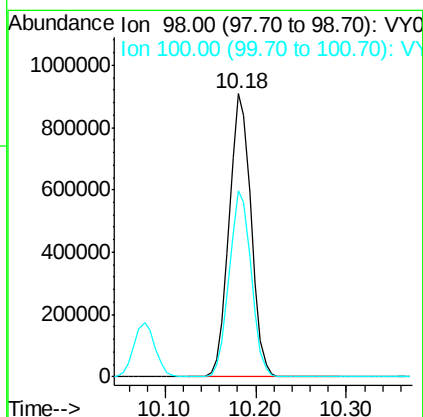
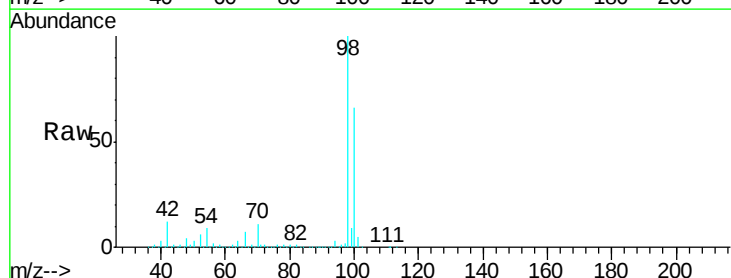
Acq: 30 Oct 2019 12:31

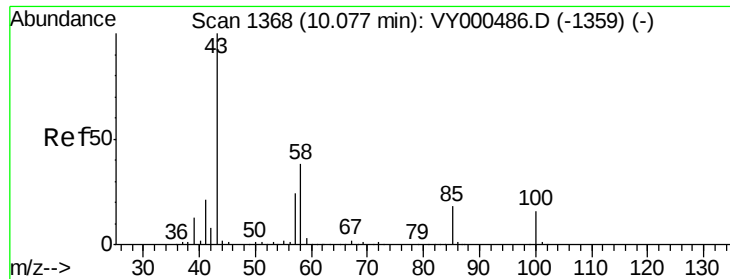
Tgt Ion: 98 Resp: 1520134

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 814.876 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

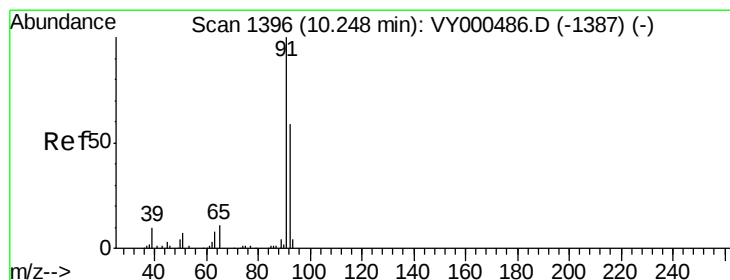
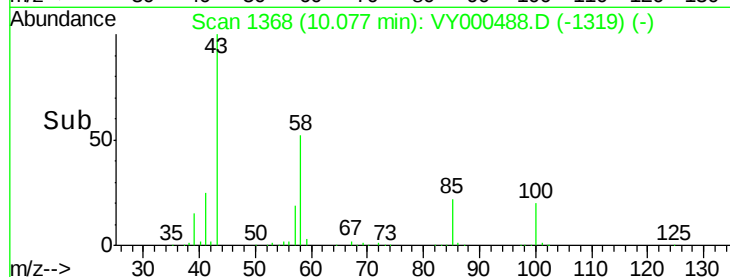
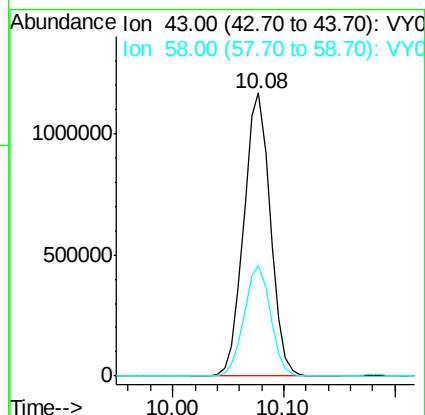
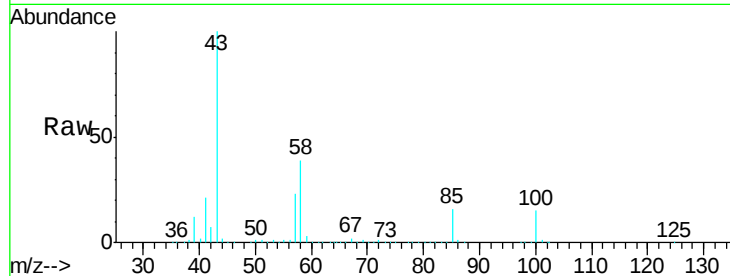
VSTDIC150

Tgt Ion: 43 Resp: 1928876

Ion Ratio Lower Upper

43 100

58 38.9 30.2 45.4



#52

Toluene

Concen: 155.734 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000488.D

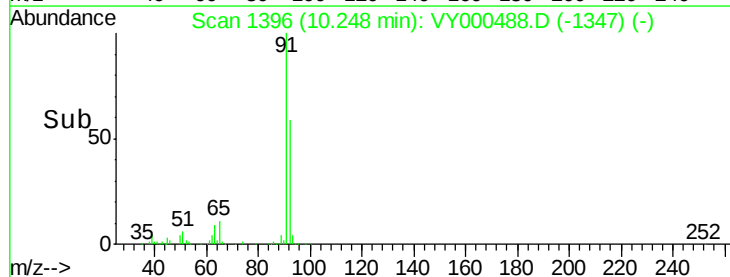
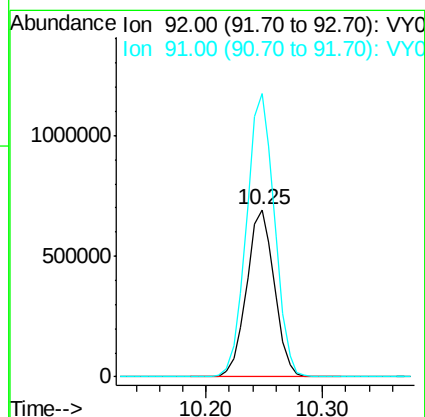
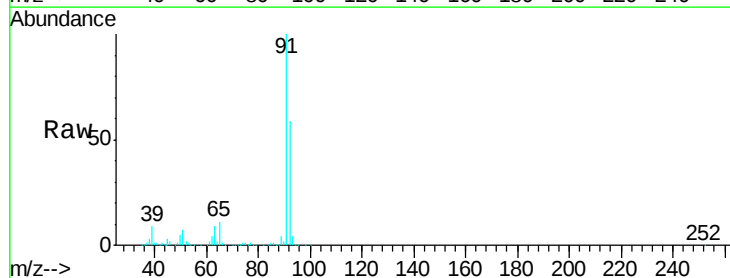
Acq: 30 Oct 2019 12:31

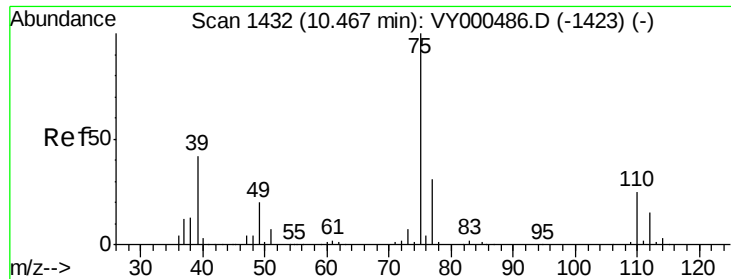
Tgt Ion: 92 Resp: 1152322

Ion Ratio Lower Upper

92 100

91 171.4 136.3 204.5

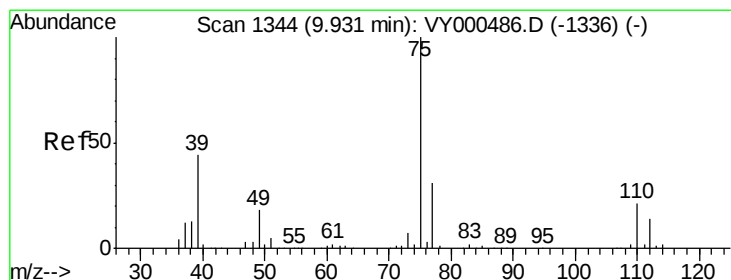
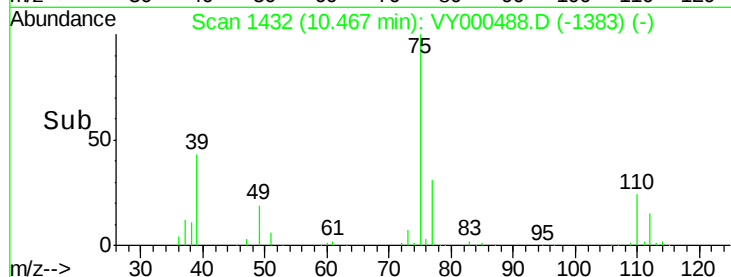
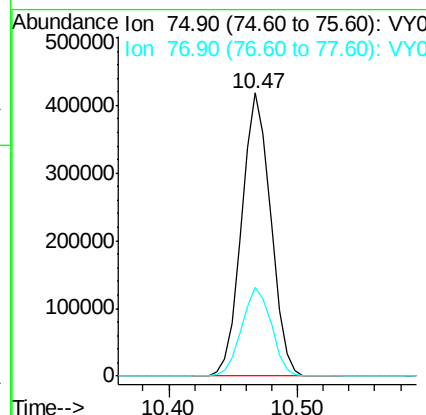
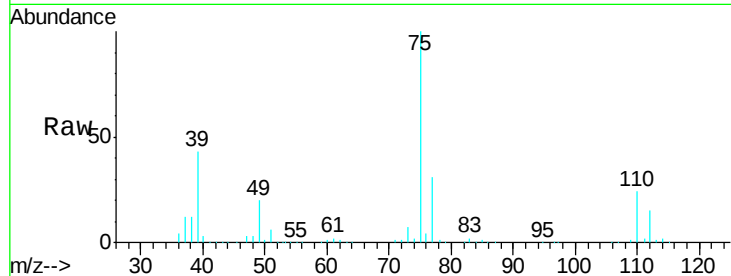




#53
 t-1,3-Dichloropropene
 Concen: 162.716 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

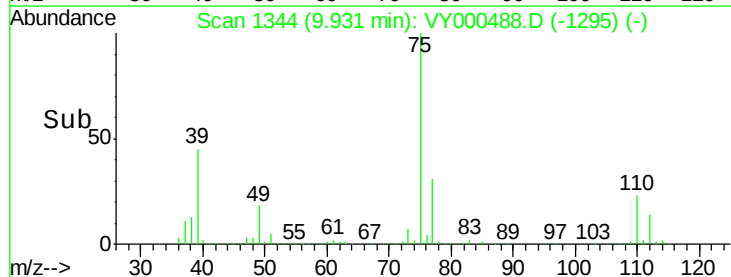
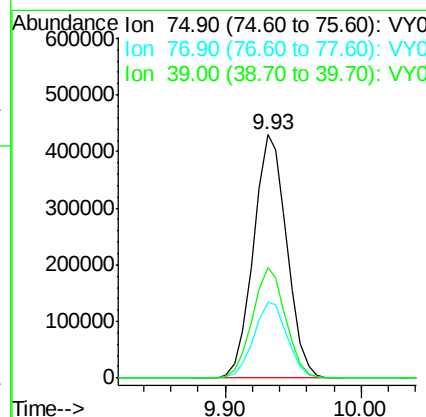
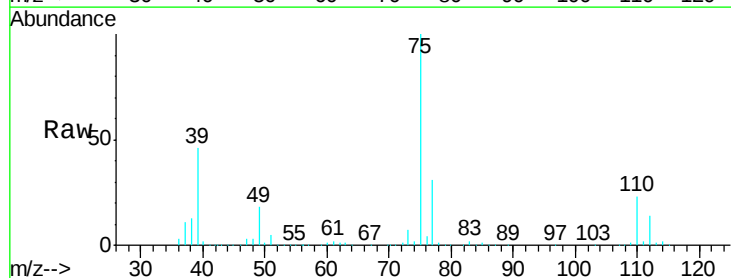
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

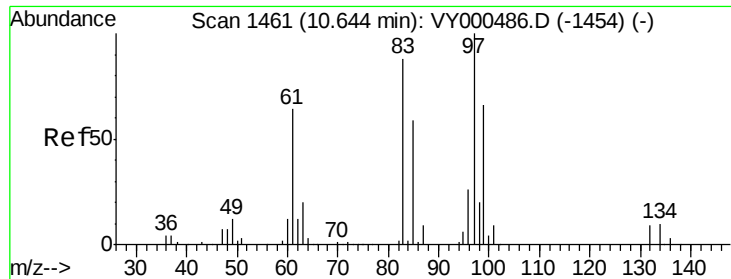
Tgt Ion: 75 Resp: 653514
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 160.166 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 75 Resp: 736936
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.5 36.7
 39 45.5 35.4 53.2

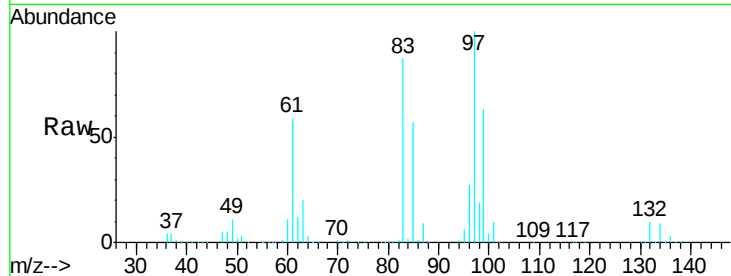




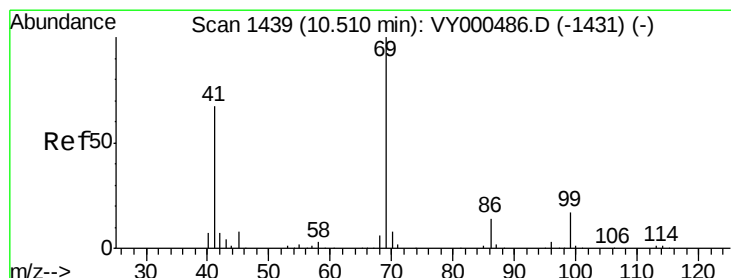
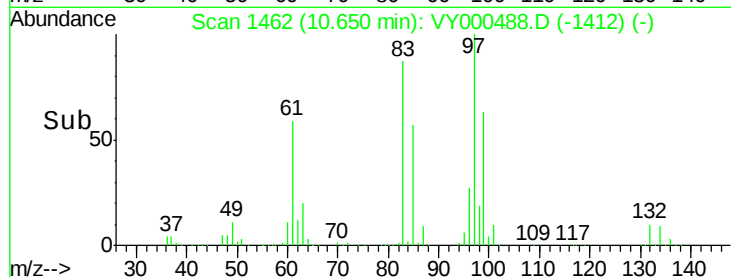
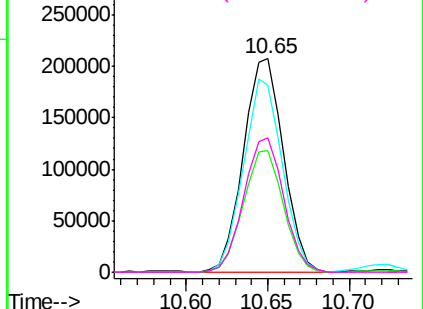
#55
1,1,2-Trichloroethane
Concen: 154.758 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. 0.01 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 354591
Ion Ratio Lower Upper
97 100
83 87.3 70.2 105.4
85 56.8 46.9 70.3
99 63.1 52.6 78.8

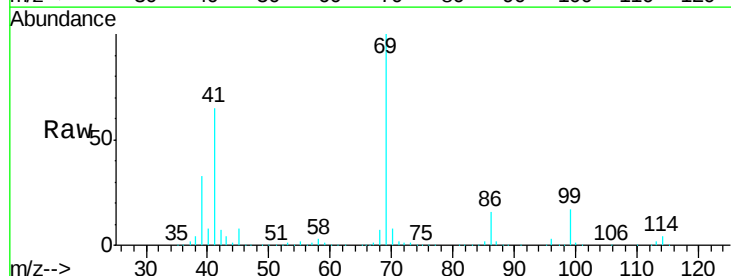


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

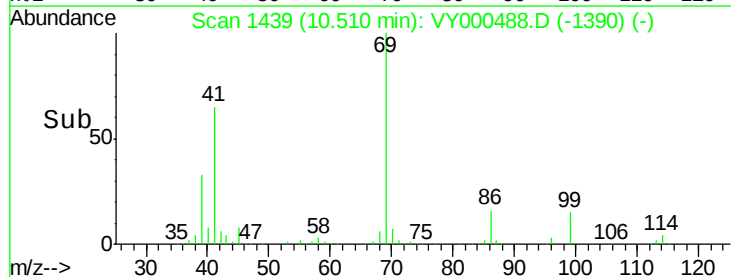
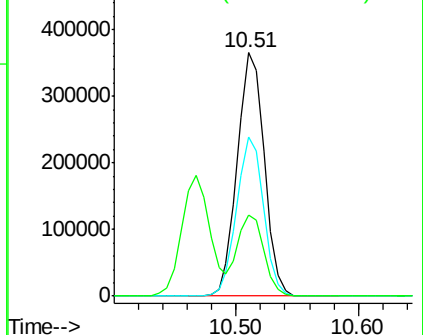


#56
Ethyl methacrylate
Concen: 172.019 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 69 Resp: 558630
Ion Ratio Lower Upper
69 100
41 64.9 53.3 79.9
39 32.5 28.0 42.0



Abundance Ion 69.00 (68.70 to 69.70): VY0
Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 156.254 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

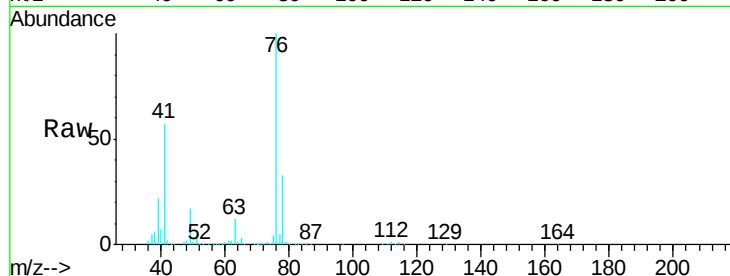
VSTDICC150

Tgt Ion: 76 Resp: 626607

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

400000

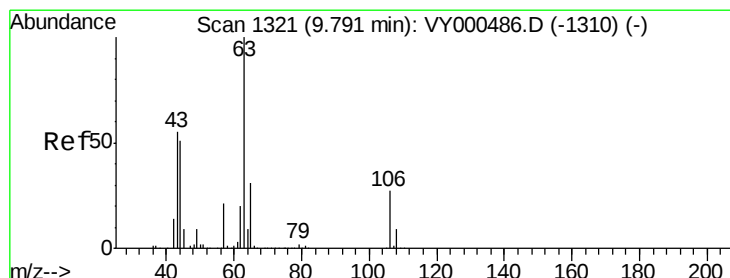
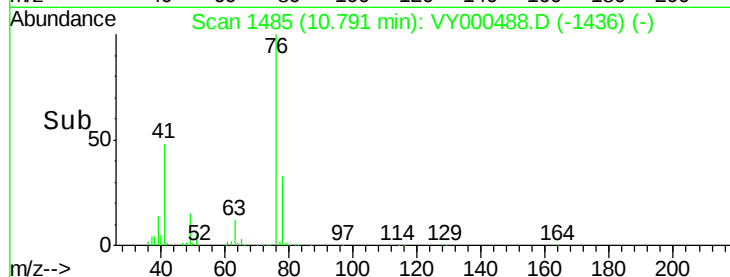
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 786.951 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000488.D

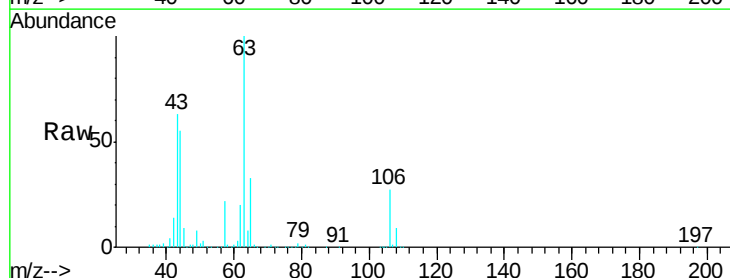
Acq: 30 Oct 2019 12:31

Tgt Ion: 63 Resp: 1155362

Ion Ratio Lower Upper

63 100

106 26.9 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

800000

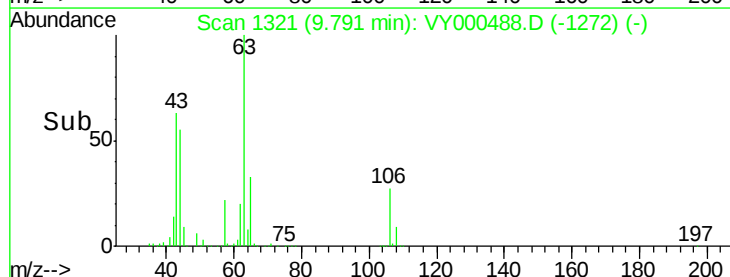
600000

400000

200000

0

Time-->

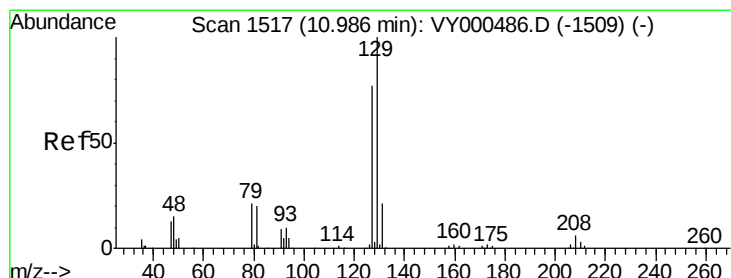
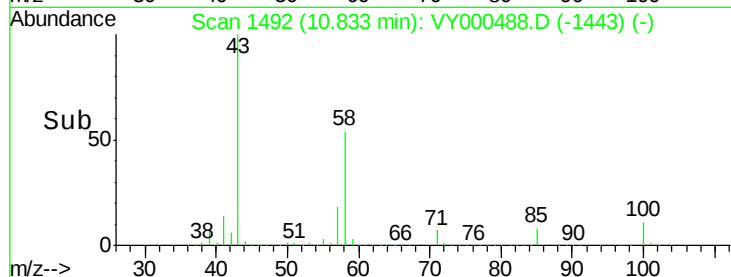
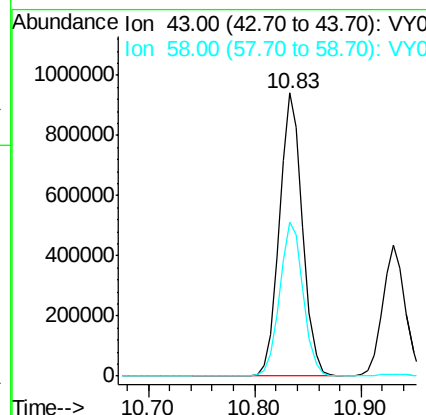
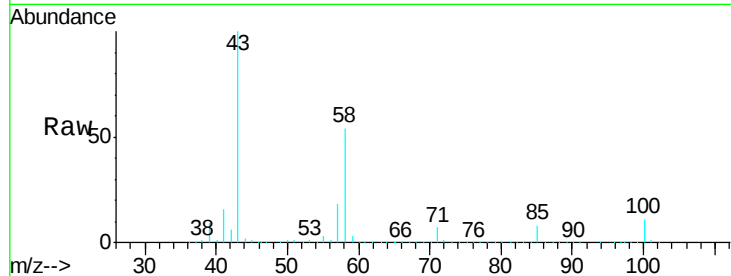




#59
2-Hexanone
Concen: 818.707 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

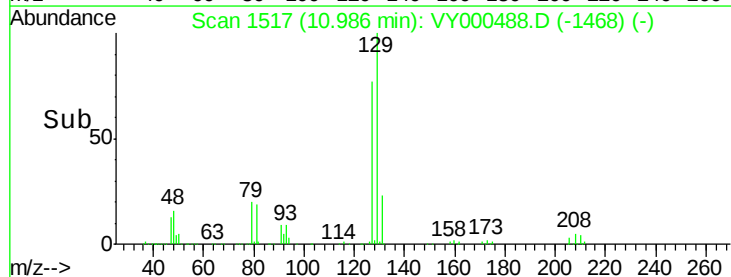
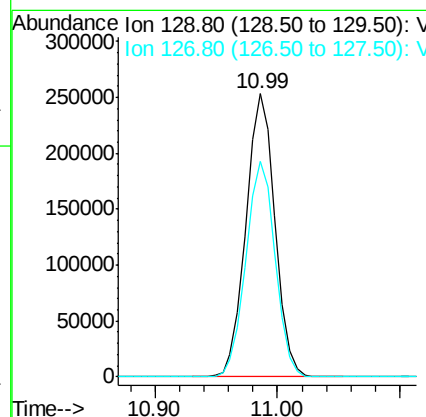
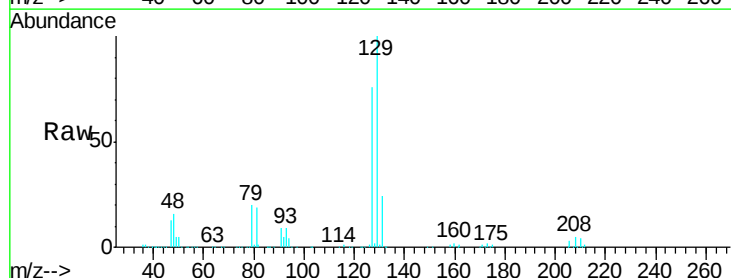
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

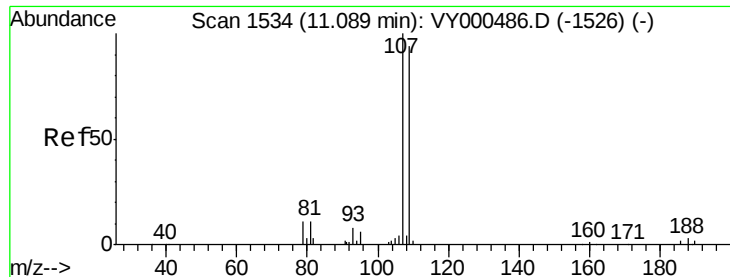
Tgt Ion: 43 Resp: 1411976
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3



#60
Dibromochloromethane
Concen: 158.635 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 129 Resp: 416330
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2

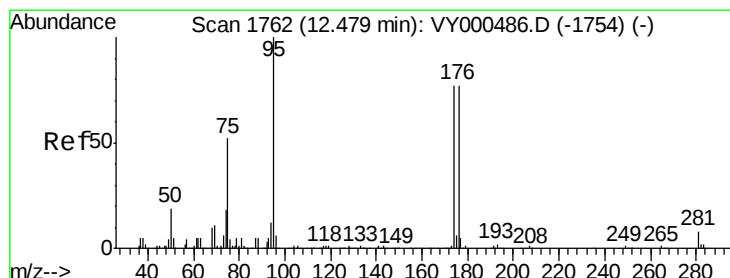
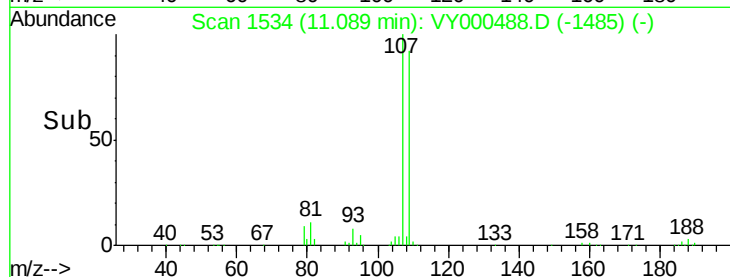
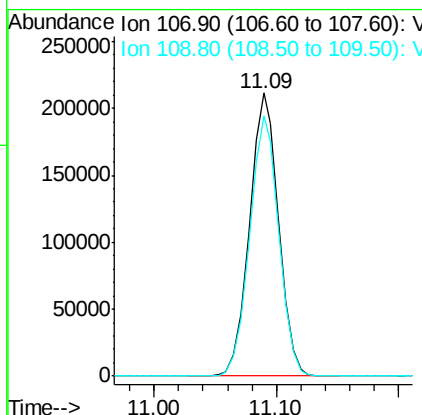
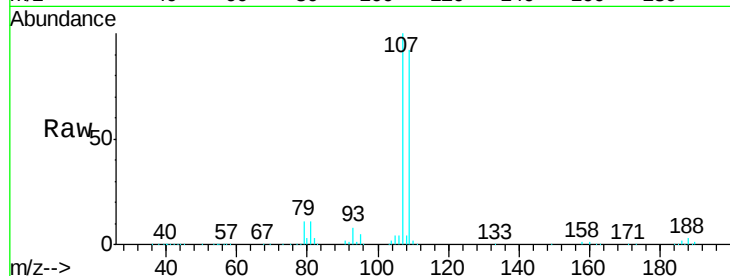




#61
 1,2-Dibromoethane
 Concen: 157.459 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

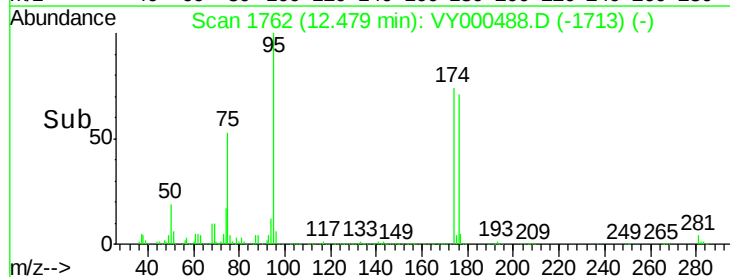
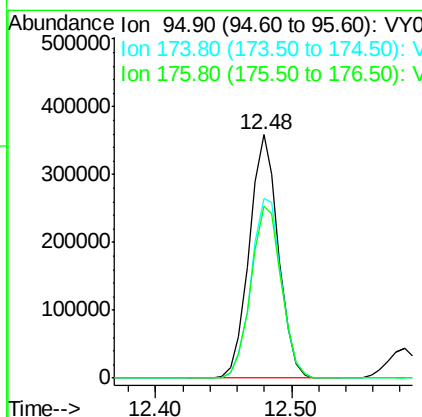
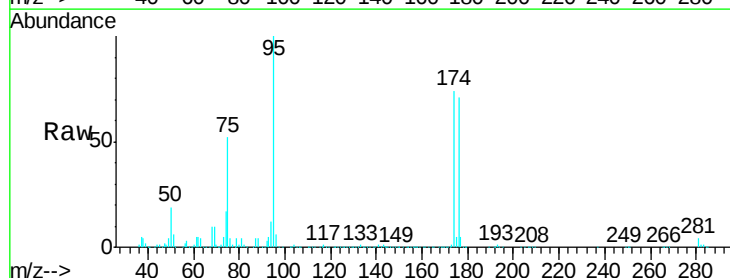
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 107 Resp: 346887
 Ion Ratio Lower Upper
 107 100
 109 92.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 149.297 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 95 Resp: 534634
 Ion Ratio Lower Upper
 95 100
 174 77.7 0.0 161.6
 176 74.3 0.0 157.8

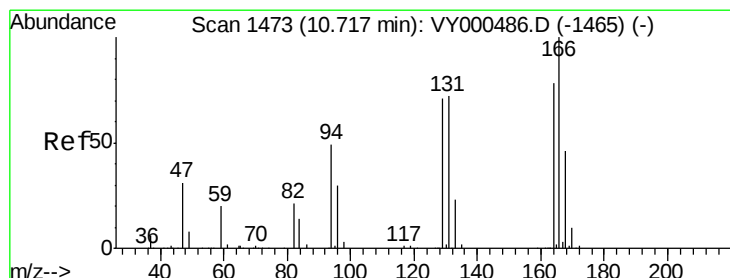
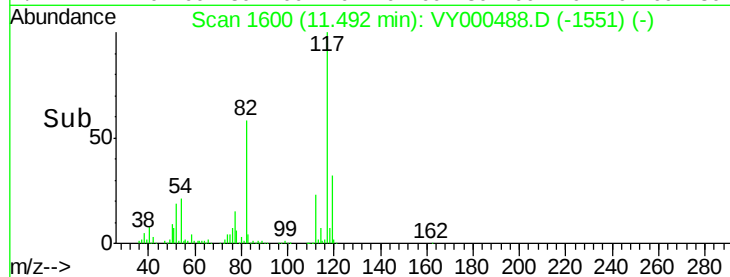
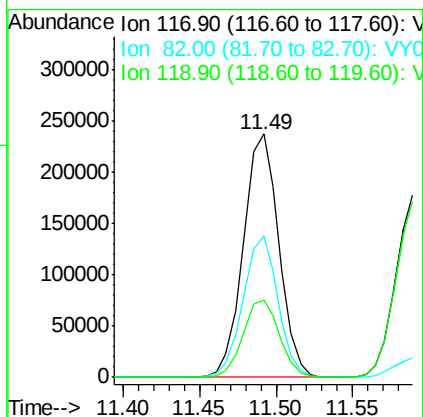
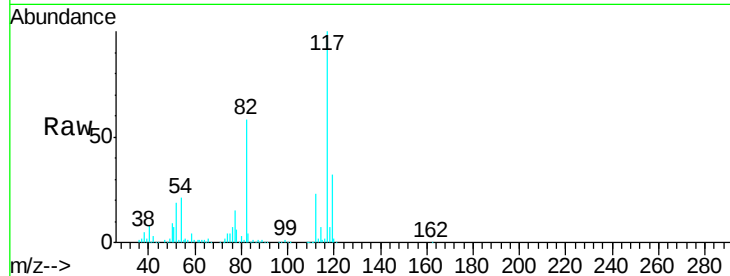




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

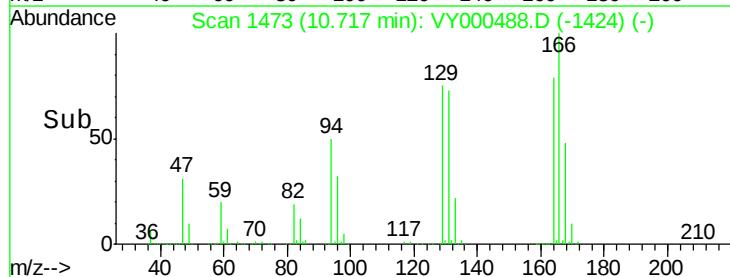
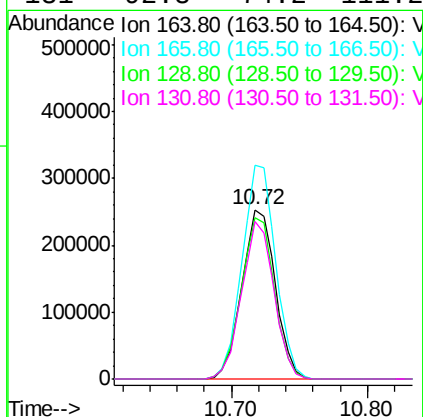
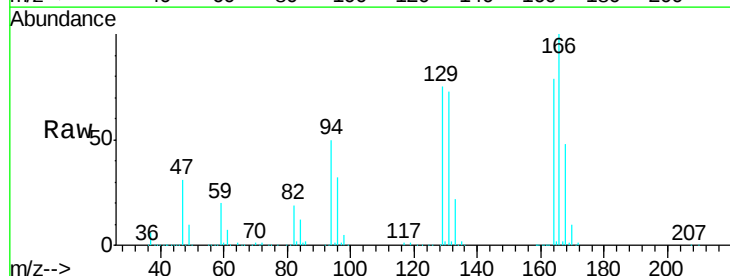
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

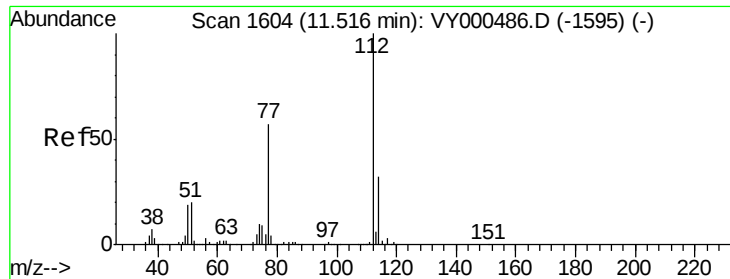
Tgt Ion:117 Resp: 381568
Ion Ratio Lower Upper
117 100
82 58.1 40.8 61.2
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 138.238 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion:164 Resp: 436157
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 95.2 73.2 109.8
131 92.8 74.2 111.2

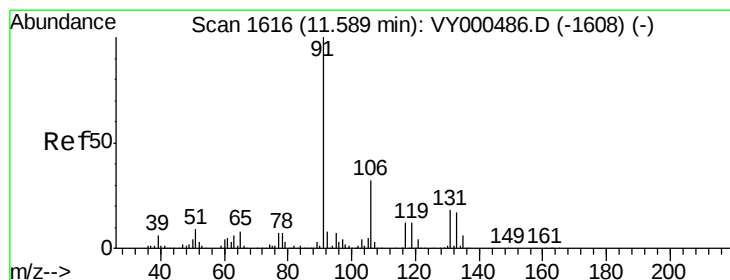
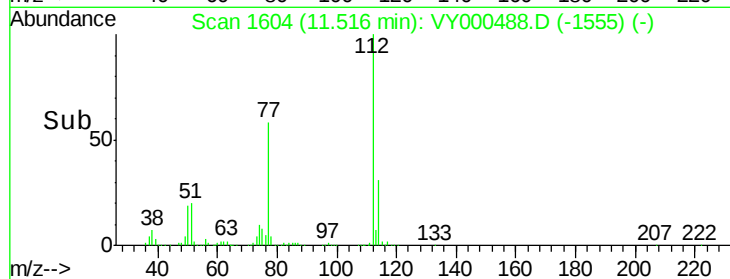
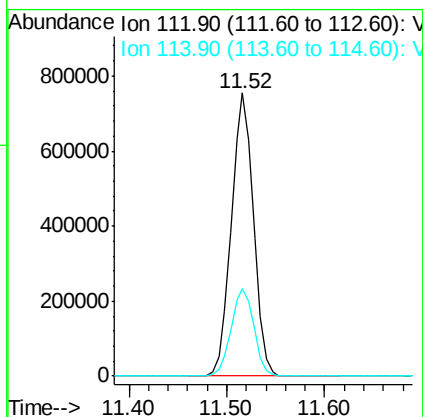
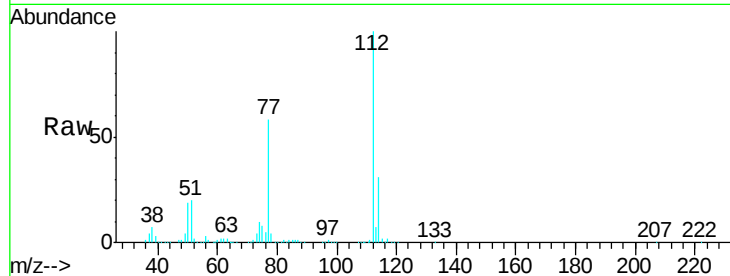




#65
Chlorobenzene
Concen: 152.528 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

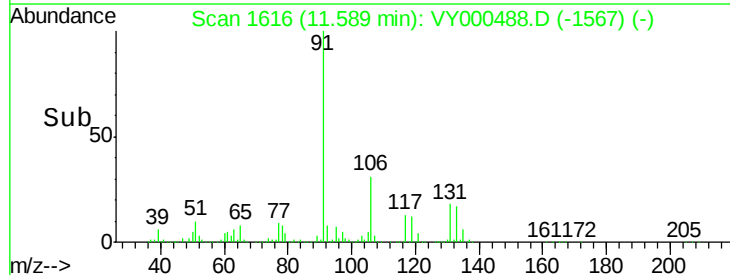
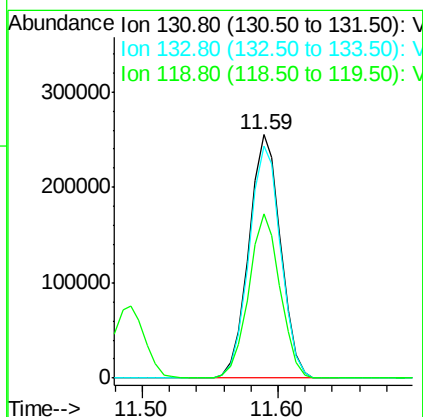
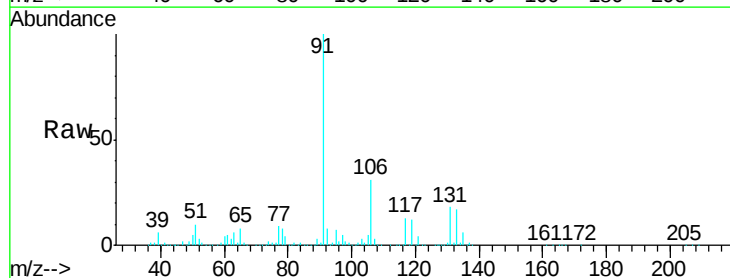
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

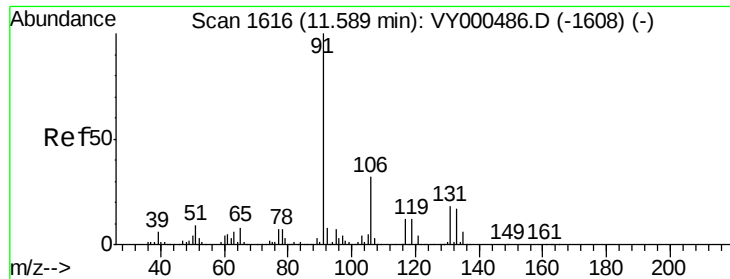
Tgt Ion:112 Resp: 1179986
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 155.459 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion:131 Resp: 417101
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 66.6 33.1 99.3





#67

Ethyl Benzene

Concen: 153.682 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

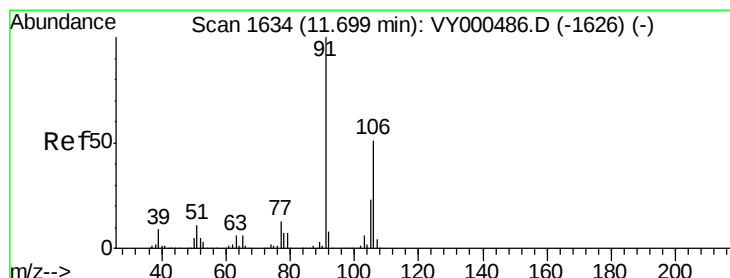
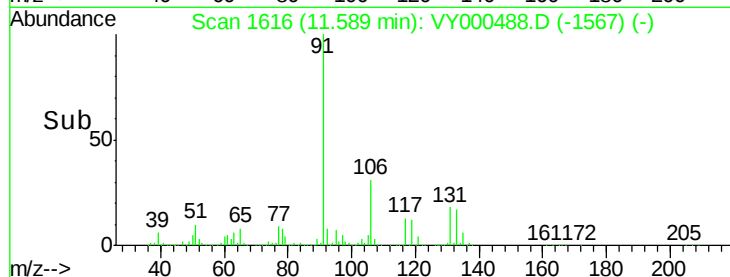
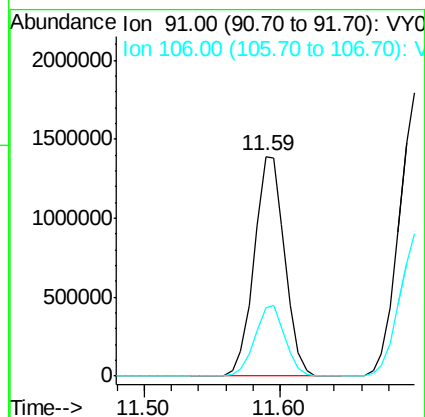
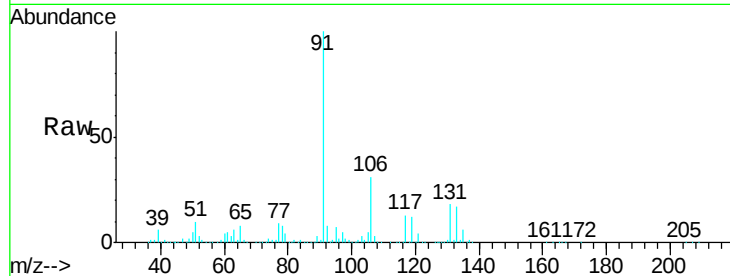
VSTDIC150

Tgt Ion: 91 Resp: 2188118

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 302.850 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000488.D

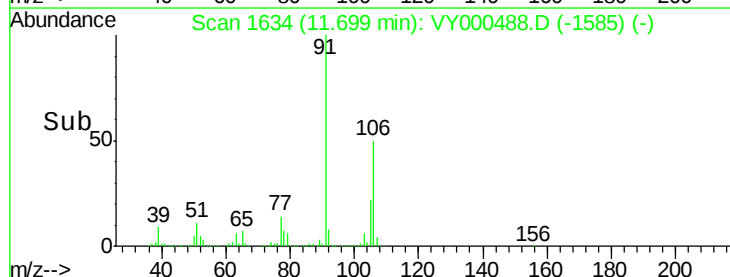
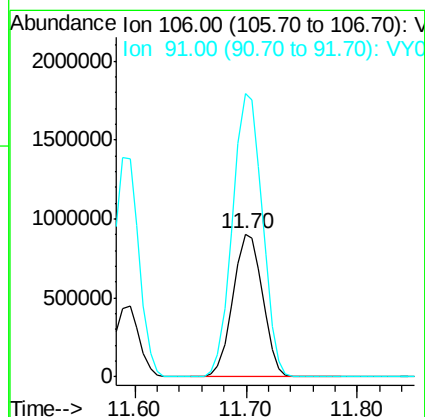
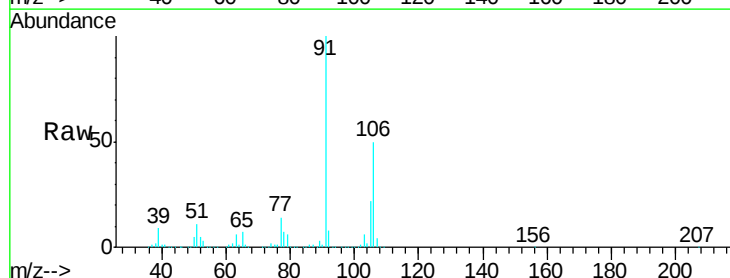
Acq: 30 Oct 2019 12:31

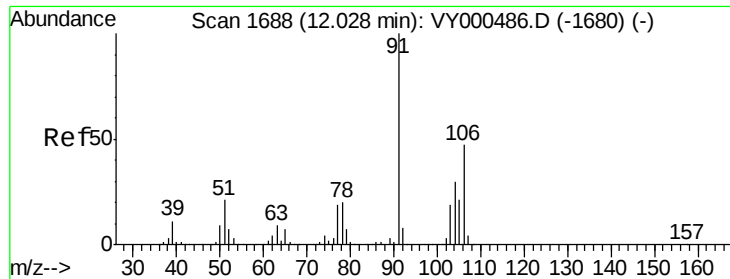
Tgt Ion: 106 Resp: 1668911

Ion Ratio Lower Upper

106 100

91 199.4 155.9 233.9

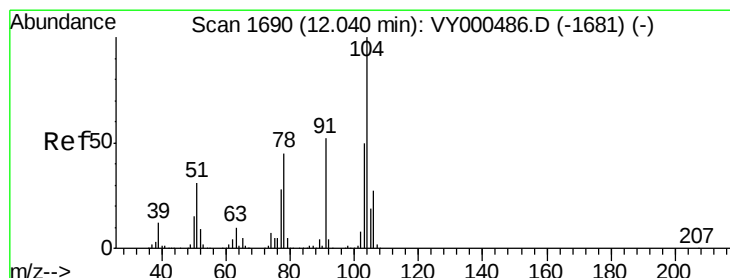
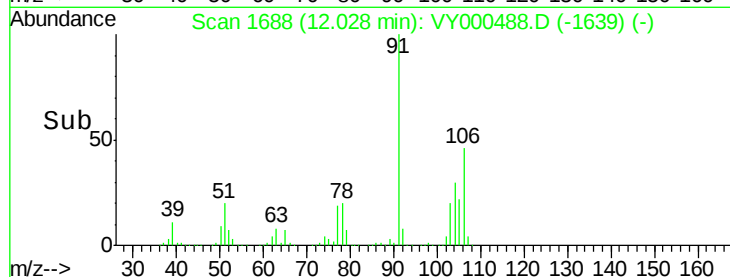
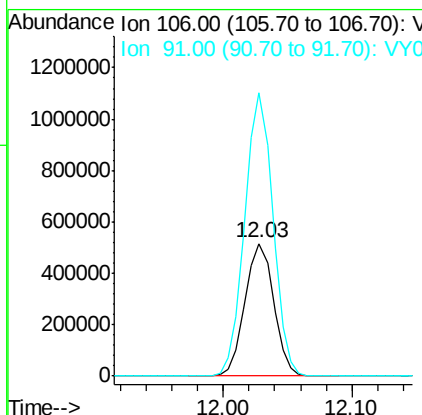
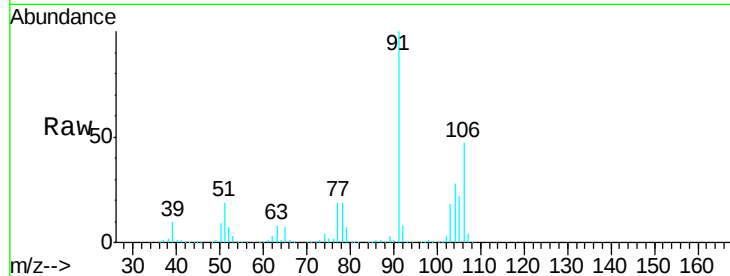




#69
o-Xylene
Concen: 153.334 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

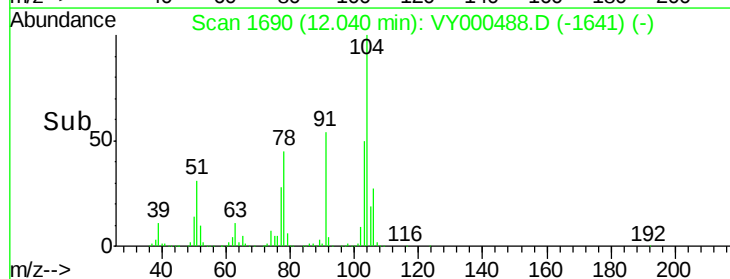
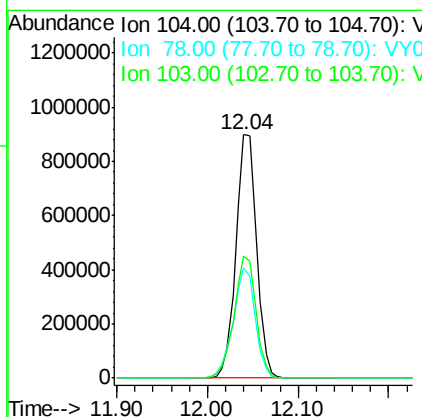
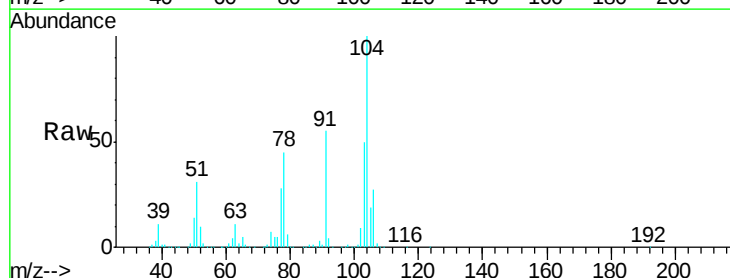
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

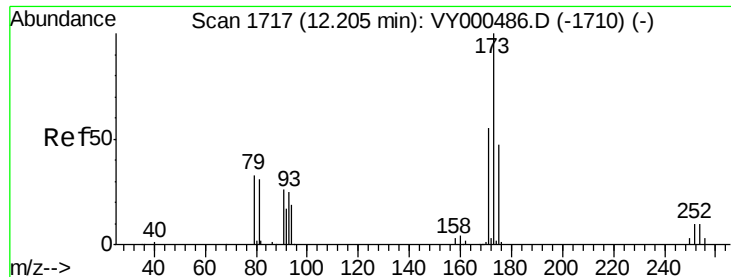
Tgt Ion:106 Resp: 794129
Ion Ratio Lower Upper
106 100
91 209.7 106.5 319.6



#70
Styrene
Concen: 159.841 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion:104 Resp: 1417552
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 53.1 42.5 63.7





#71

Bromoform

Concen: 164.052 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

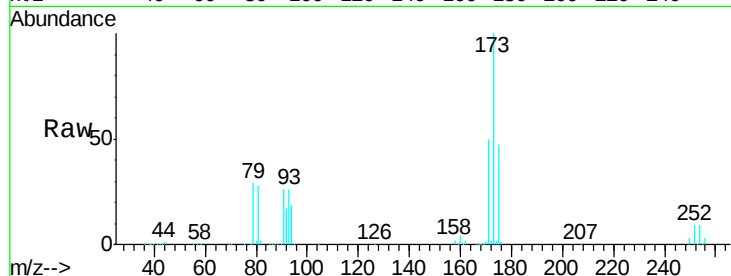
Tgt Ion:173 Resp: 253165

Ion Ratio Lower Upper

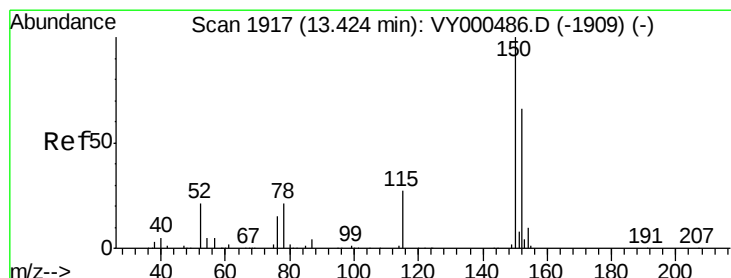
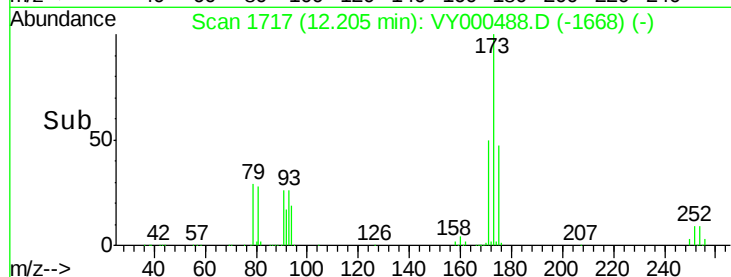
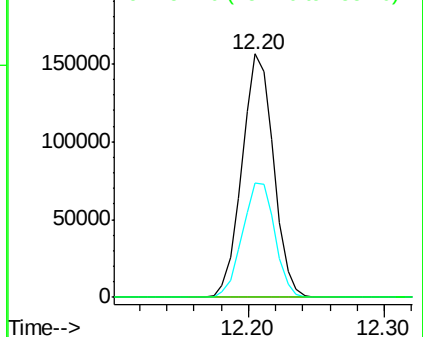
173 100

175 48.5 24.4 73.2

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

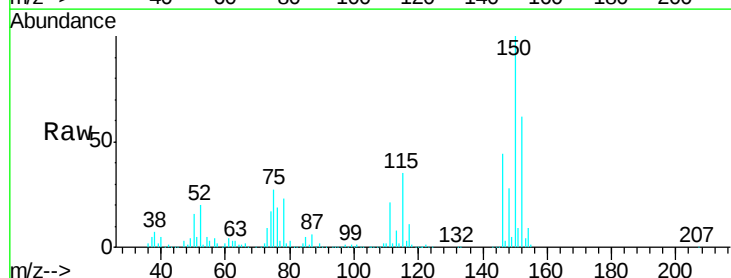
Tgt Ion:152 Resp: 188870

Ion Ratio Lower Upper

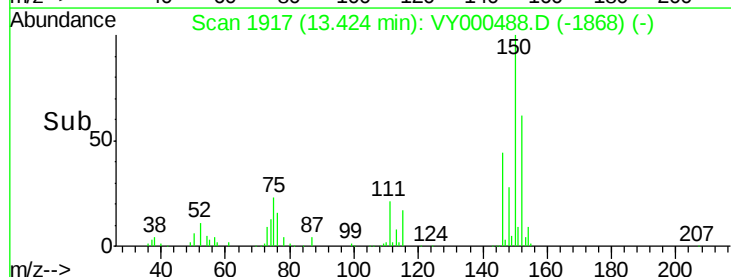
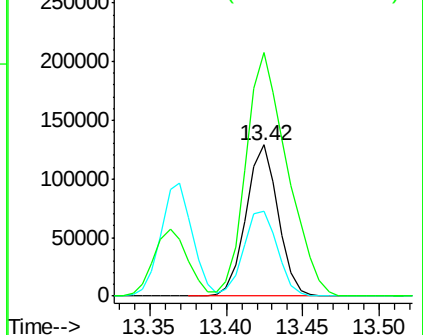
152 100

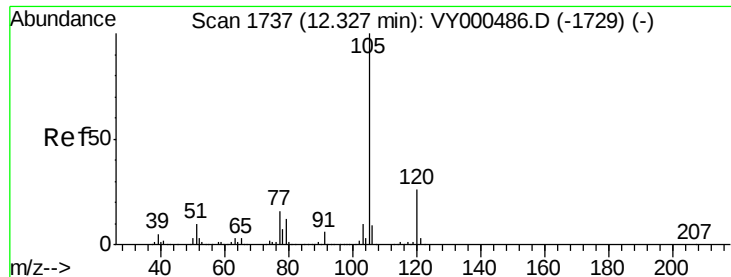
115 59.3 29.1 87.4

150 205.8 0.0 348.8



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





#73

Isopropylbenzene

Concen: 151.781 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

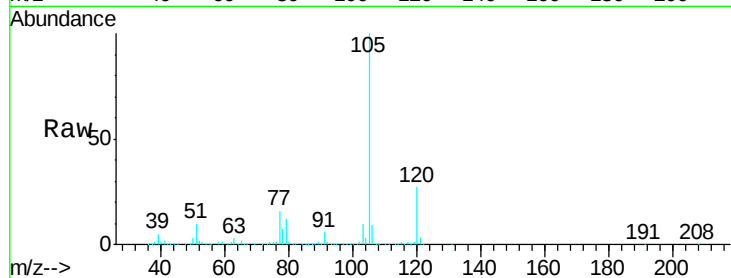
VSTDIC150

Tgt Ion:105 Resp: 2118701

Ion Ratio Lower Upper

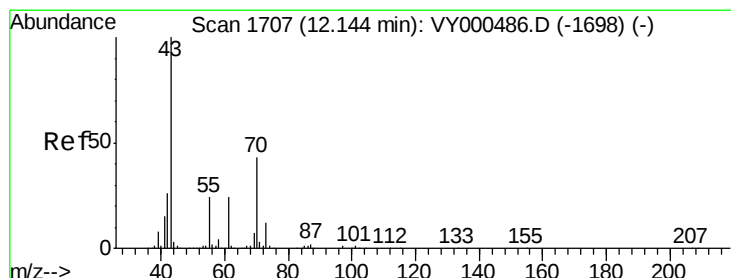
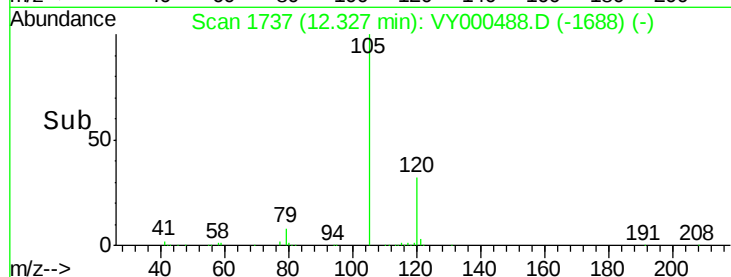
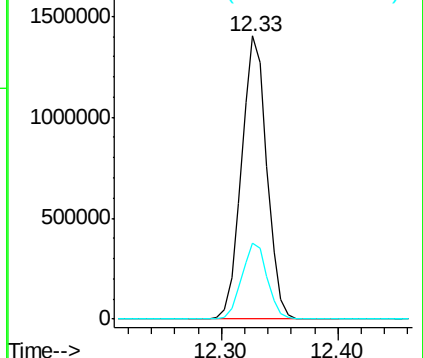
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 170.603 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Tgt Ion: 43 Resp: 682040

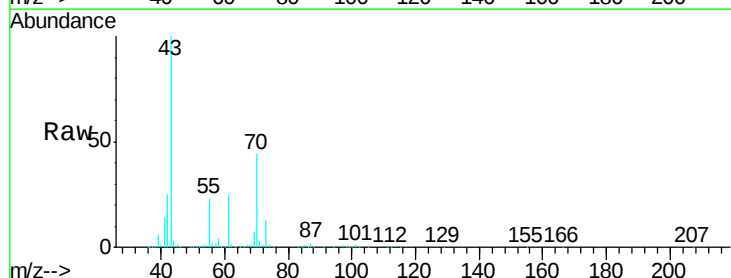
Ion Ratio Lower Upper

43 100

70 43.1 33.1 49.7

55 22.3 18.0 27.0

61 25.5 19.1 28.7

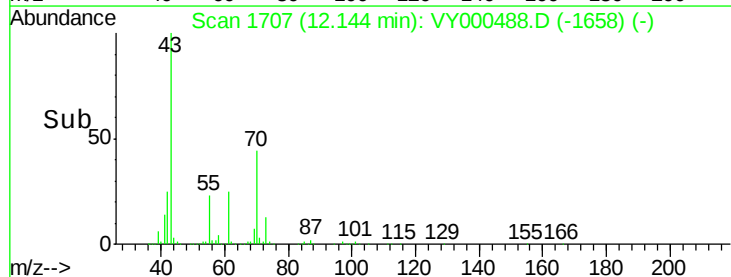
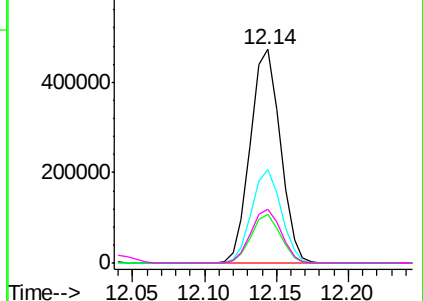


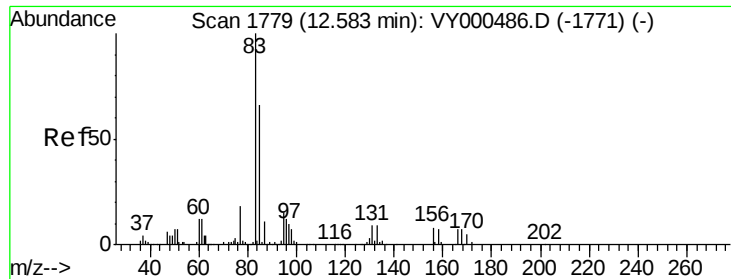
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 158.396 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

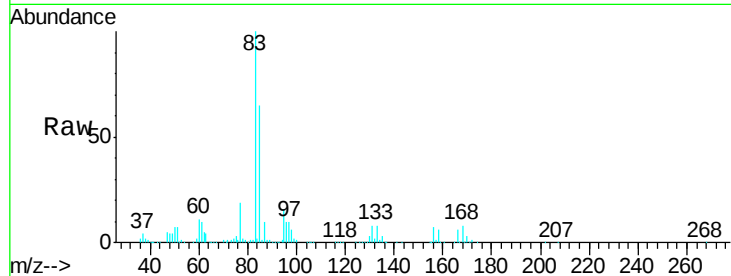
Tgt Ion: 83 Resp: 437788

Ion Ratio Lower Upper

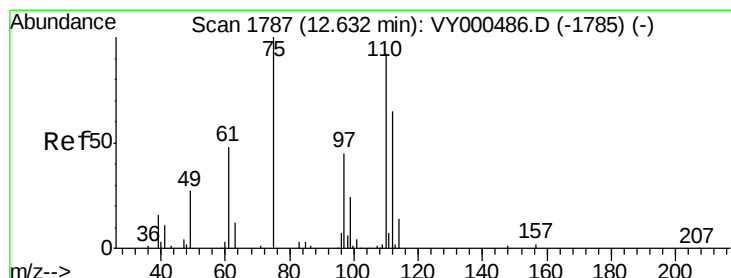
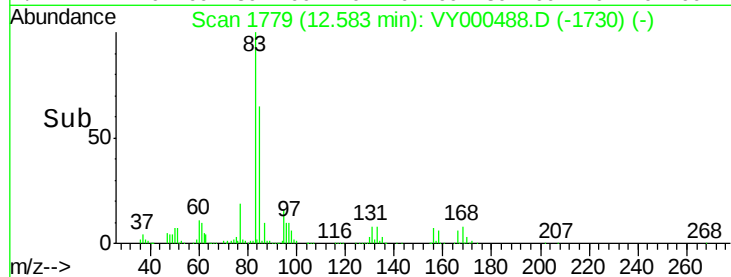
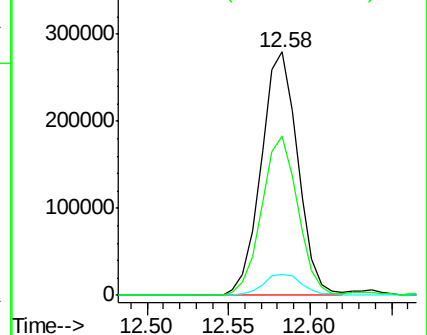
83 100

131 9.3 5.0 14.9

85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 171.268 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000488.D

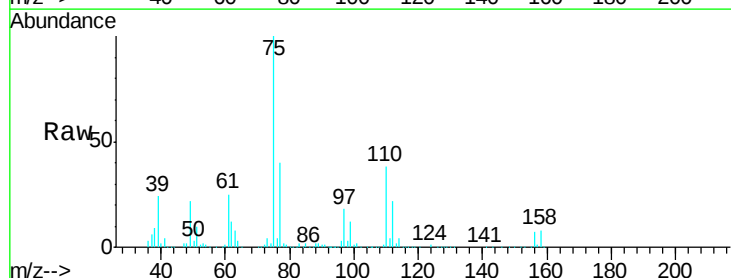
Acq: 30 Oct 2019 12:31

Tgt Ion: 75 Resp: 598198

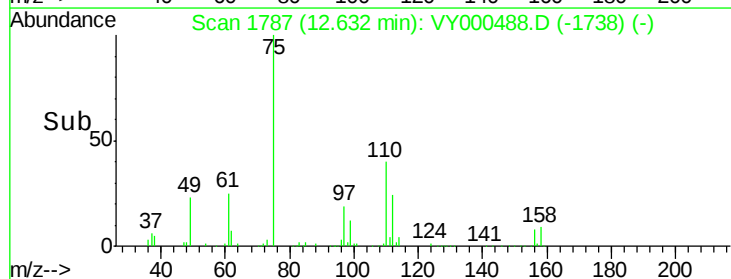
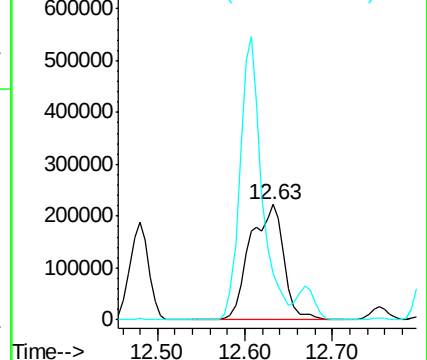
Ion Ratio Lower Upper

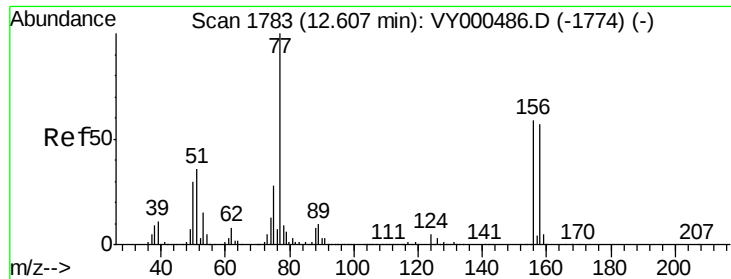
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 148.844 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

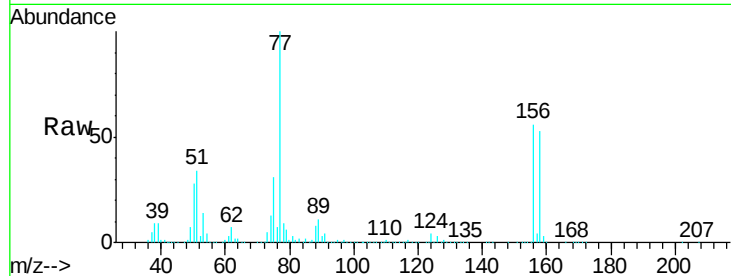
Tgt Ion:156 Resp: 471161

Ion Ratio Lower Upper

156 100

77 202.7 98.2 294.4

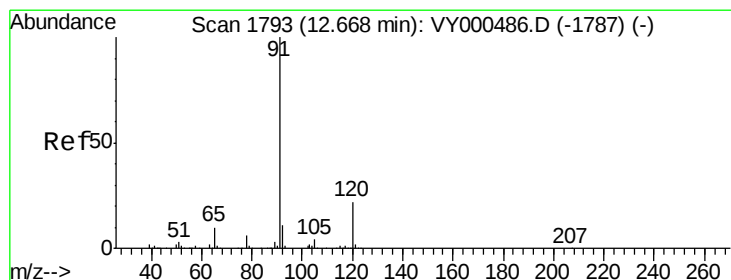
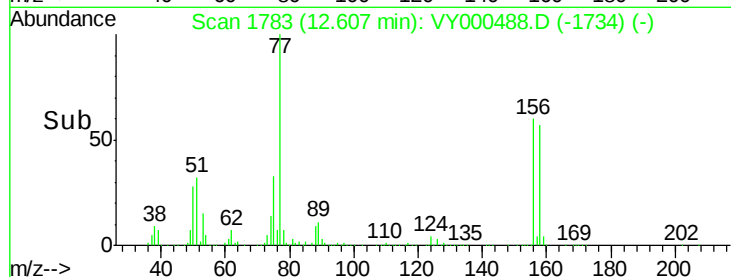
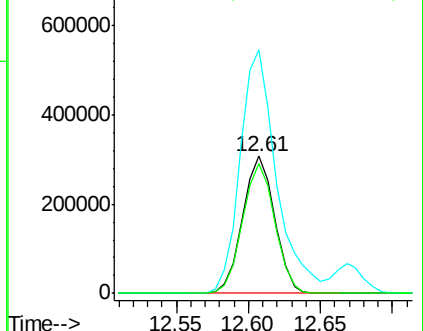
158 95.3 49.6 149.0



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: 151.977 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000488.D

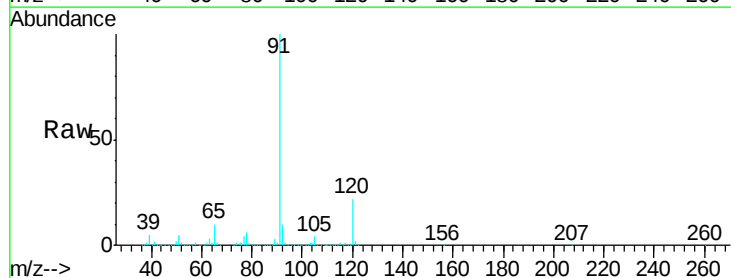
Acq: 30 Oct 2019 12:31

Tgt Ion: 91 Resp: 2559690

Ion Ratio Lower Upper

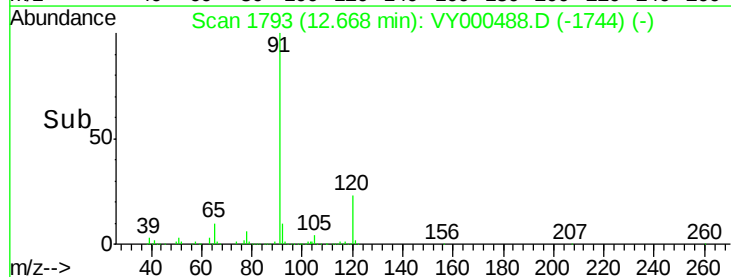
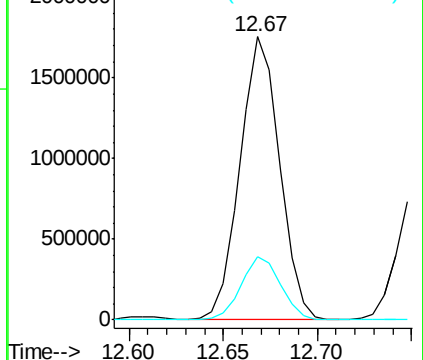
91 100

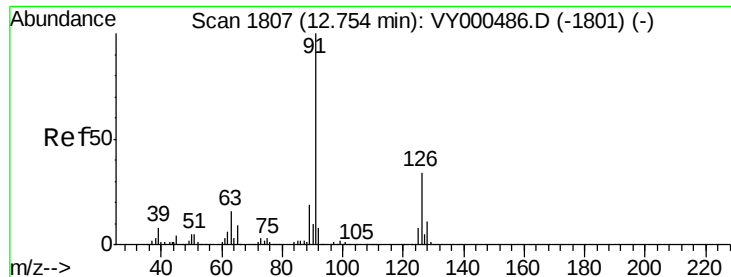
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

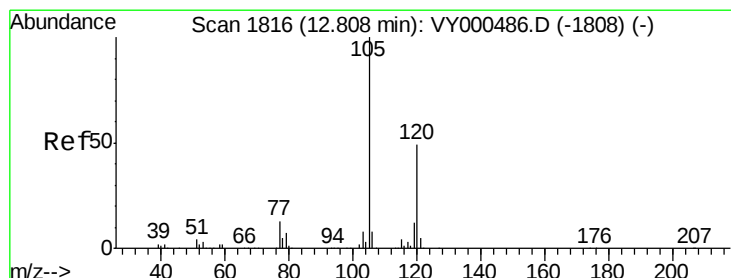
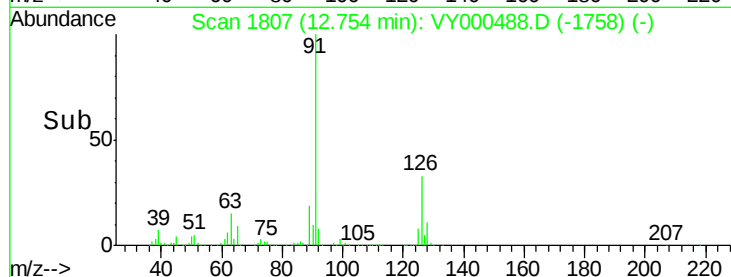
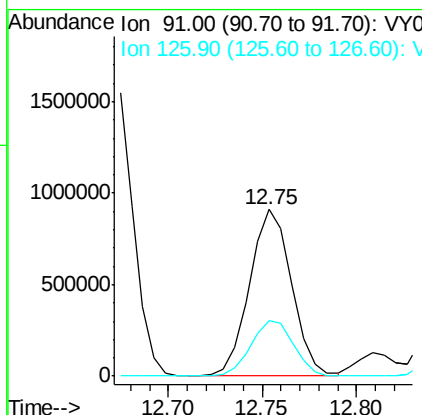
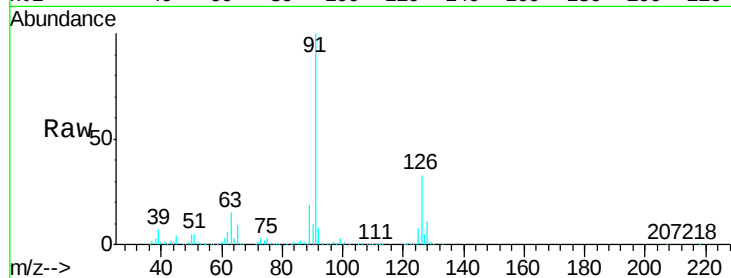




#79
 2-Chlorotoluene
 Concen: 151.039 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

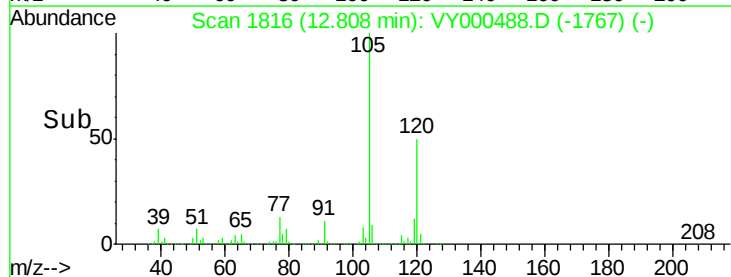
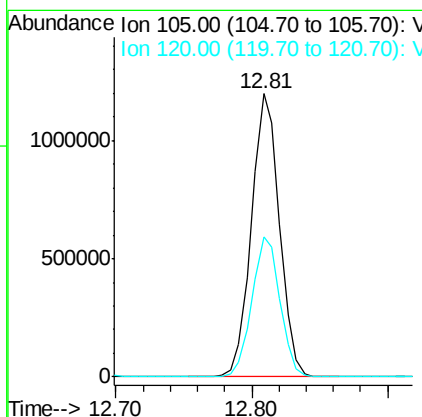
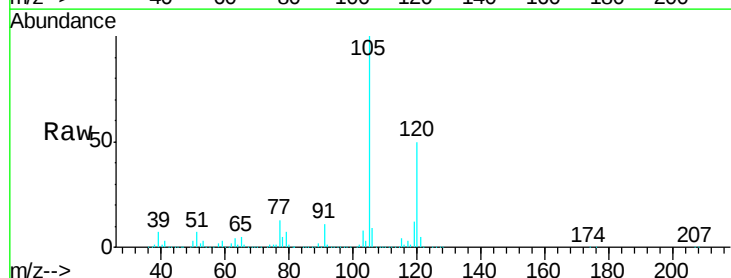
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

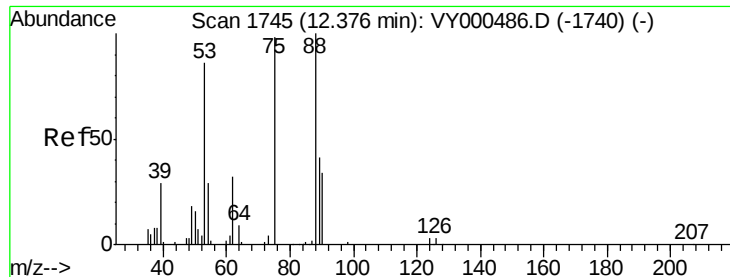
Tgt Ion: 91 Resp: 1412261
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 148.991 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 105 Resp: 1732130
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 177.519 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

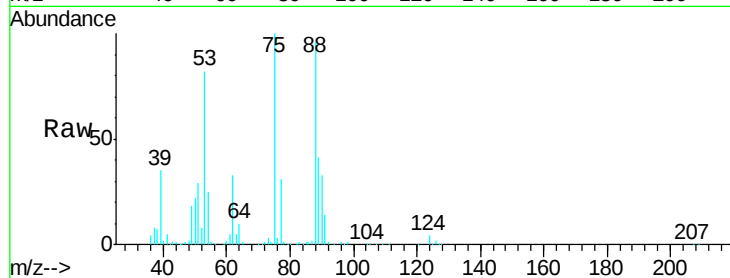
Tgt Ion: 75 Resp: 170267

Ion Ratio Lower Upper

75 100

53 83.1 73.2 109.8

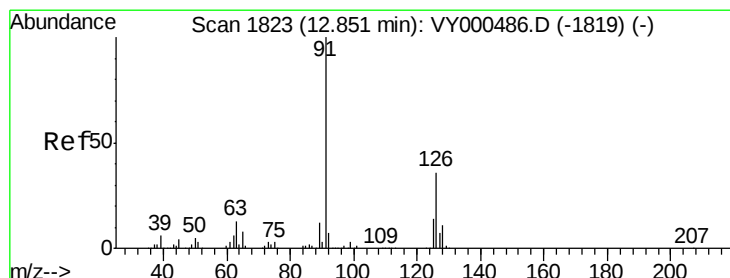
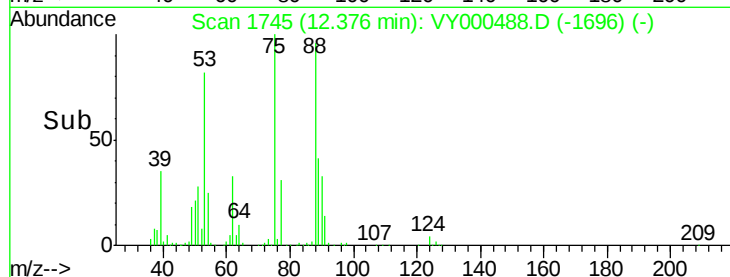
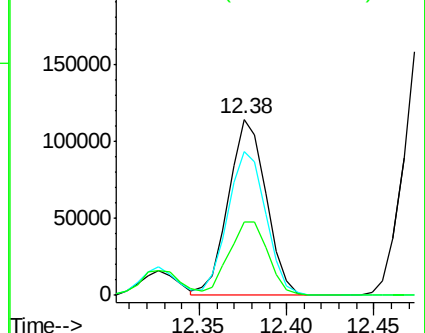
89 43.3 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 153.727 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000488.D

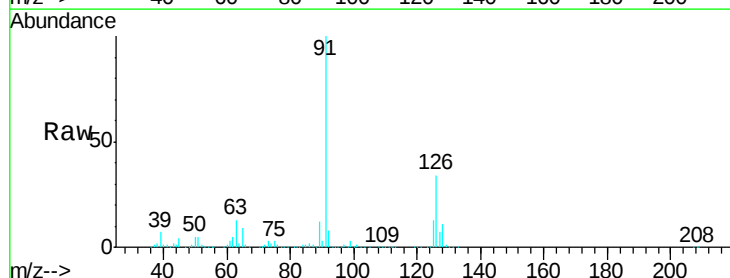
Acq: 30 Oct 2019 12:31

Tgt Ion: 91 Resp: 1489974

Ion Ratio Lower Upper

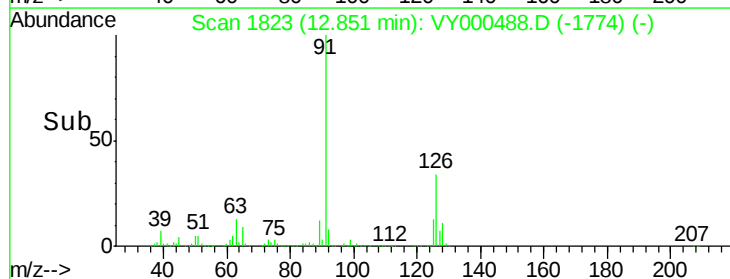
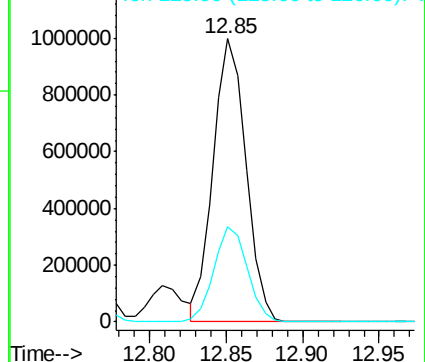
91 100

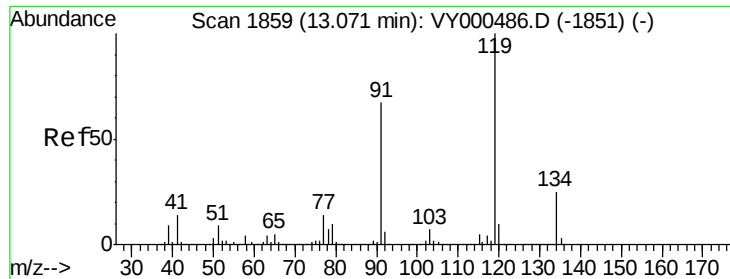
126 34.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

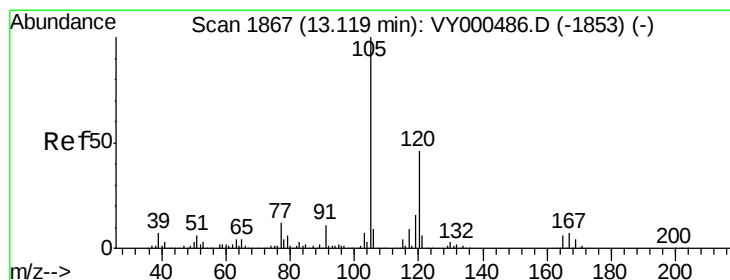
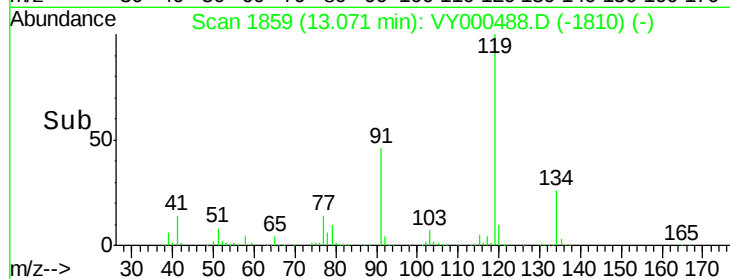
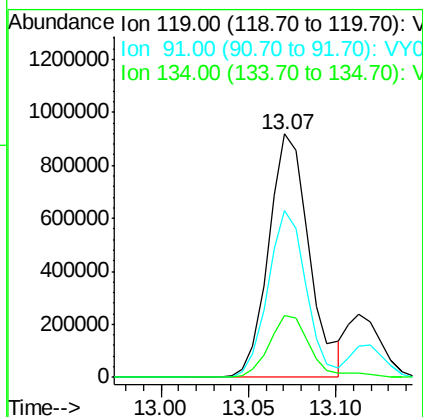
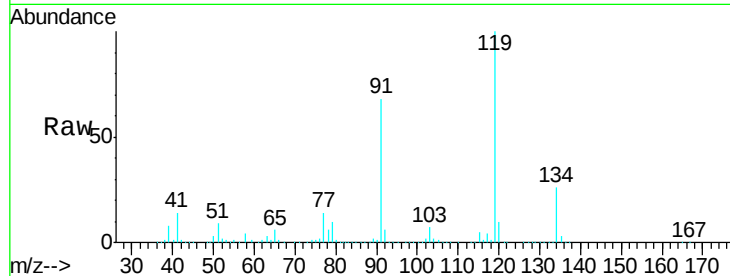




#83
 tert-Butylbenzene
 Concen: 149.461 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

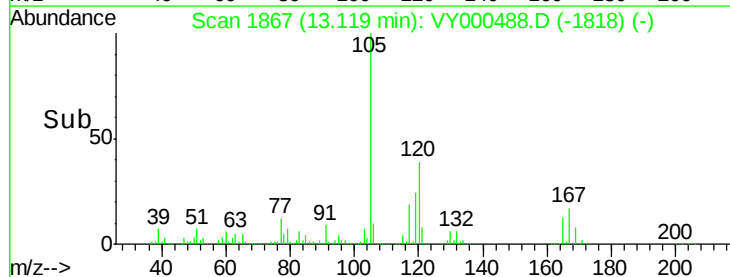
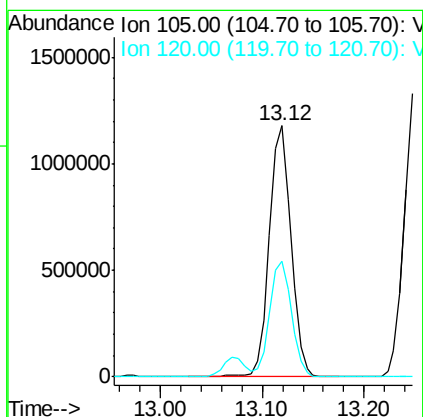
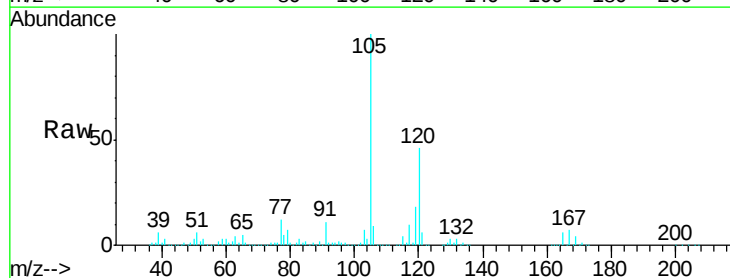
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

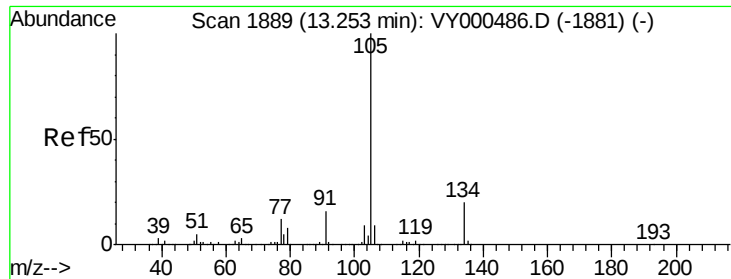
Tgt Ion:119 Resp: 1483613
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.1 96.3
 134 26.0 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 149.740 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion:105 Resp: 1733272
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9

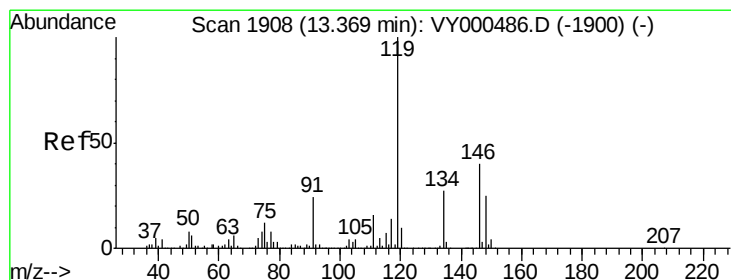
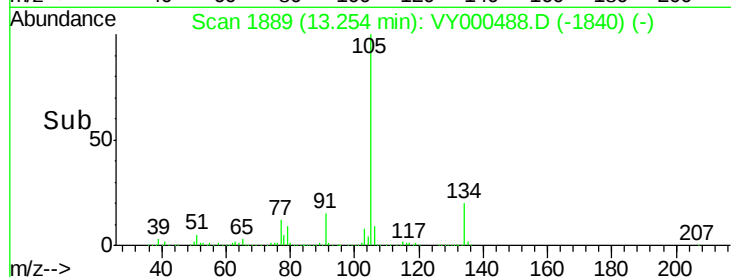
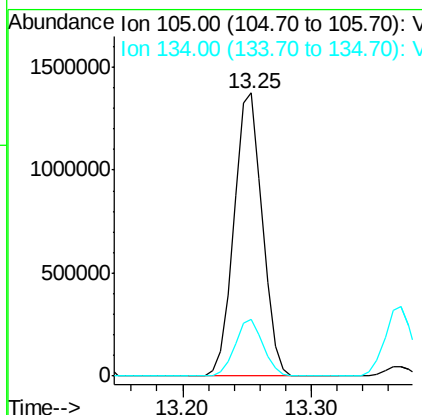
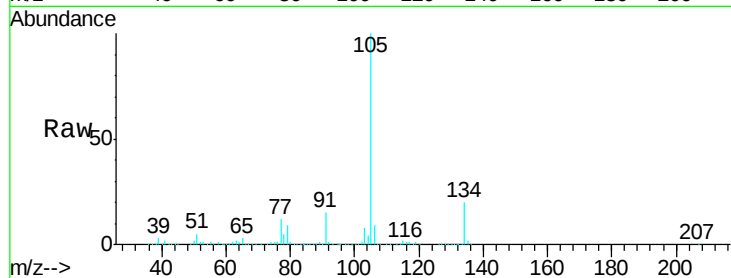




#85
 sec-Butylbenzene
 Concen: 148.050 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

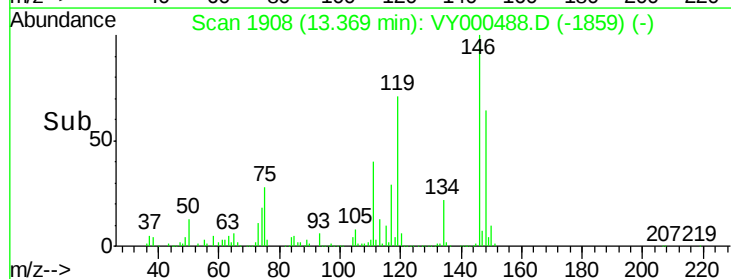
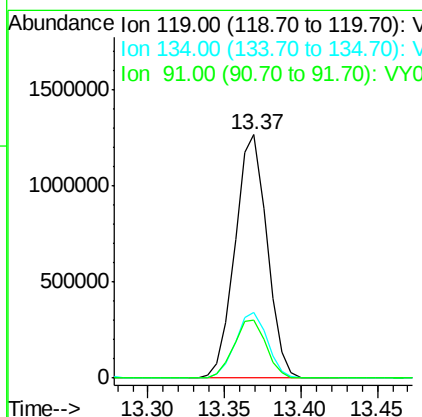
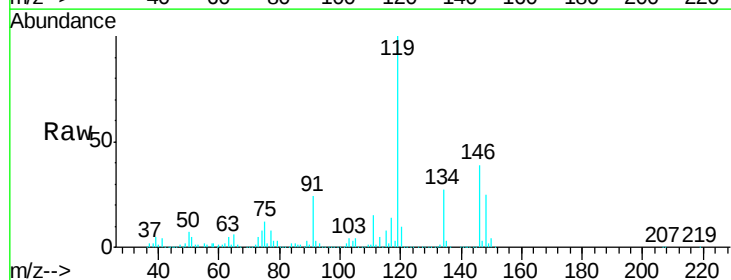
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

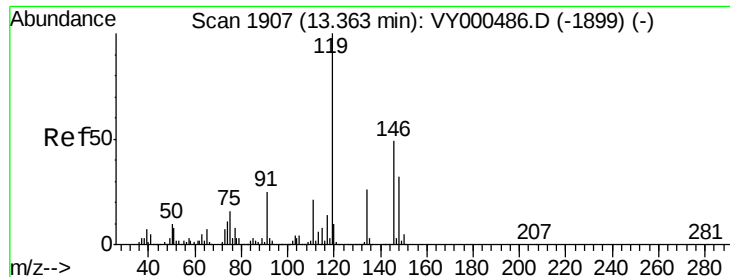
Tgt Ion:105 Resp: 2093776
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 145.439 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion:119 Resp: 1833181
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 24.2 12.0 36.1

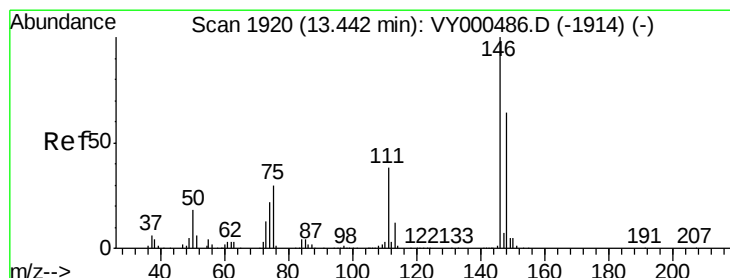
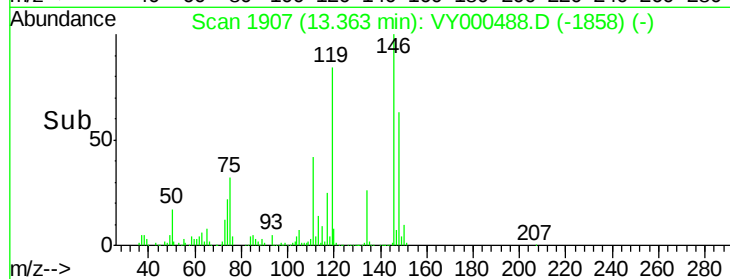
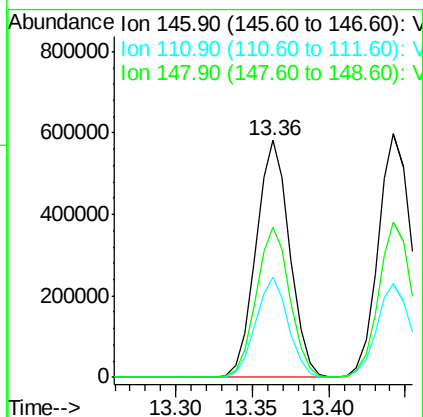
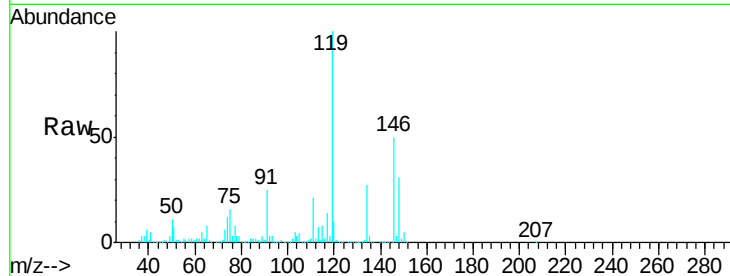




#87
 1,3-Dichlorobenzene
 Concen: 143.450 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

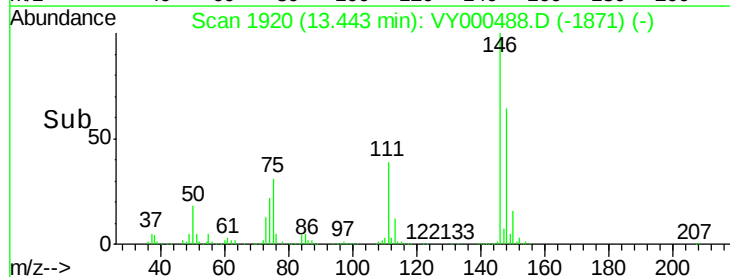
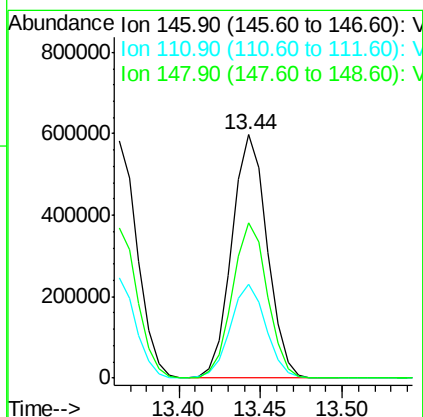
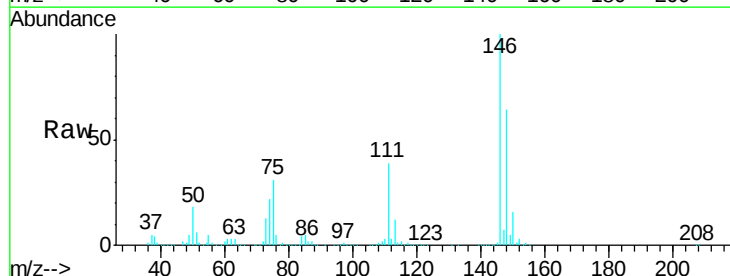
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

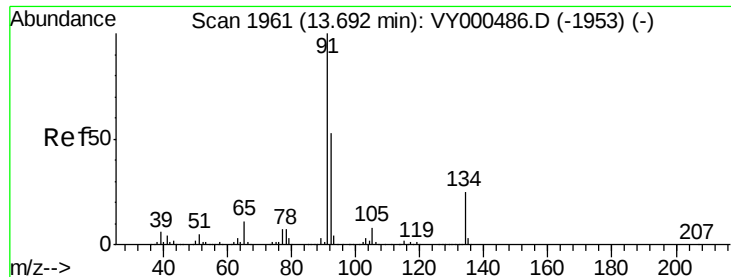
Tgt Ion:146 Resp: 889417
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 63.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 145.378 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion:146 Resp: 900710
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.7 59.0
 148 63.5 31.9 95.7

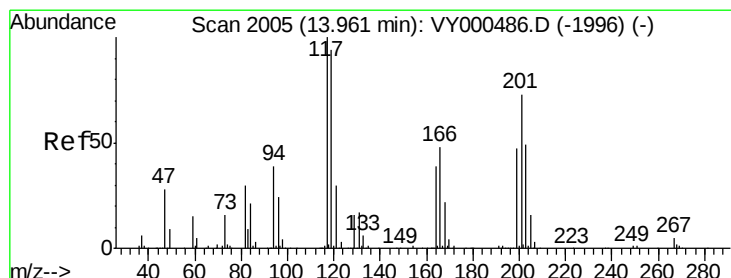
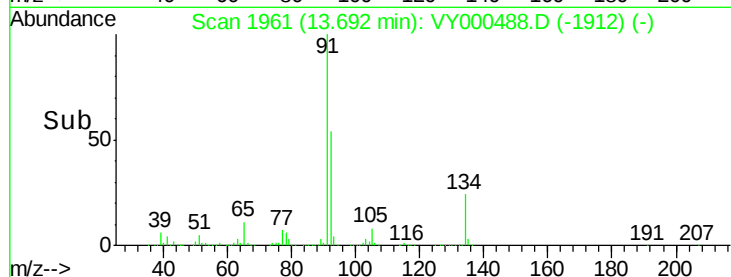
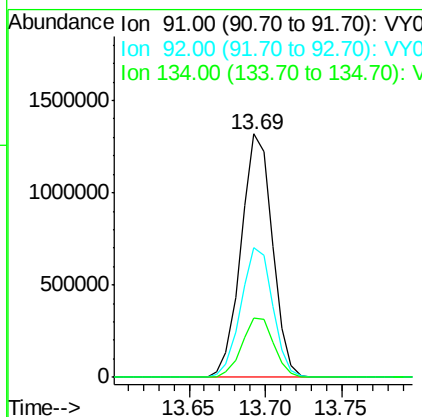
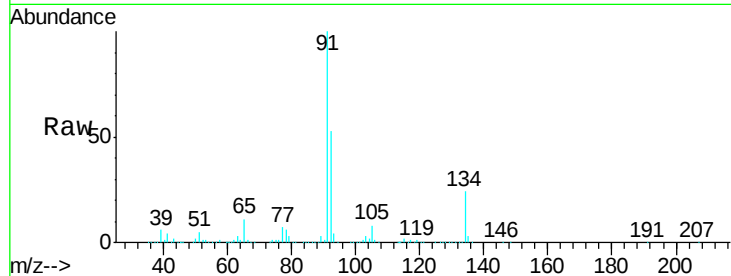




#89
n-Butylbenzene
Concen: 150.752 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

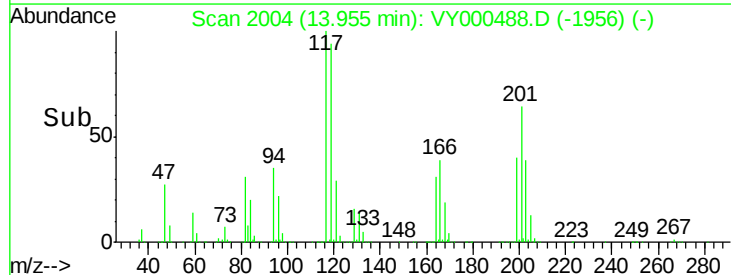
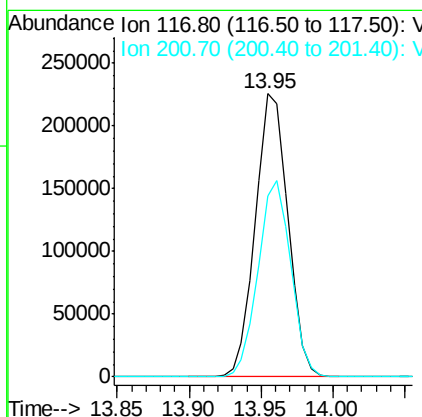
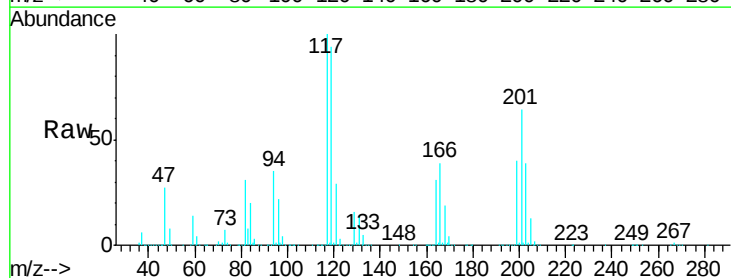
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

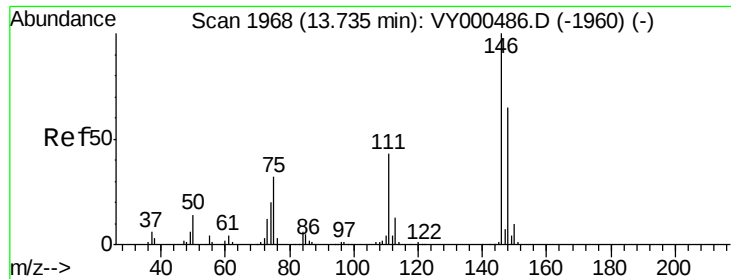
Tgt Ion: 91 Resp: 1874113
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 151.524 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000488.D
Acq: 30 Oct 2019 12:31

Tgt Ion: 117 Resp: 353078
Ion Ratio Lower Upper
117 100
201 69.6 35.8 107.3

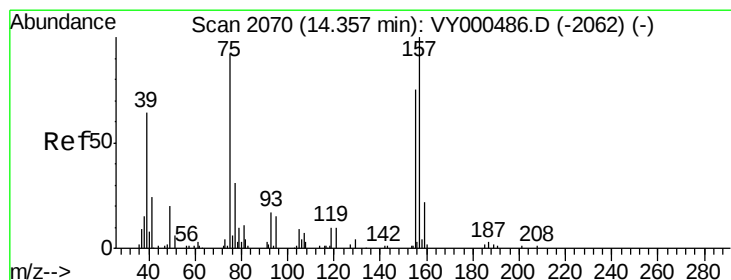
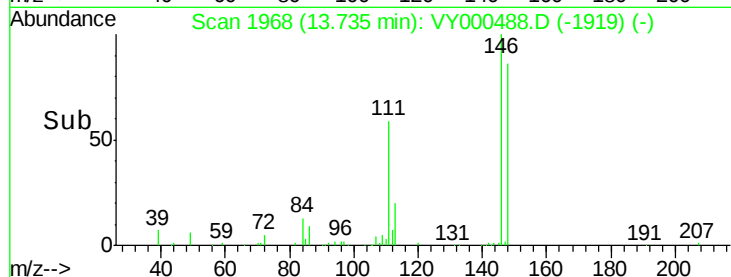
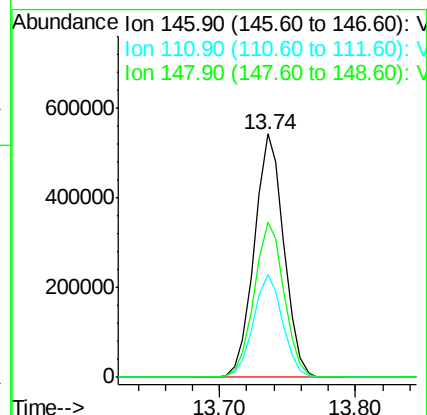
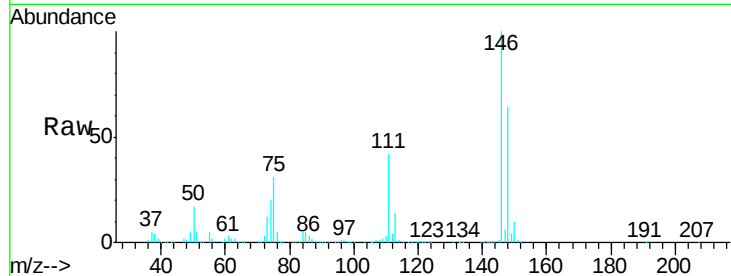




#91
 1,2-Dichlorobenzene
 Concen: 147.233 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

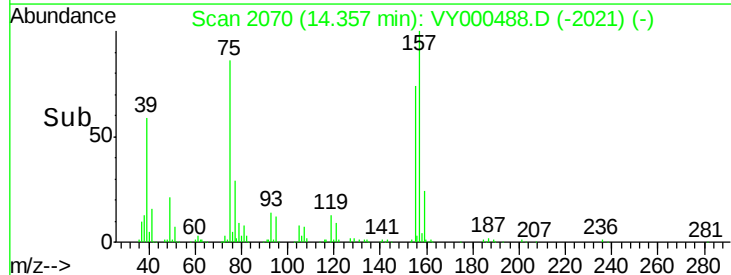
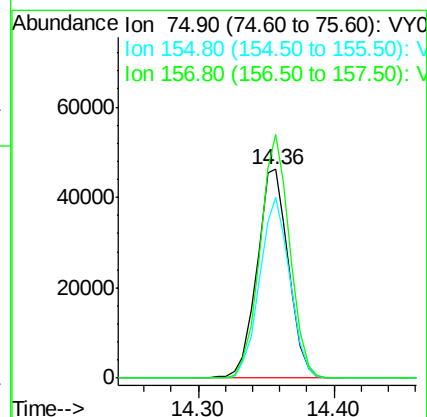
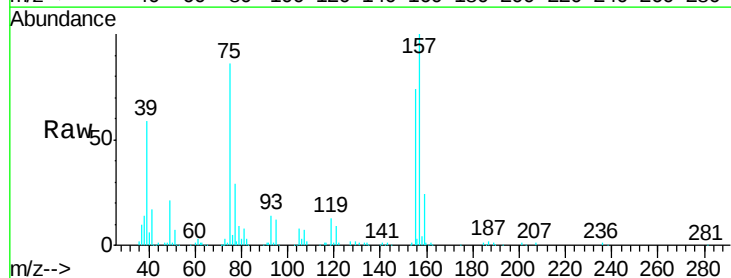
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

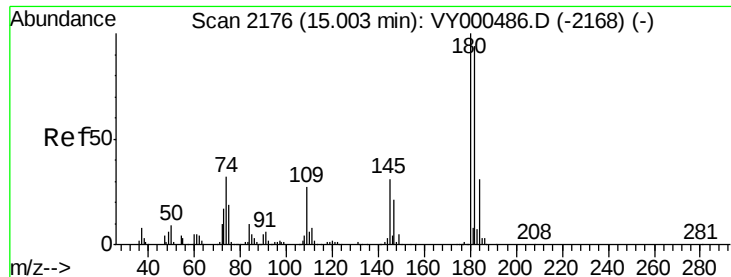
Tgt Ion:146 Resp: 828256
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.049 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion: 75 Resp: 74864
 Ion Ratio Lower Upper
 75 100
 155 83.2 42.4 127.1
 157 109.7 55.1 165.3

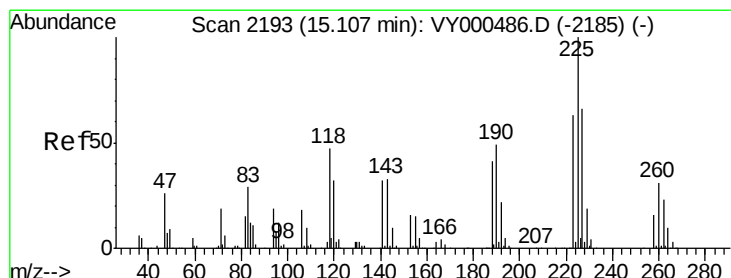
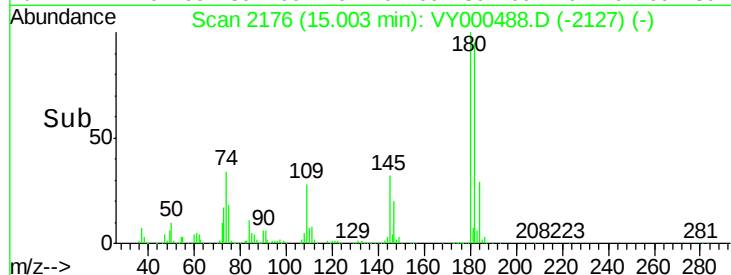
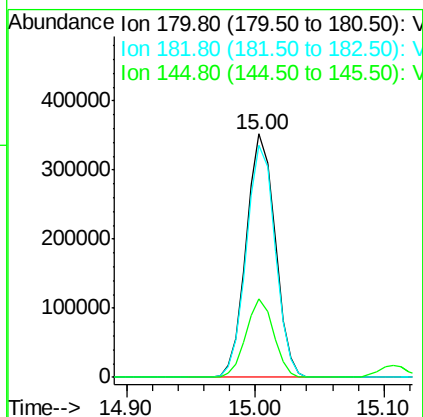
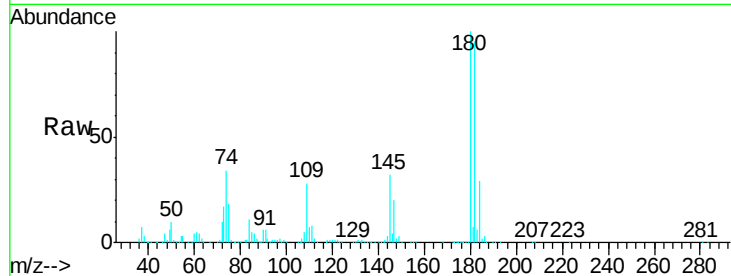




#93
 1,2,4-Trichlorobenzene
 Concen: 141.886 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

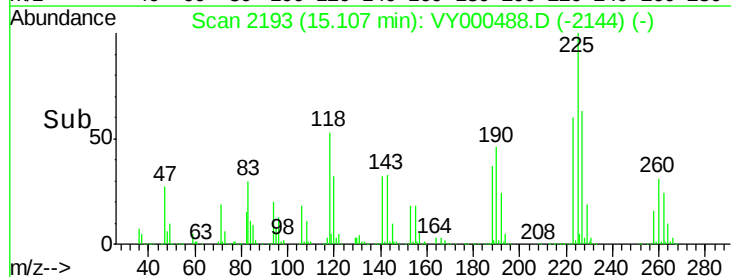
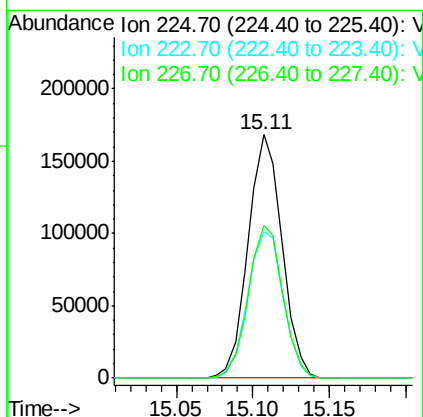
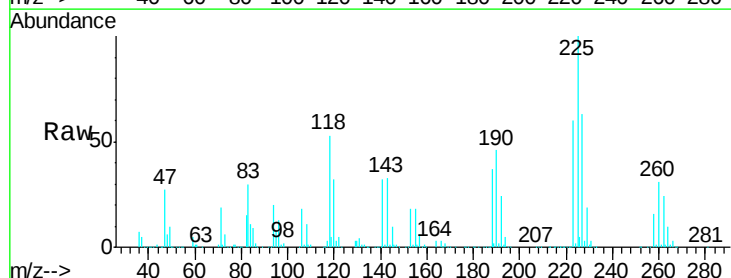
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

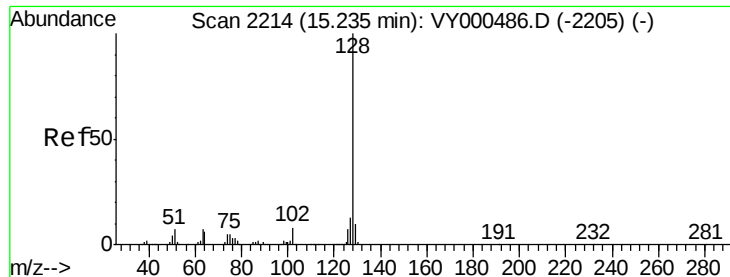
Tgt Ion:180 Resp: 543475
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 31.1 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 131.501 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000488.D
 Acq: 30 Oct 2019 12:31

Tgt Ion:225 Resp: 259647
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.9 32.4 97.0





#95

Naphthalene

Concen: 151.424 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

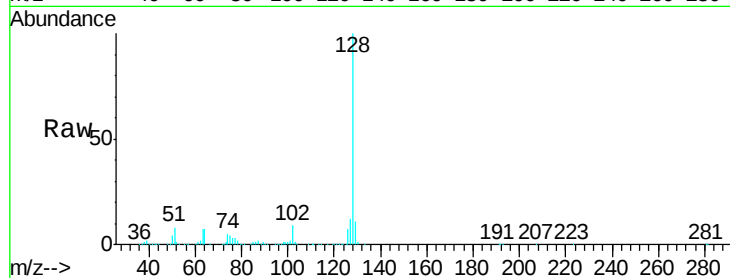
Tgt Ion:128 Resp: 1287579

Ion Ratio Lower Upper

128 100

127 12.5 9.8 14.6

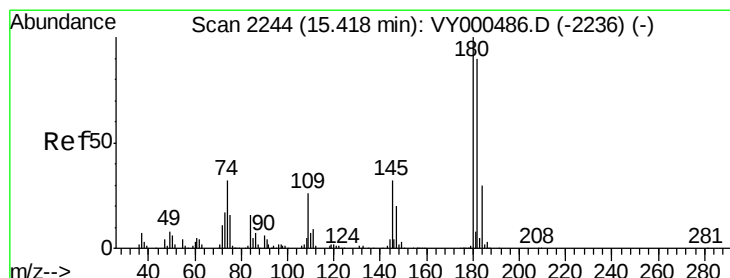
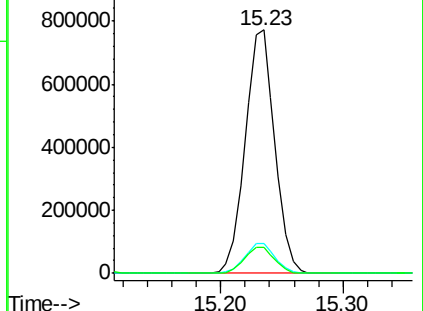
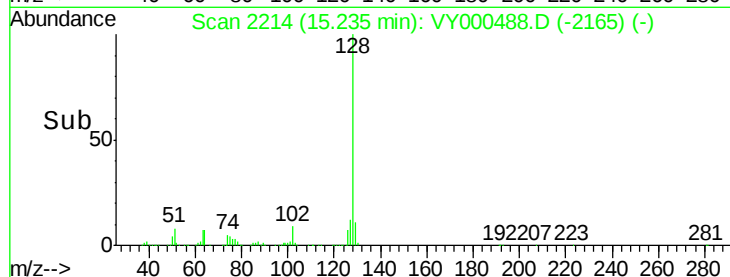
129 11.0 8.7 13.1



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: 144.675 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000488.D

Acq: 30 Oct 2019 12:31

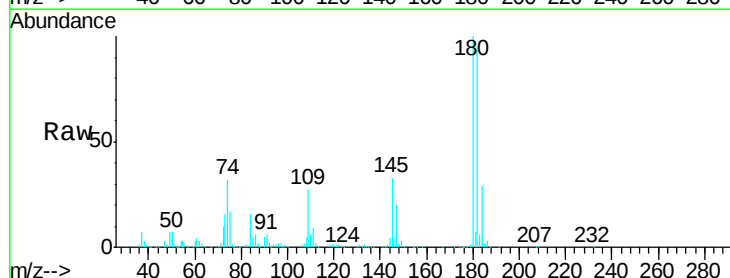
Tgt Ion:180 Resp: 497168

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 32.9 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

