

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
 Data File : VY000495.D
 Acq On : 30 Oct 2019 17:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 02:12:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	447742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138631	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.73	113	126074	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.18	98	518442	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.48	95	184917	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	140399	52.399	ug/l	99
3) Chloromethane	2.11	50	190083	51.498	ug/l	96
4) Vinyl Chloride	2.25	62	178446	52.062	ug/l	99
5) Bromomethane	2.65	94	103325	50.270	ug/l	99
6) Chloroethane	2.79	64	110634	51.573	ug/l	96
7) Trichlorofluoromethane	3.13	101	231007	49.905	ug/l	96
8) Diethyl Ether	3.54	74	84305	51.257	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	141724	50.643	ug/l	97
10) Methyl Iodide	4.10	142	190627	51.639	ug/l	99
11) Tert butyl alcohol	4.97	59	68355	249.291	ug/l	99
12) 1,1-Dichloroethene	3.88	96	137601	50.610	ug/l	96
13) Acrolein	3.74	56	59292	248.248	ug/l	98
14) Allyl chloride	4.49	41	238603	53.970	ug/l	98
15) Acrylonitrile	5.18	53	219070	260.006	ug/l	99
16) Acetone	3.96	43	208038	267.972	ug/l	99
17) Carbon Disulfide	4.19	76	442097	51.554	ug/l	97
18) Methyl Acetate	4.49	43	121159	50.192	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	394809	52.227	ug/l	100
20) Methylene Chloride	4.72	84	159619	47.983	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	157525	51.248	ug/l	97
22) Diisopropyl ether	6.13	45	527675	54.913	ug/l	97
23) Vinyl Acetate	6.07	43	1647182	271.547	ug/l	99
24) 1,1-Dichloroethane	6.03	63	273402	52.519	ug/l	98
25) 2-Butanone	7.00	43	323457	261.064	ug/l	99
26) 2,2-Dichloropropane	6.99	77	237585	49.940	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	174195	51.827	ug/l	98
28) Bromochloromethane	7.35	49	119646	50.363	ug/l	95
29) Tetrahydrofuran	7.36	42	199805	263.606	ug/l	99
30) Chloroform	7.52	83	268485	50.983	ug/l	96
31) Cyclohexane	7.79	56	268093	49.169	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	237881	50.684	ug/l	99
36) 1,1-Dichloropropene	7.93	75	220800	52.165	ug/l	99
37) Ethyl Acetate	7.08	43	132078	52.558	ug/l	99
38) Carbon Tetrachloride	7.91	117	209352	51.402	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	282404	51.643	ug/l	96
40) Benzene	8.17	78	640596	51.622	ug/l	99
41) Methacrylonitrile	7.35	41	177727	126.776	ug/l #	58
42) 1,2-Dichloroethane	8.25	62	186660	53.034	ug/l	100
43) Isopropyl Acetate	8.28	43	253399	53.679	ug/l	99
44) Trichloroethene	8.95	130	164381	50.240	ug/l	100
45) 1,2-Dichloropropane	9.22	63	162061	53.062	ug/l	93
46) Dibromomethane	9.31	93	87301	51.975	ug/l	100
47) Bromodichloromethane	9.50	83	212108	53.219	ug/l	97
48) Methyl methacrylate	9.30	41	113300	54.931	ug/l	96
49) 1,4-Dioxane	9.30	88	24907	1101.784	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	675138	268.994	ug/l	98
52) Toluene	10.25	92	411202	52.412	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	234402	55.043	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	266529	54.632	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	131781	54.243	ug/l	94
56) Ethyl methacrylate	10.51	69	192164	55.807	ug/l	100
57) 1,3-Dichloropropane	10.79	76	229099	53.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	392990	252.450	ug/l	99
59) 2-Hexanone	10.83	43	500168	273.515	ug/l	100
60) Dibromochloromethane	10.99	129	146151	52.520	ug/l	100
61) 1,2-Dibromoethane	11.09	107	124733	53.398	ug/l	99
64) Tetrachloroethene	10.72	164	162222	48.177	ug/l	97
65) Chlorobenzene	11.52	112	432630	52.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	152799	53.363	ug/l	98
67) Ethyl Benzene	11.60	91	802330	52.802	ug/l	99
68) m/p-Xylenes	11.70	106	612253	104.104	ug/l	96
69) o-Xylene	12.03	106	289441	52.366	ug/l	99
70) Styrene	12.04	104	508415	53.717	ug/l	99
71) Bromoform	12.20	173	90278	54.815	ug/l #	98
73) Isopropylbenzene	12.33	105	784693	50.720	ug/l	100
74) N-amyl acetate	12.14	43	241413	54.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	161205	52.625	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	215663	90.482	ug/l #	100
77) Bromobenzene	12.61	156	174904	49.854	ug/l	96
78) n-propylbenzene	12.67	91	951400	50.967	ug/l	100
79) 2-Chlorotoluene	12.75	91	531084	51.248	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	660842	51.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	59739	56.196	ug/l	94
82) 4-Chlorotoluene	12.85	91	564908	52.588	ug/l	98
83) tert-Butylbenzene	13.07	119	560352	50.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	664439	51.792	ug/l	99
85) sec-Butylbenzene	13.25	105	812414	51.831	ug/l	100
86) p-Isopropyltoluene	13.37	119	711389	50.924	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	344424	50.122	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	346170	50.413	ug/l	99
89) n-Butylbenzene	13.69	91	715680	51.942	ug/l	99
90) Hexachloroethane	13.96	117	137122	53.095	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	316234	50.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26983	49.772	ug/l	97

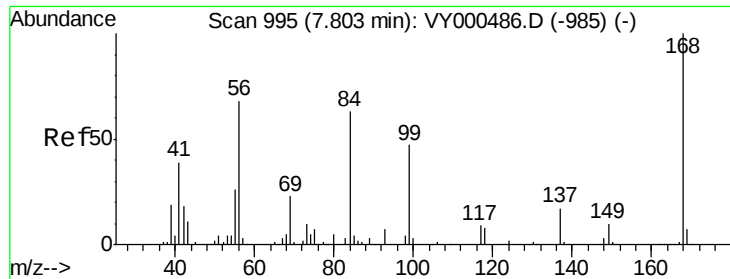
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	216099	50.903	ug/l	99
94) Hexachlorobutadiene	15.11	225	109677	50.119	ug/l	98
95) Naphthalene	15.23	128	481890	51.133	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	195718	51.387	ug/l	98

(#) = 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: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

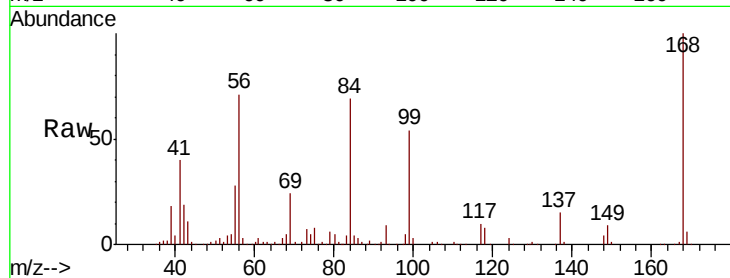
VSTDCCC050EC

Tot Ion:168 Resp: 272189

Ion Ratio Lower Upper

168 100

99 53.6 45.7 68.5



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

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

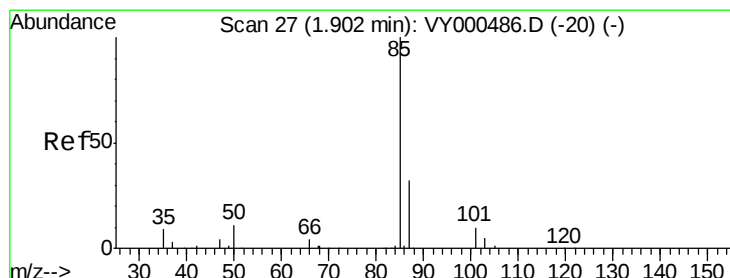
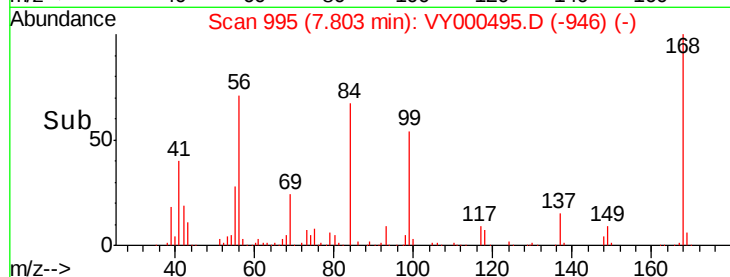
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.399 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000495.D

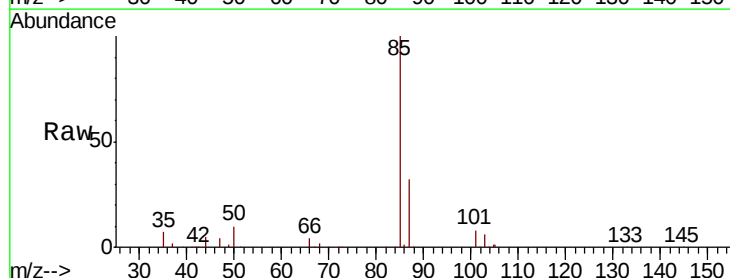
Acq: 30 Oct 2019 17:46

Tgt Ion: 85 Resp: 140399

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



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

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

1.90

100000

80000

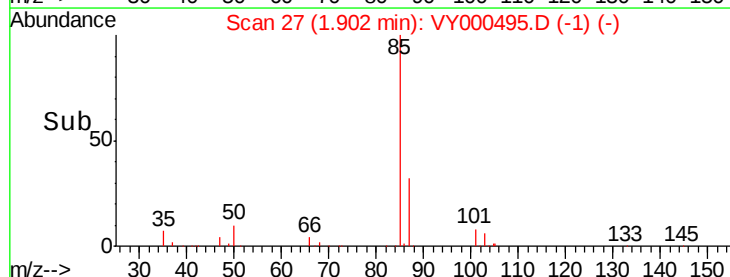
60000

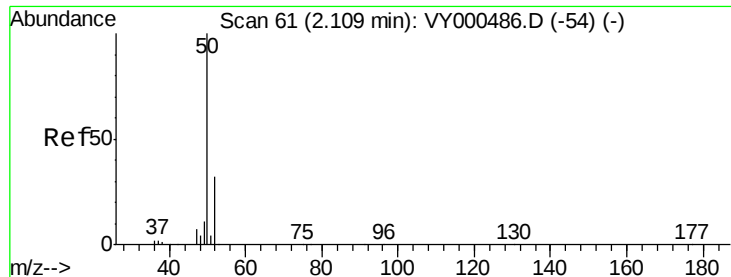
40000

20000

0

Time-->





#3

Chloromethane

Concen: 51.498 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

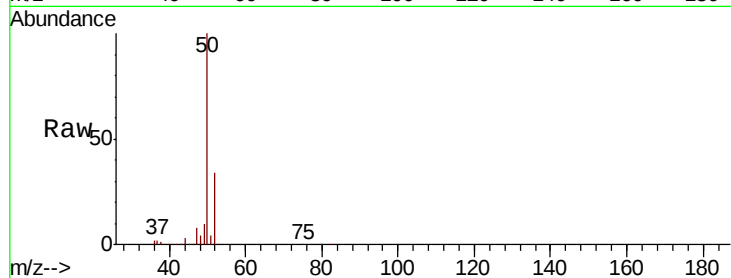
VSTDCCC050EC

Tot Ion: 50 Resp: 190083

Ion Ratio Lower Upper

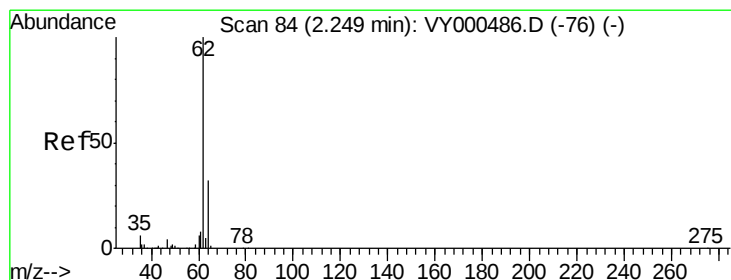
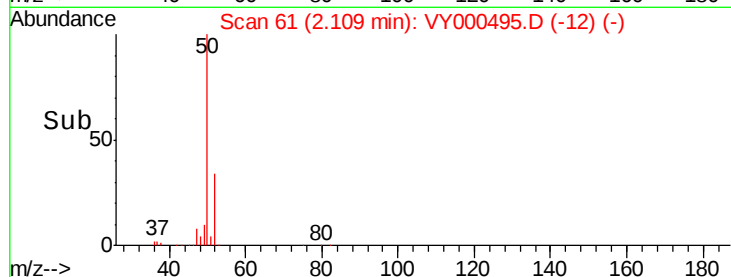
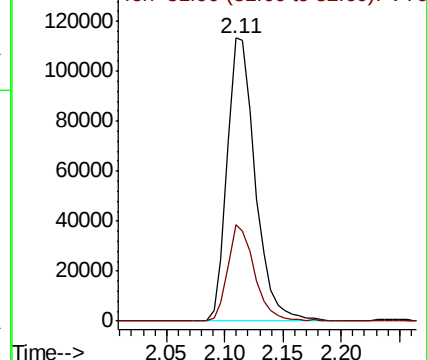
50 100

52 34.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.062 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000495.D

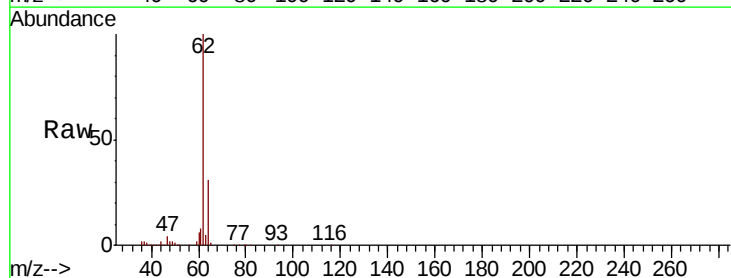
Acq: 30 Oct 2019 17:46

Tgt Ion: 62 Resp: 178446

Ion Ratio Lower Upper

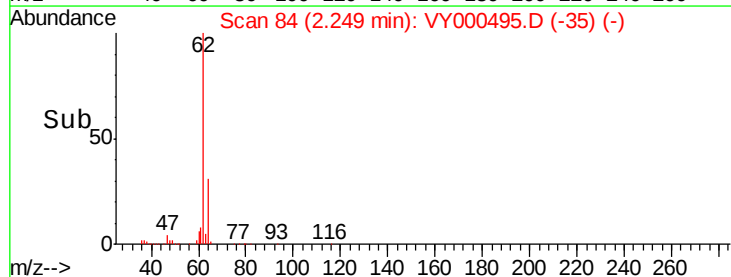
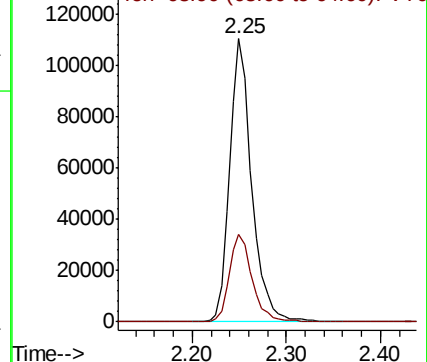
62 100

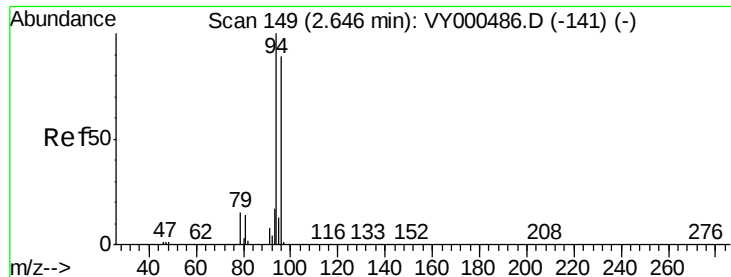
64 30.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.270 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

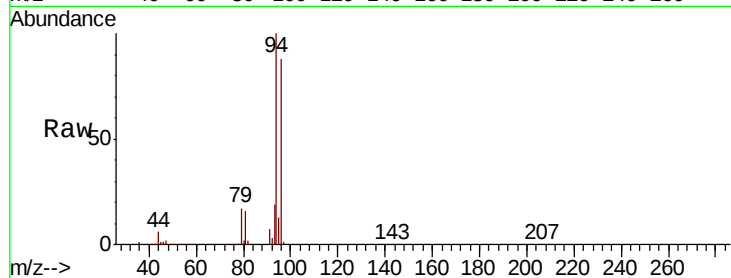
VSTDCCC050EC

Tot Ion: 94 Resp: 103325

Ion Ratio Lower Upper

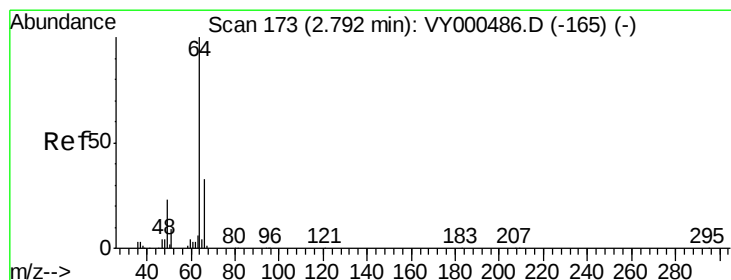
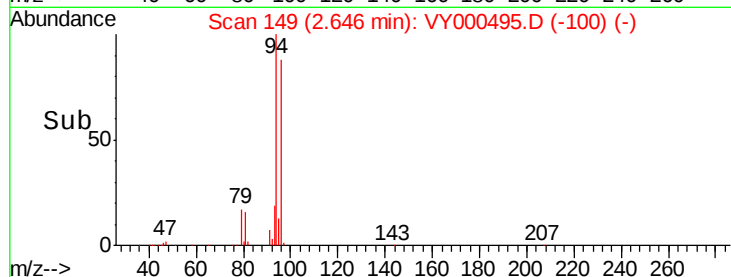
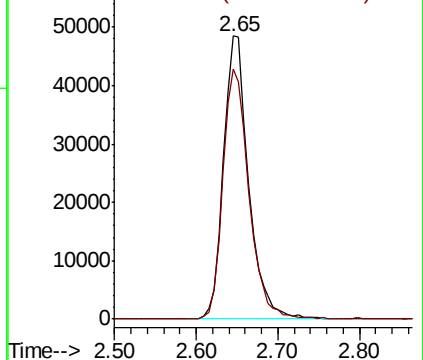
94 100

96 88.4 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: 51.573 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000495.D

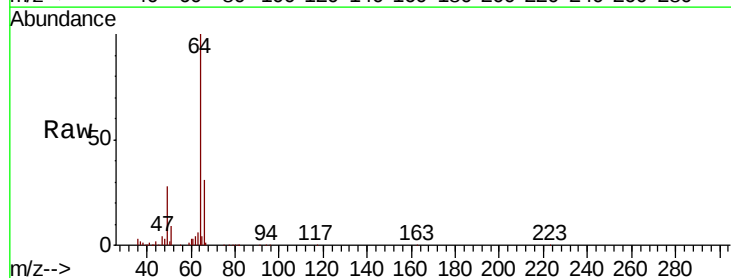
Acq: 30 Oct 2019 17:46

Tgt Ion: 64 Resp: 110634

Ion Ratio Lower Upper

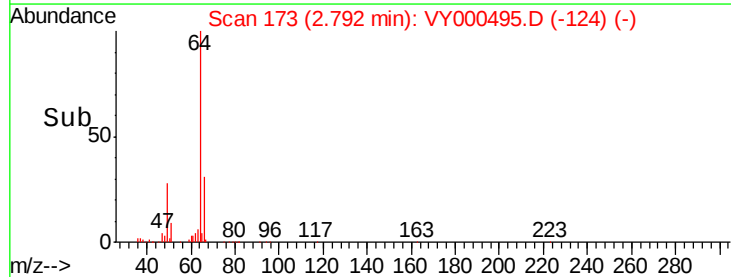
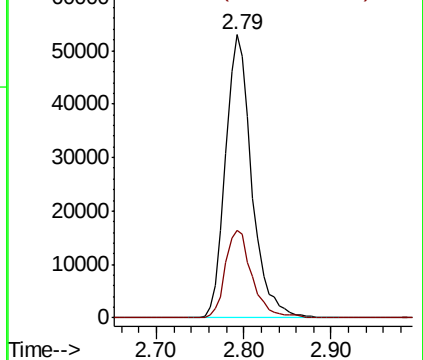
64 100

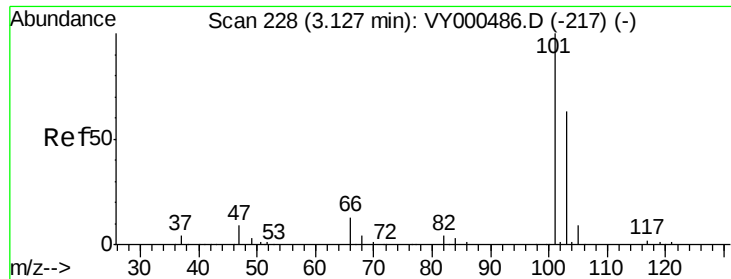
66 30.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



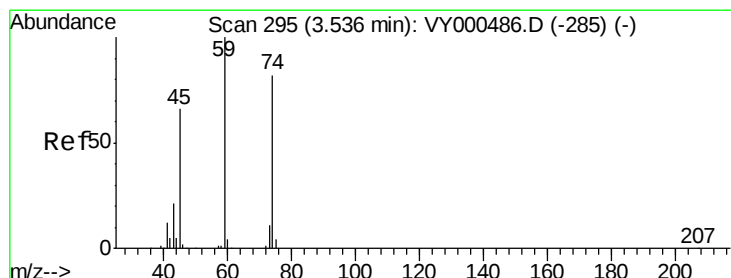
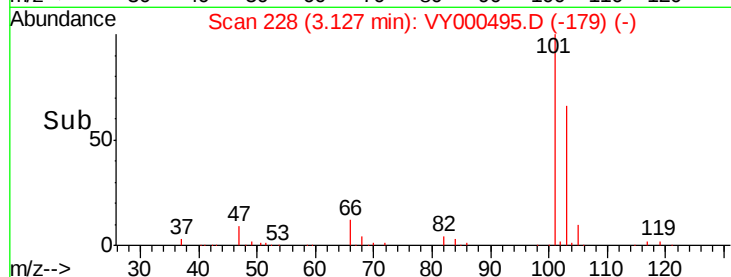
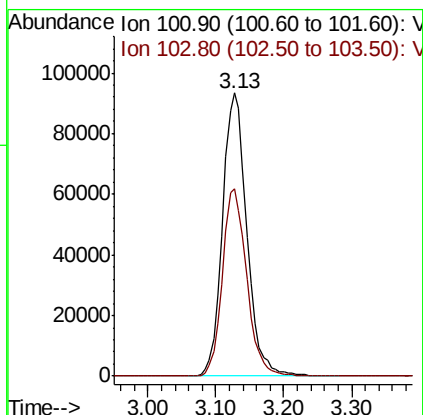
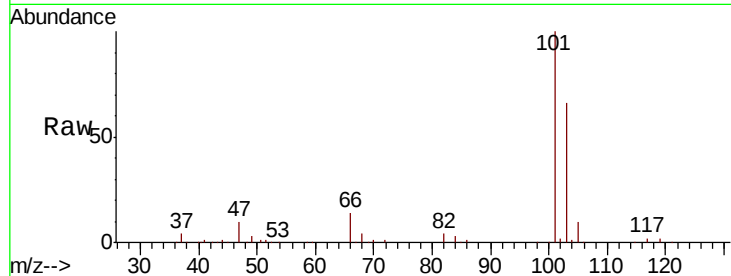


#7

Trichlorofluoromethane
 Concen: 49.905 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
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 VSTDCCC050EC

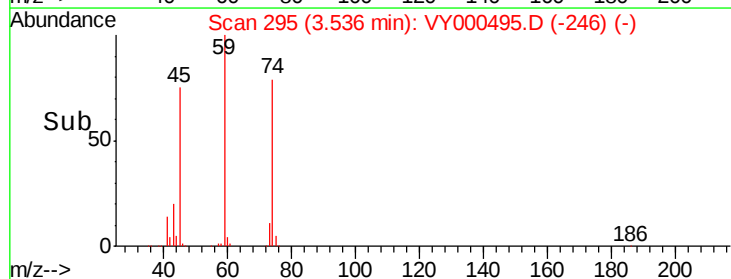
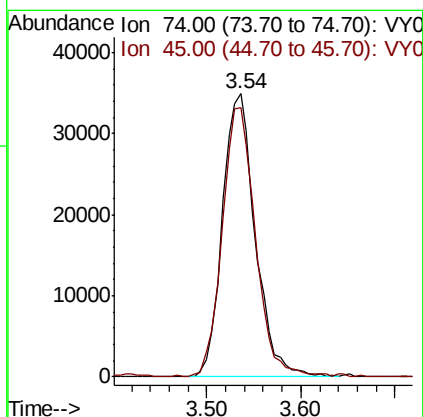
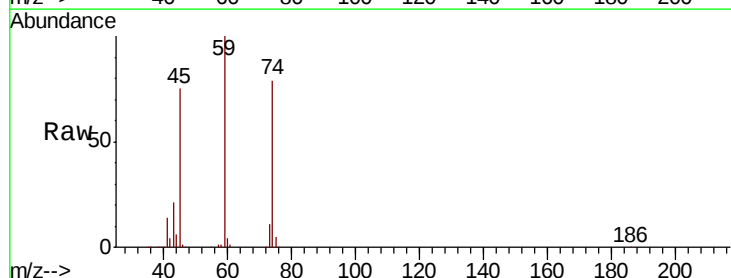
Tot Ion:101 Resp: 231007
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.5 75.7

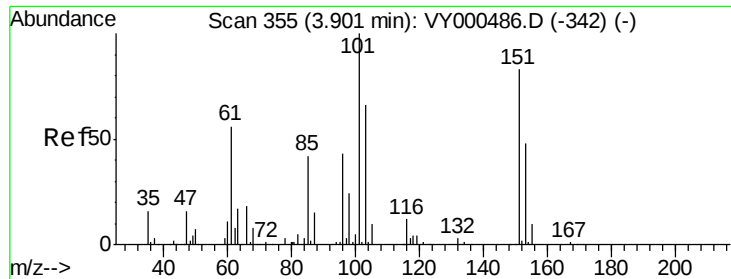


#8

Diethyl Ether
 Concen: 51.257 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 74 Resp: 84305
 Ion Ratio Lower Upper
 74 100
 45 96.5 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.643 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

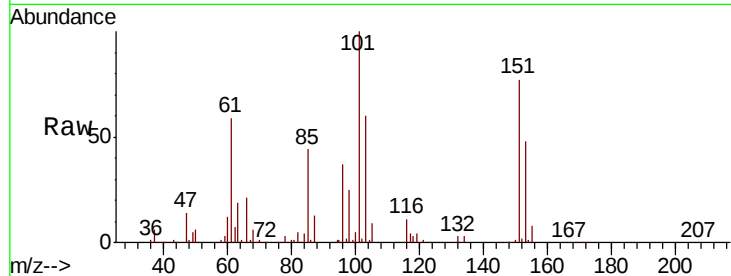
Tot Ion:101 Resp: 141724

Ion Ratio Lower Upper

101 100

85 44.6 36.7 55.1

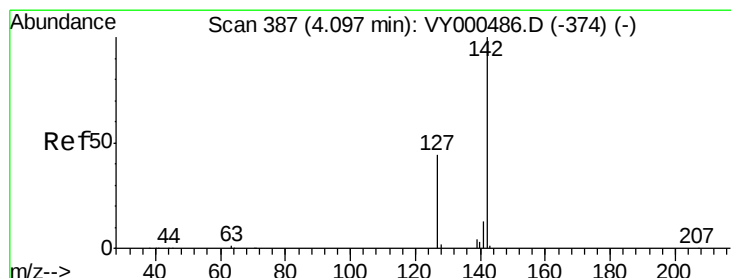
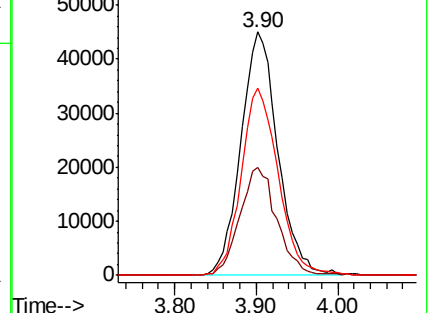
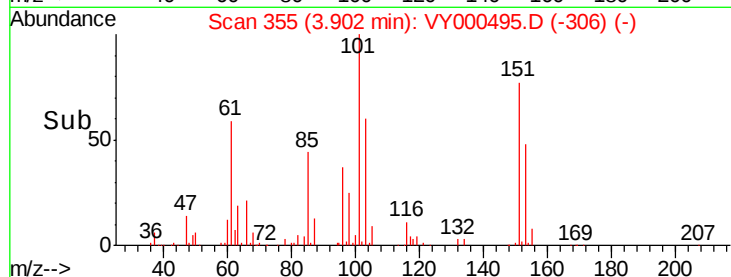
151 77.0 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.639 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

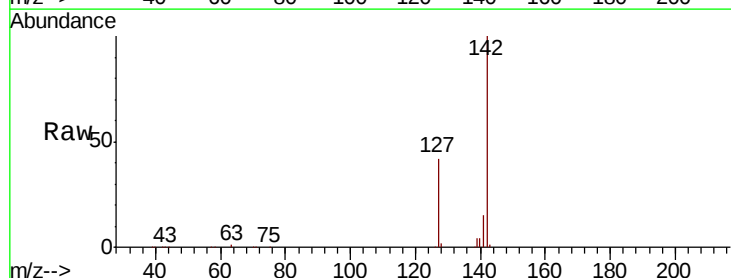
Tgt Ion:142 Resp: 190627

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

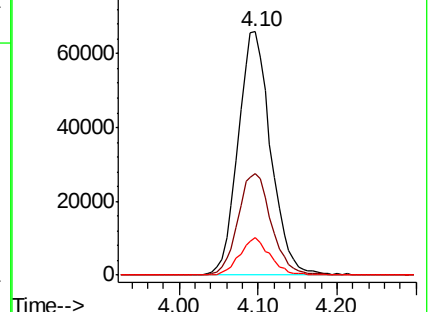
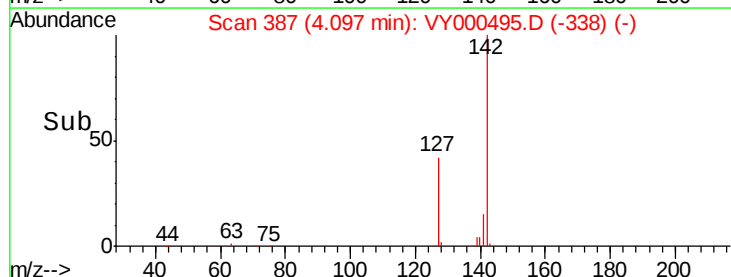
141 14.1 10.9 16.3

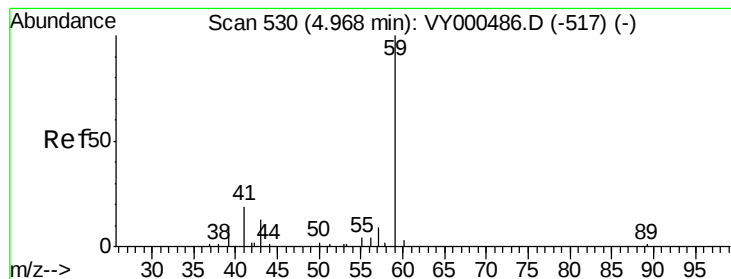


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



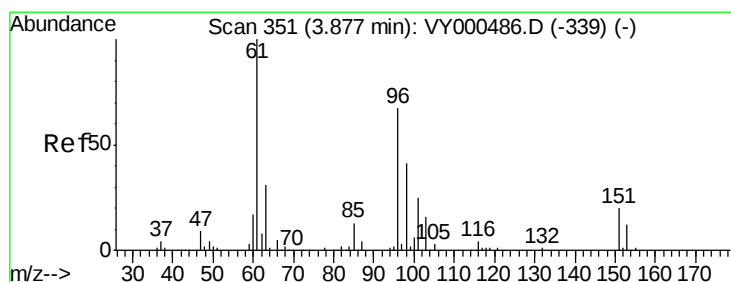
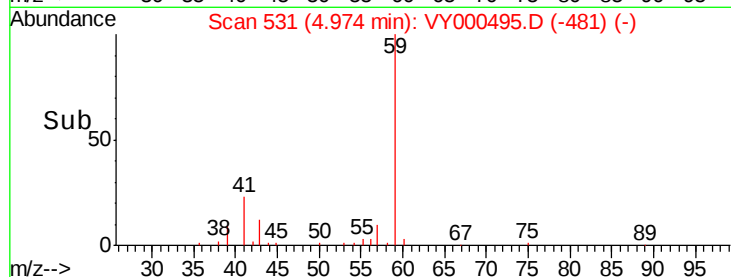
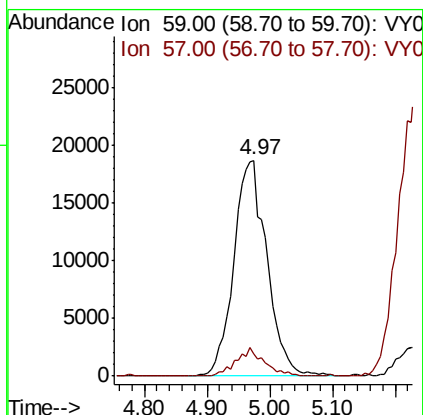
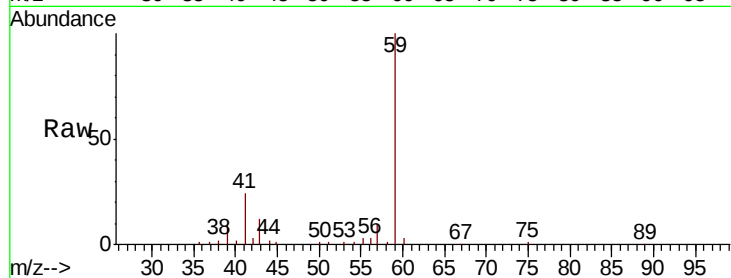


#11

Tert butyl alcohol
Concen: 249.291 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

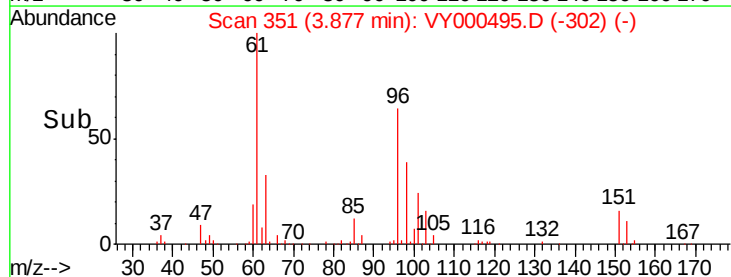
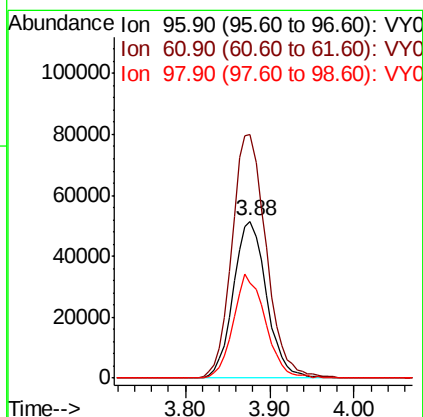
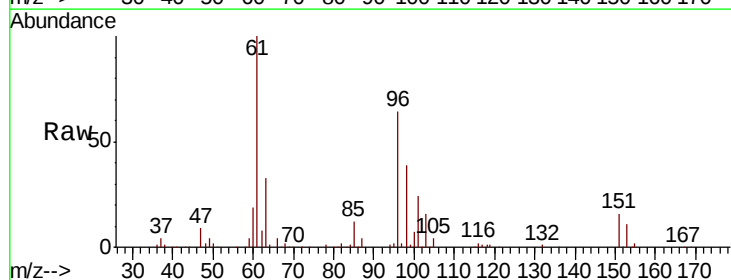
Tot Ion: 59 Resp: 68355
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

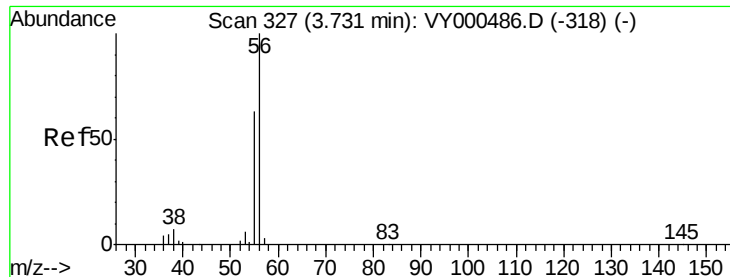


#12

1,1-Dichloroethene
Concen: 50.610 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 96 Resp: 137601
Ion Ratio Lower Upper
96 100
61 155.5 119.2 178.8
98 60.4 48.6 73.0





#13

Acrolein

Concen: 248.248 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

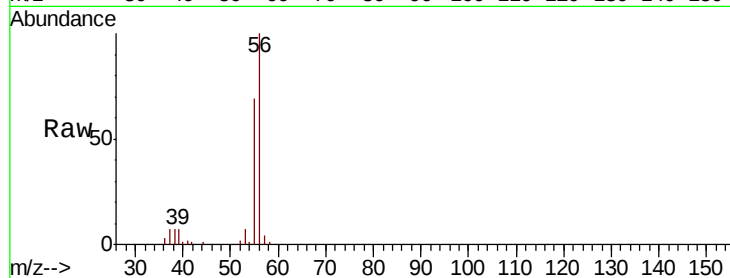
VSTDCCC050EC

Tot Ion: 56 Resp: 59292

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

25000

20000

15000

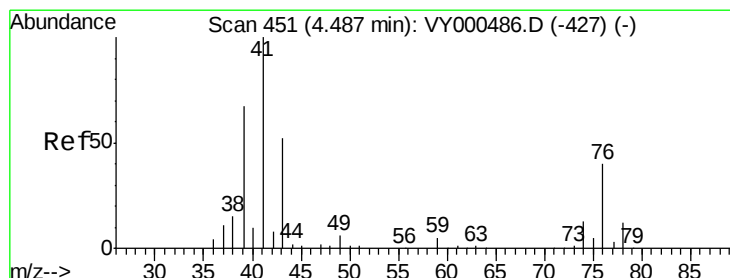
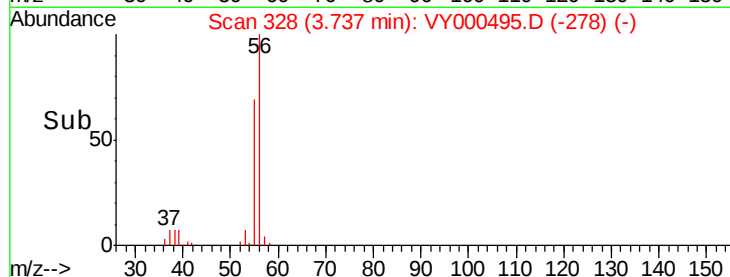
10000

5000

0

Time-->

3.60 3.70 3.80



#14

Allyl chloride

Concen: 53.970 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

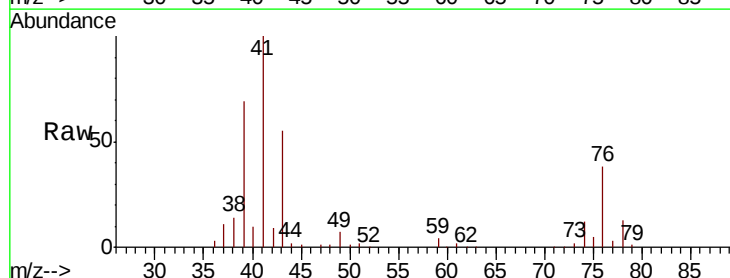
Tgt Ion: 41 Resp: 238603

Ion Ratio Lower Upper

41 100

39 66.1 53.6 80.4

76 35.5 29.8 44.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

100000

80000

60000

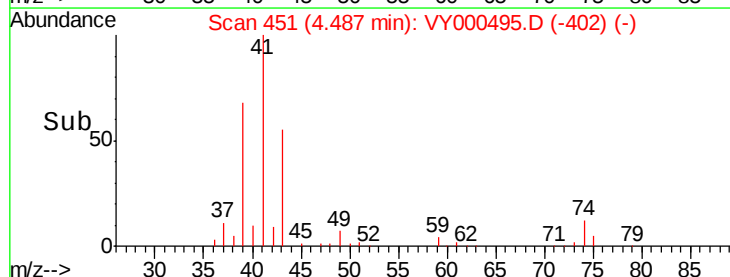
40000

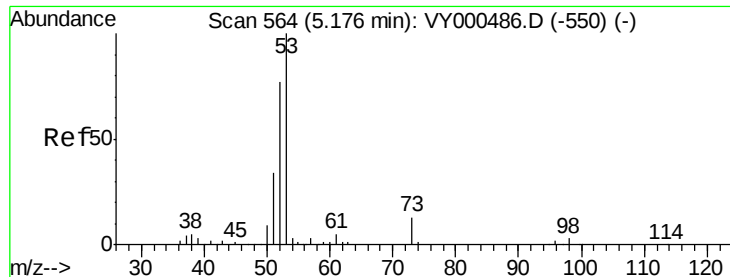
20000

0

Time-->

4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 260.006 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

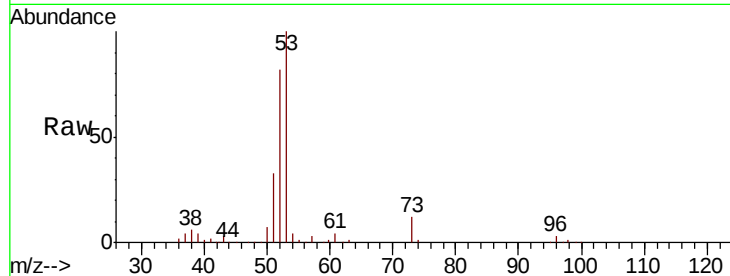
Tot Ion: 53 Resp: 219070

Ion Ratio Lower Upper

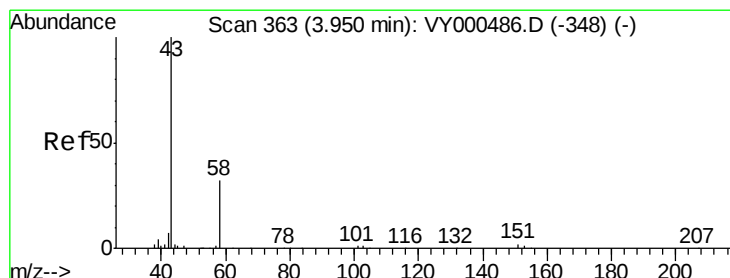
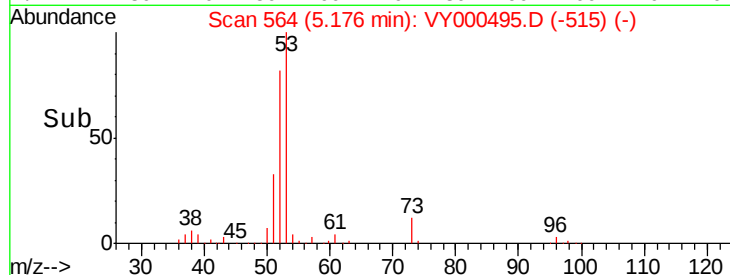
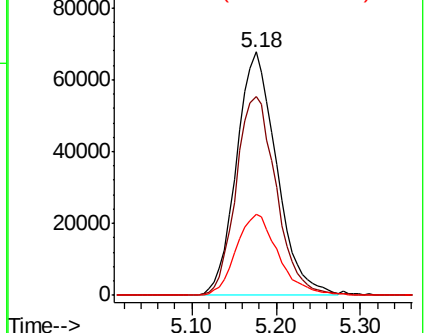
53 100

52 82.1 64.9 97.3

51 35.1 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 267.972 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000495.D

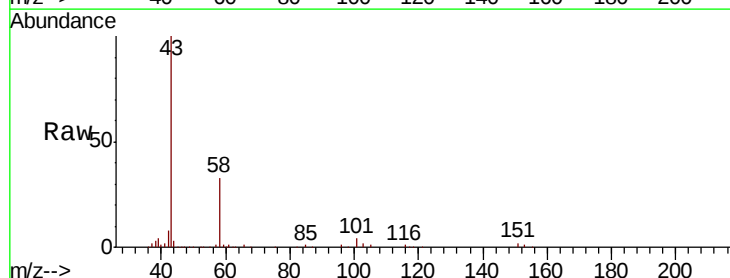
Acq: 30 Oct 2019 17:46

Tgt Ion: 43 Resp: 208038

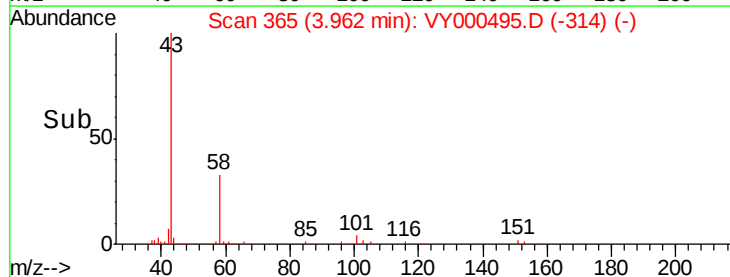
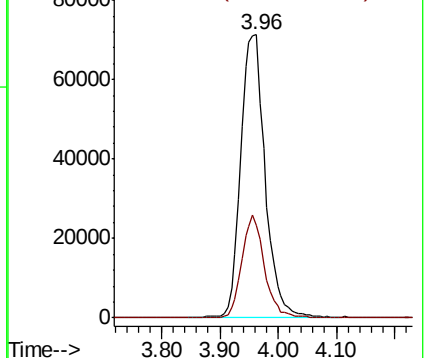
Ion Ratio Lower Upper

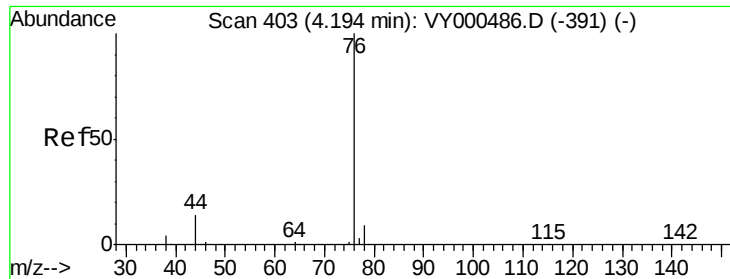
43 100

58 32.7 25.8 38.6



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

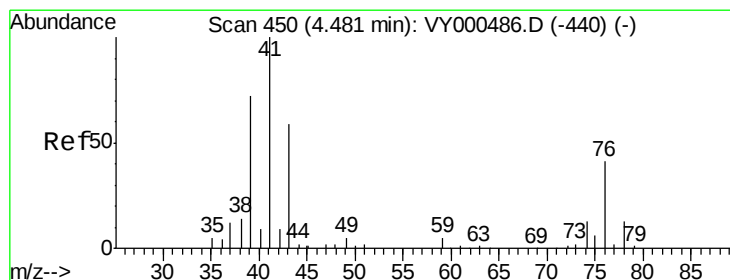
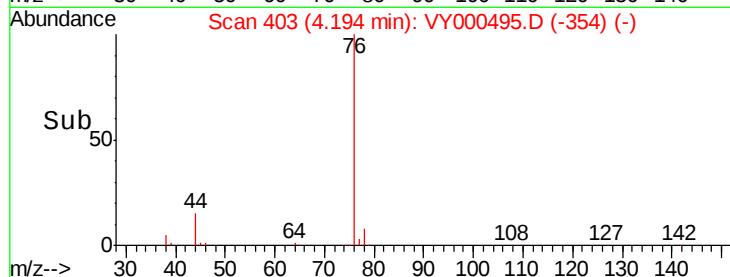
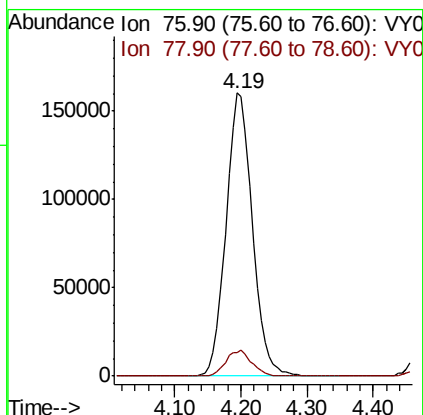
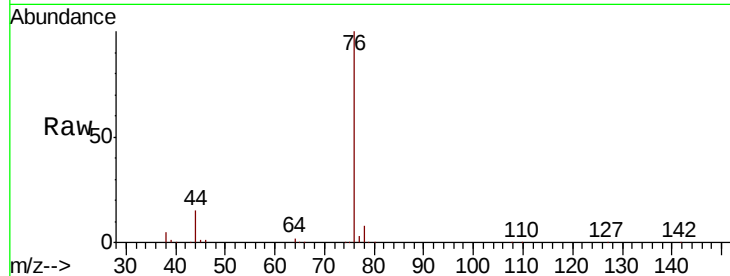




#17
Carbon Disulfide
Concen: 51.554 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

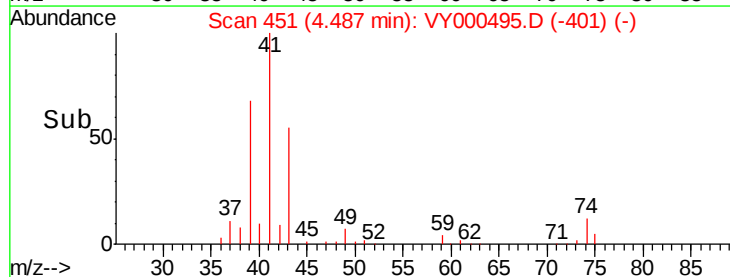
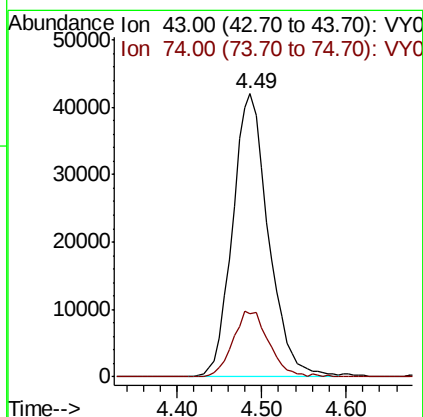
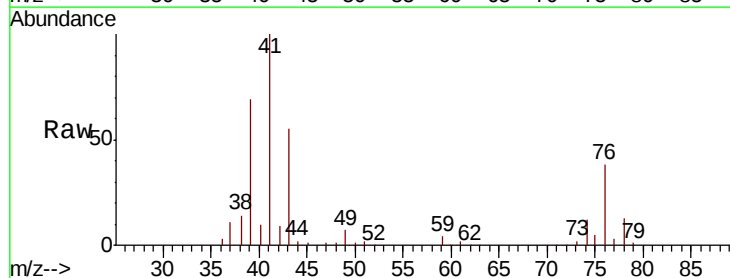
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

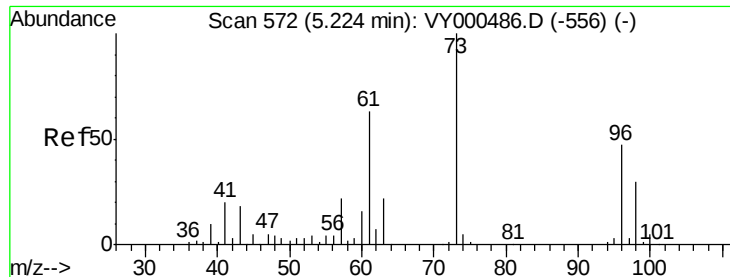
Tot Ion: 76 Resp: 442097
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 50.192 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 43 Resp: 121159
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8

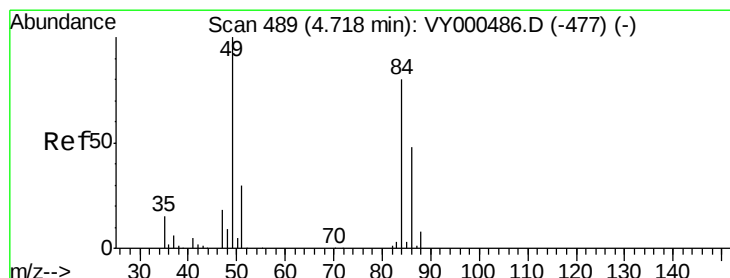
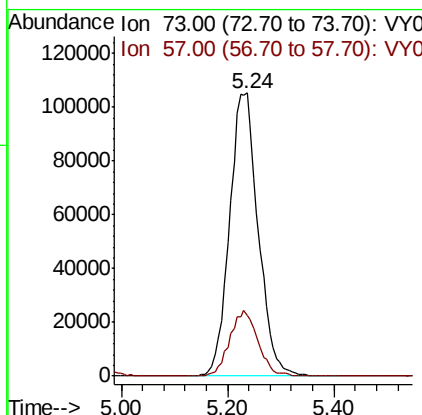
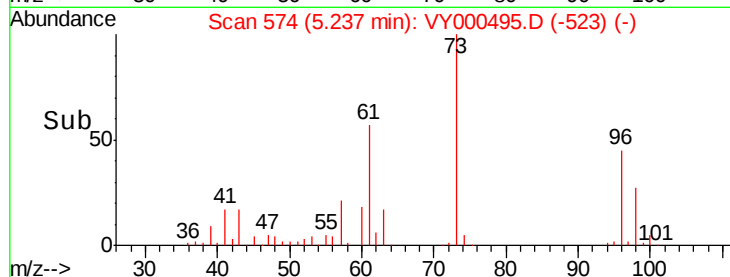
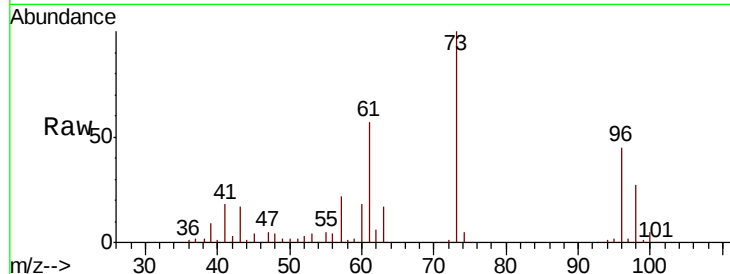




#19
Methyl tert-butyl Ether
Concen: 52.227 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

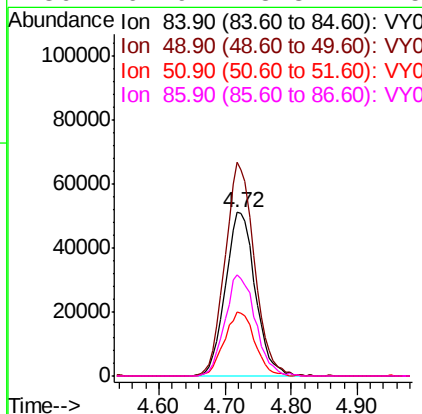
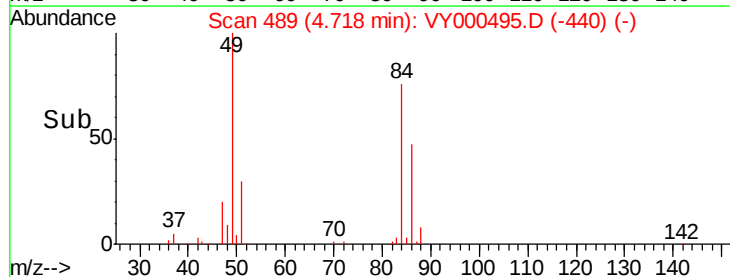
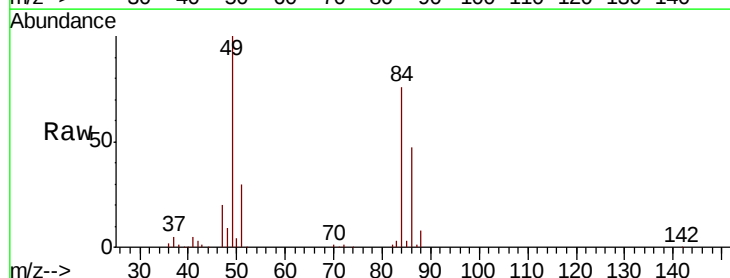
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

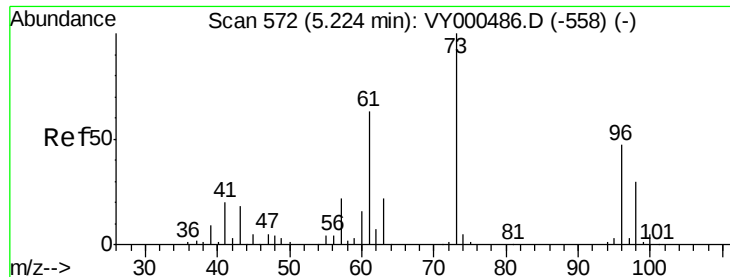
Tot Ion: 73 Resp: 394809
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 47.983 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 84 Resp: 159619
Ion Ratio Lower Upper
84 100
49 130.8 100.2 150.4
51 39.1 29.6 44.4
86 61.9 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 51.248 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

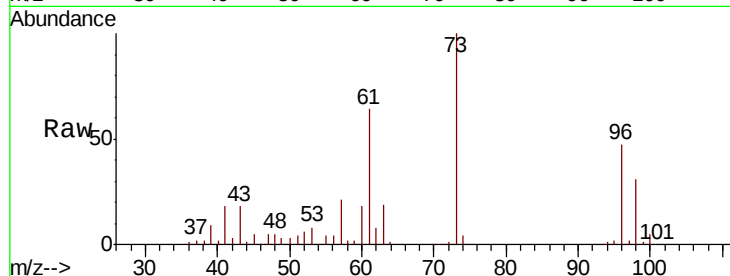
Tot Ion: 96 Resp: 157525

Ion Ratio Lower Upper

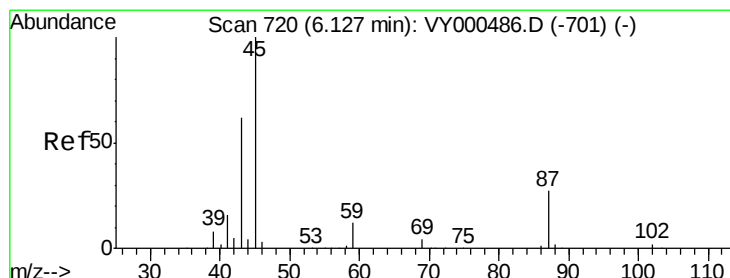
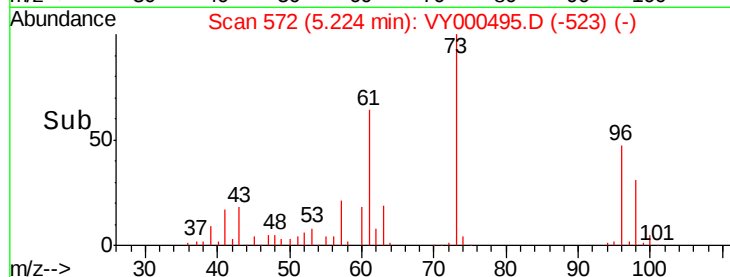
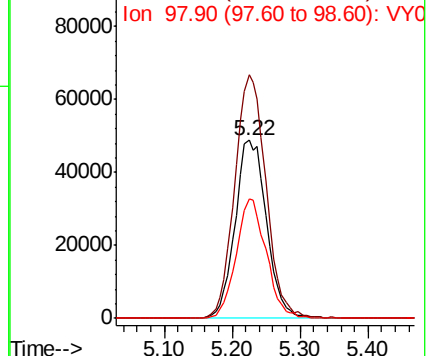
96 100

61 136.6 106.6 160.0

98 67.2 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: 54.913 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion: 45 Resp: 527675

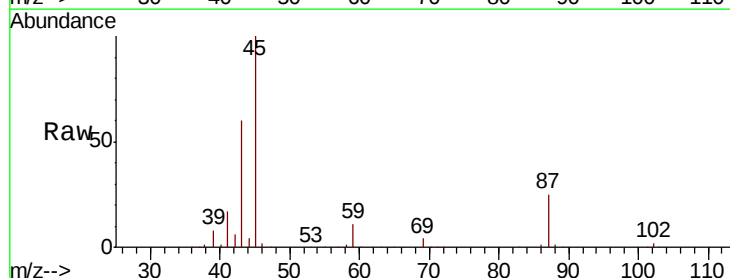
Ion Ratio Lower Upper

45 100

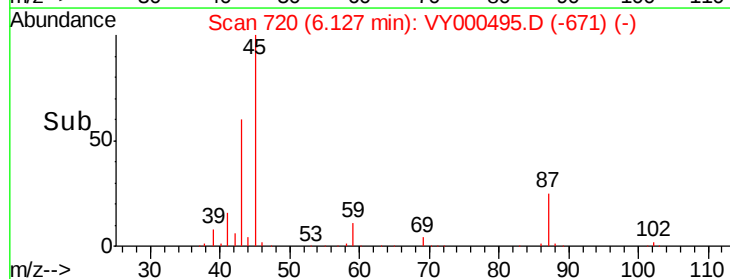
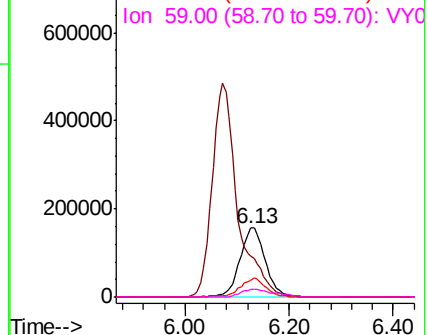
43 59.9 50.0 75.0

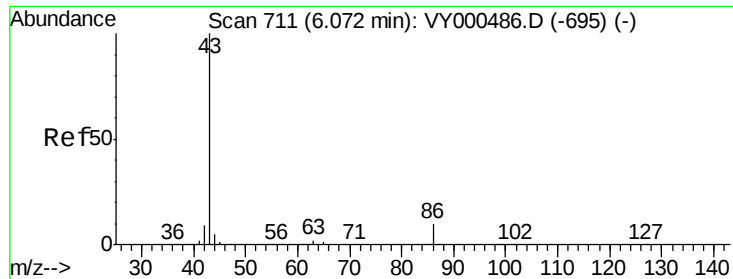
87 24.9 21.6 32.4

59 11.4 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: 271.547 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

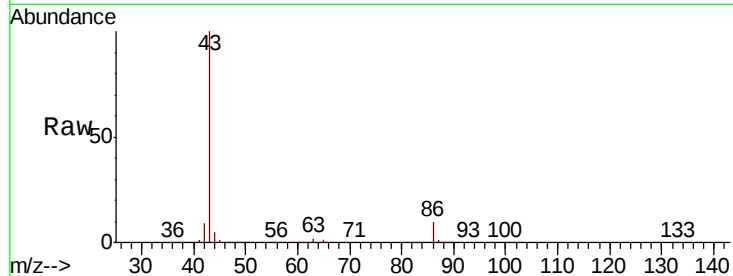
VSTDCCC050EC

Tot Ion: 43 Resp: 1647182

Ion Ratio Lower Upper

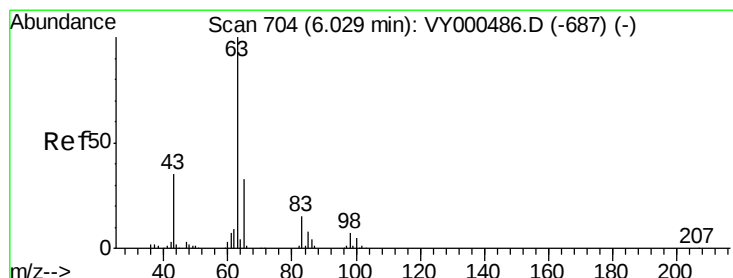
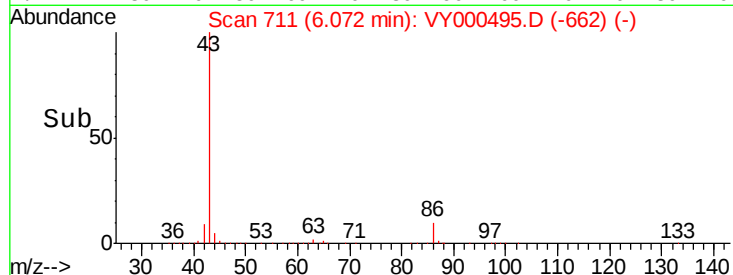
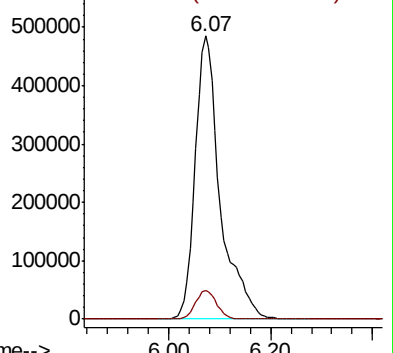
43 100

86 10.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.519 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

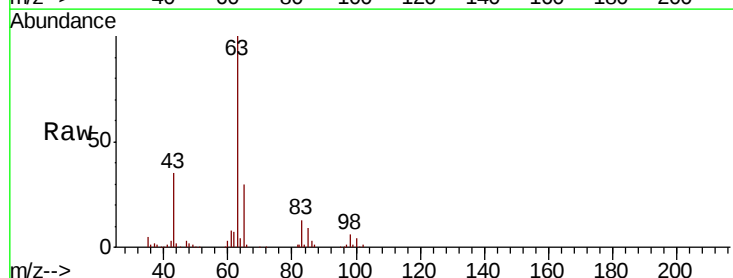
Tgt Ion: 63 Resp: 273402

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.6

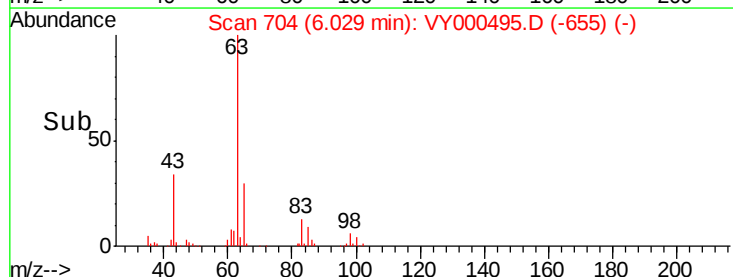
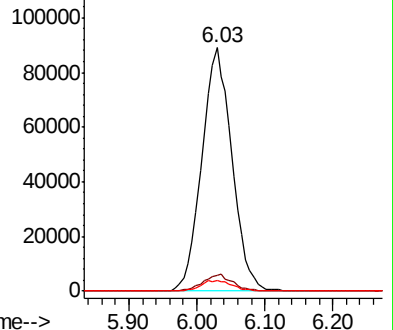
100 4.2 2.4 7.1

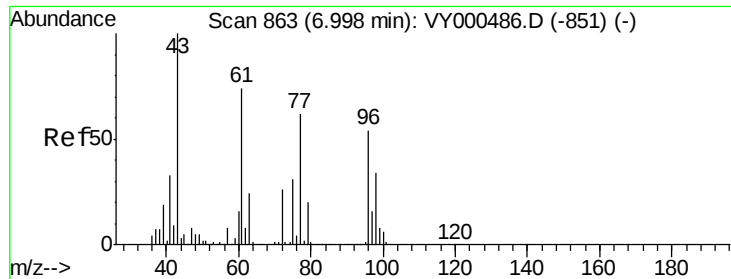


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 261.064 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

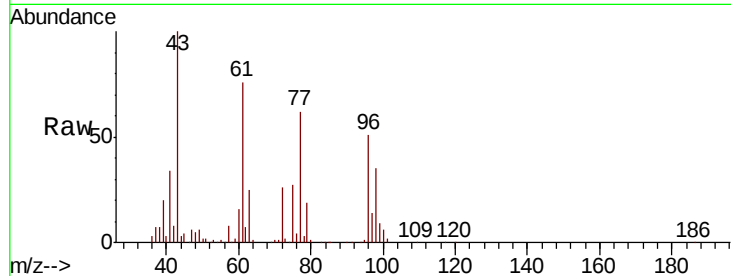
VSTDCCC050EC

Tot Ion: 43 Resp: 323457

Ion Ratio Lower Upper

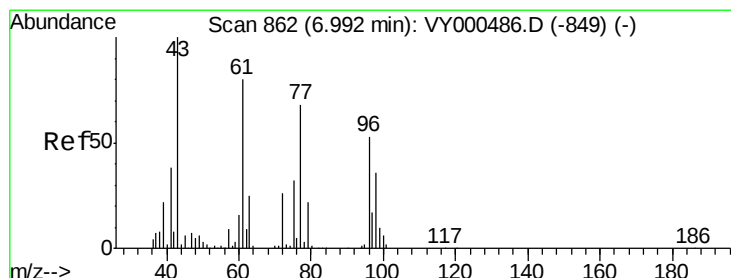
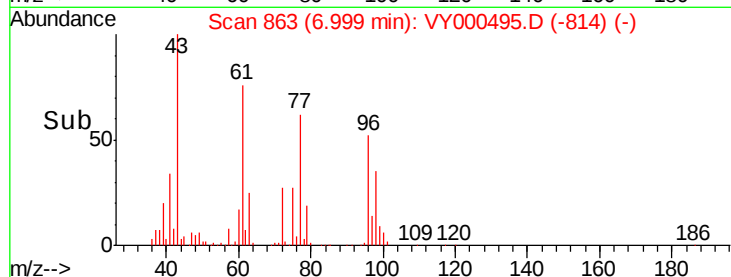
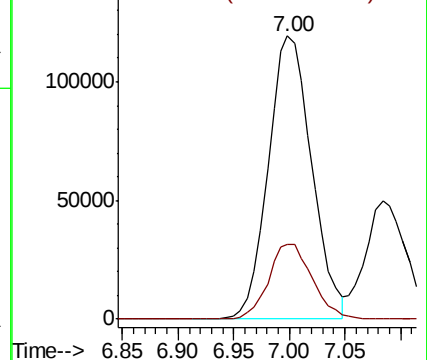
43 100

72 26.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.940 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000495.D

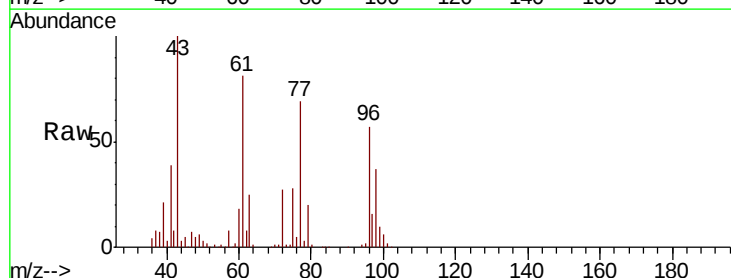
Acq: 30 Oct 2019 17:46

Tgt Ion: 77 Resp: 237585

Ion Ratio Lower Upper

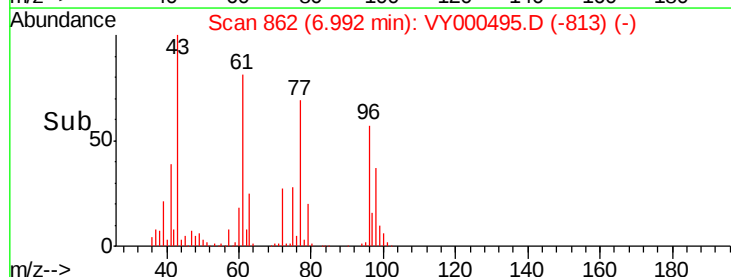
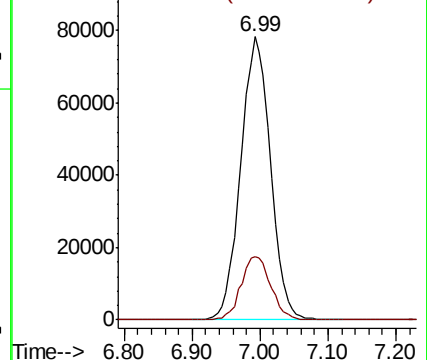
77 100

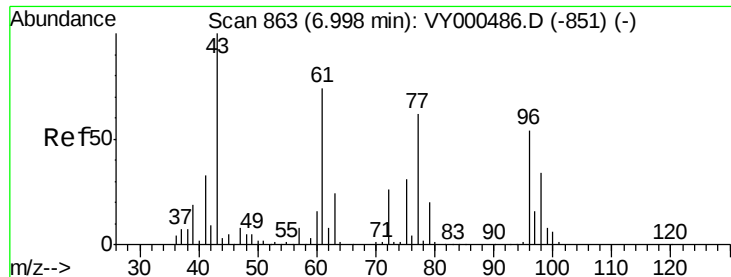
97 22.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



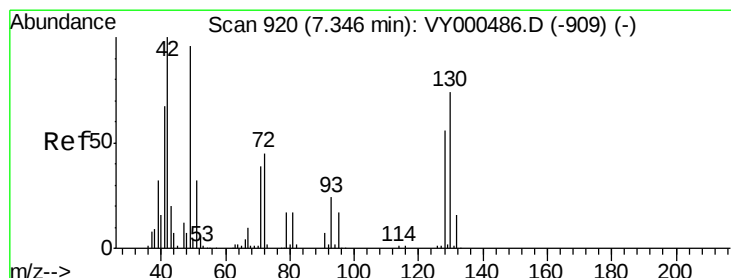
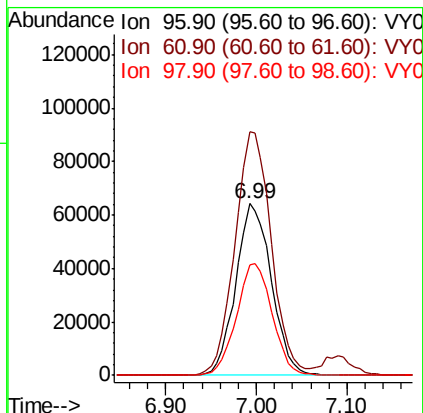
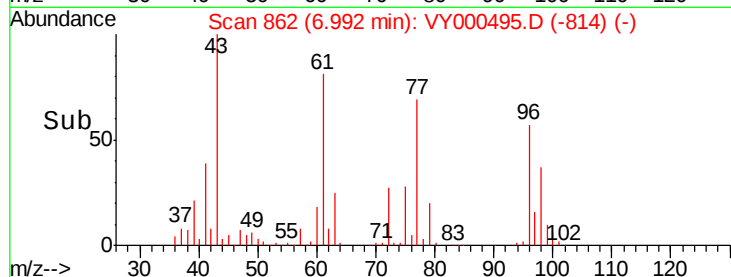
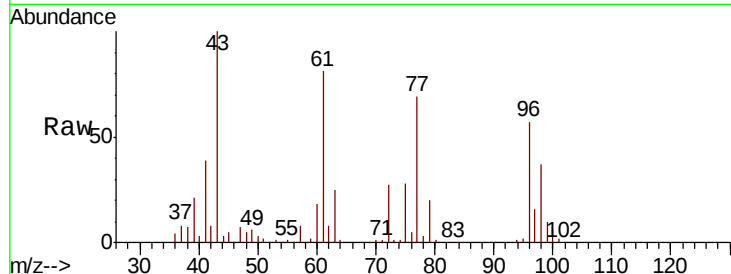


#27

cis-1,2-Dichloroethene
Concen: 51.827 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

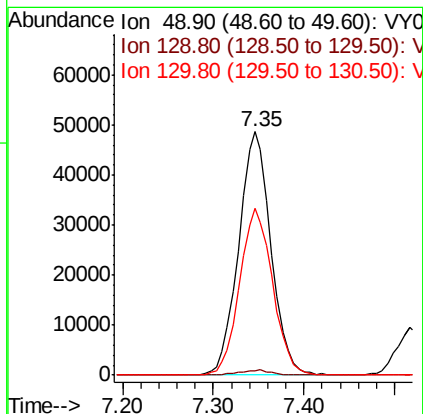
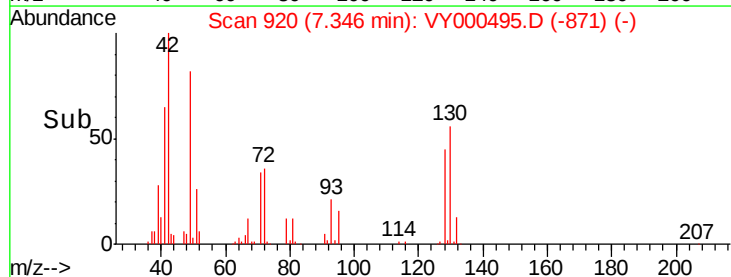
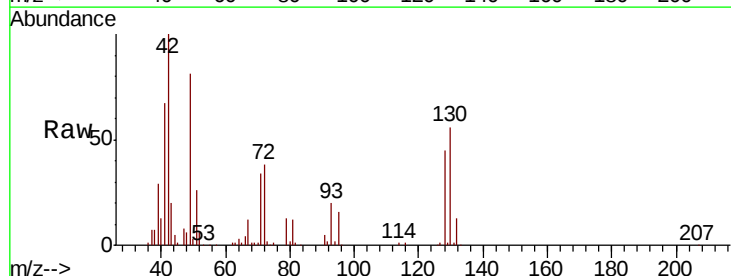
Tot Ion: 96 Resp: 174195
Ion Ratio Lower Upper
96 100
61 145.8 0.0 287.0
98 65.5 0.0 129.4

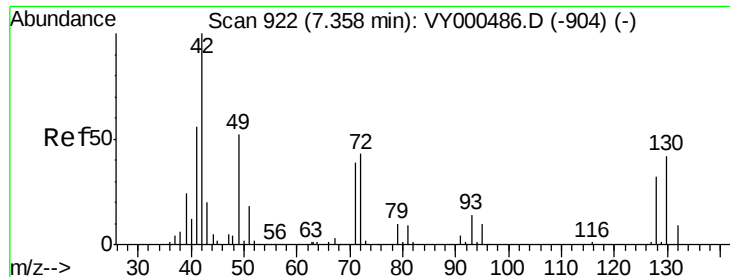


#28

Bromochloromethane
Concen: 50.363 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 49 Resp: 119646
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 70.2 59.4 89.0

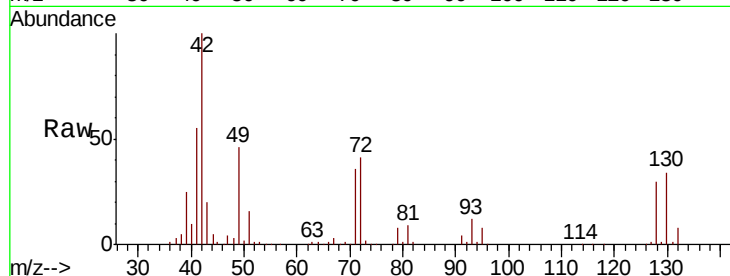




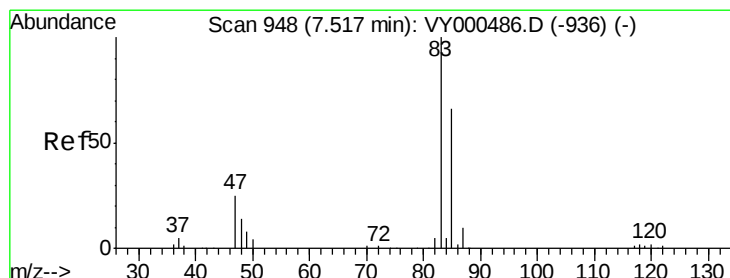
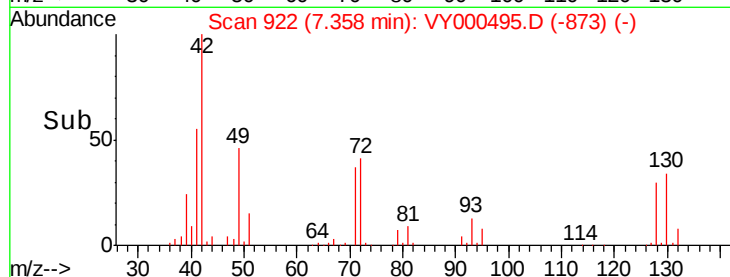
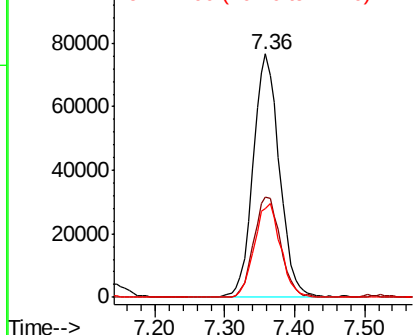
#29
Tetrahydrofuran
Concen: 263.606 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 199805
Ion Ratio Lower Upper
42 100
72 41.9 34.0 51.0
71 38.6 30.8 46.2

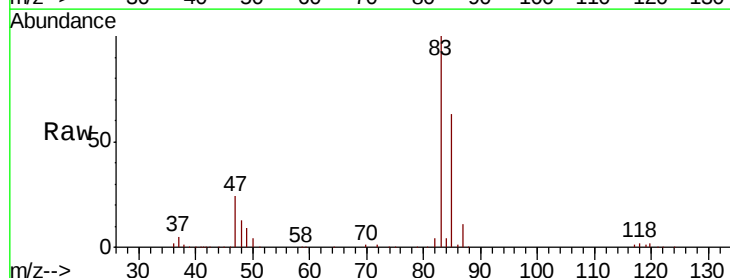


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

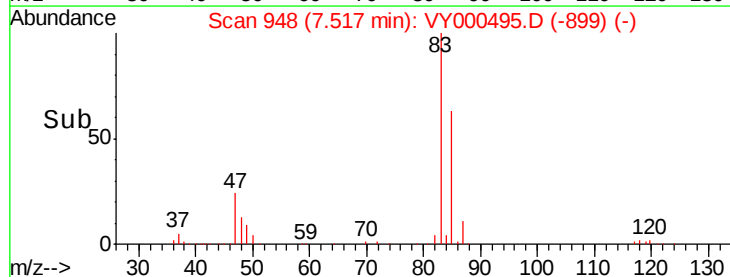
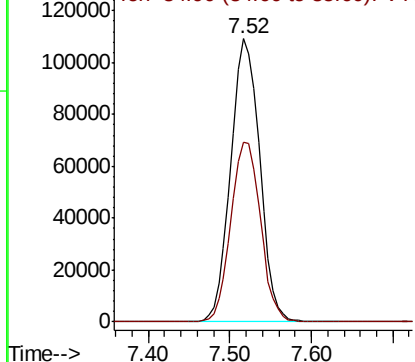


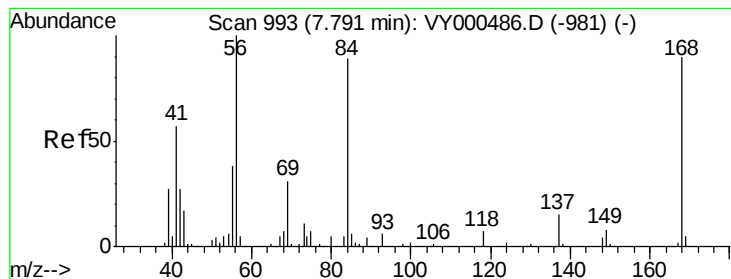
#30
Chloroform
Concen: 50.983 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 83 Resp: 268485
Ion Ratio Lower Upper
83 100
85 63.3 53.0 79.4



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





#31

Cyclohexane

Concen: 49.169 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

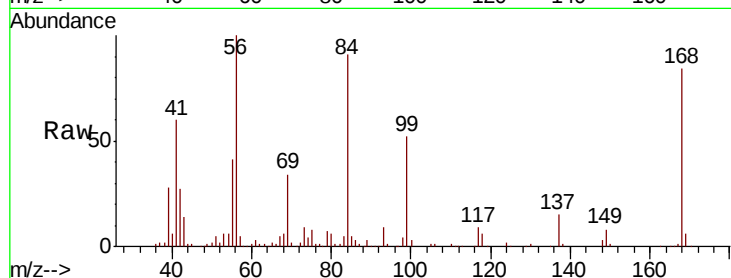
Tot Ion: 56 Resp: 268093

Ion Ratio Lower Upper

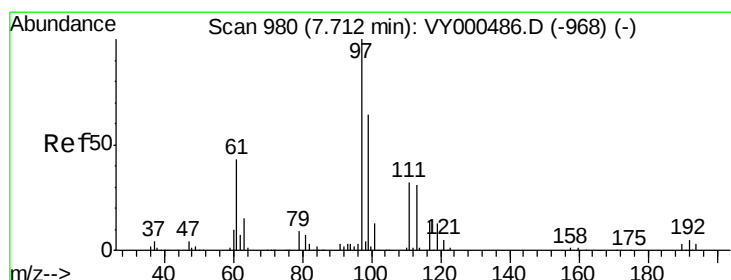
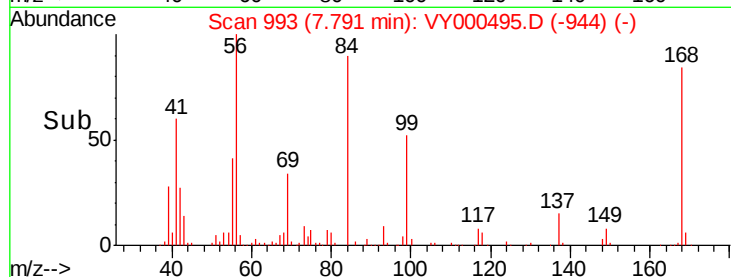
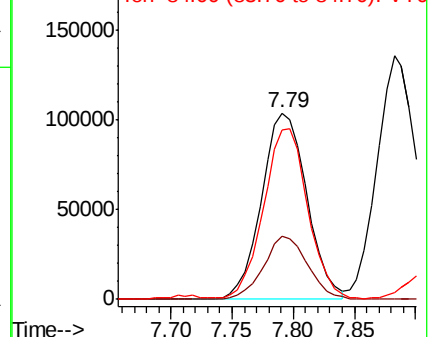
56 100

69 33.9 25.0 37.6

84 88.6 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: 50.684 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

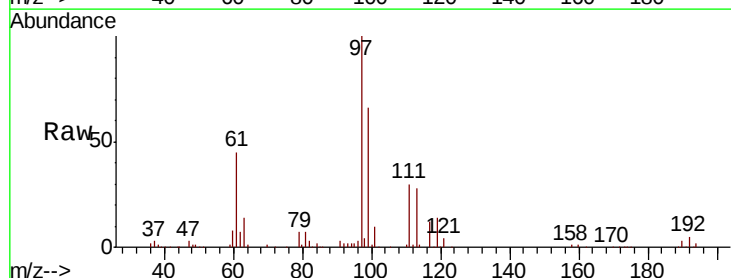
Tgt Ion: 97 Resp: 237881

Ion Ratio Lower Upper

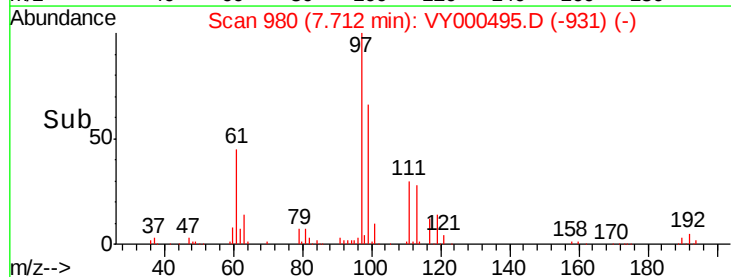
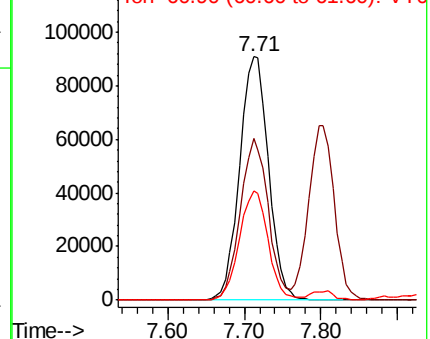
97 100

99 64.5 50.9 76.3

61 44.3 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

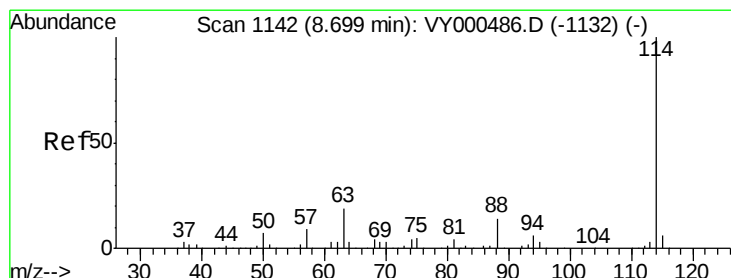
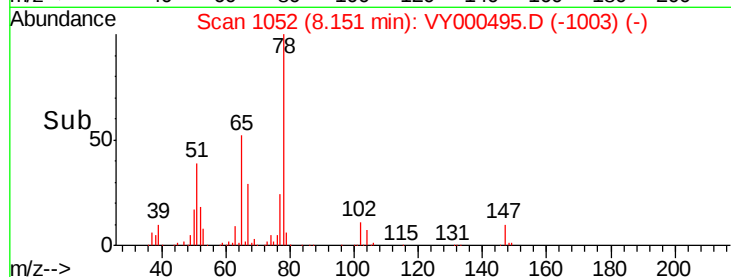
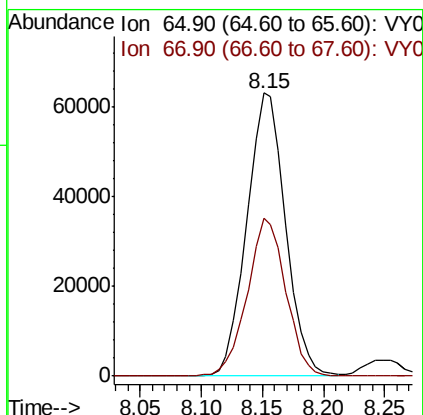
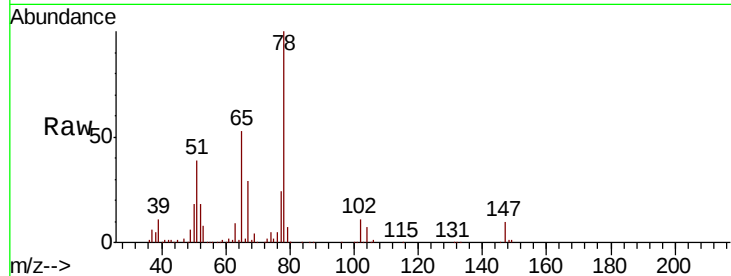




#33
 1,2-Dichloroethane-d4
 Concen: 49.216 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

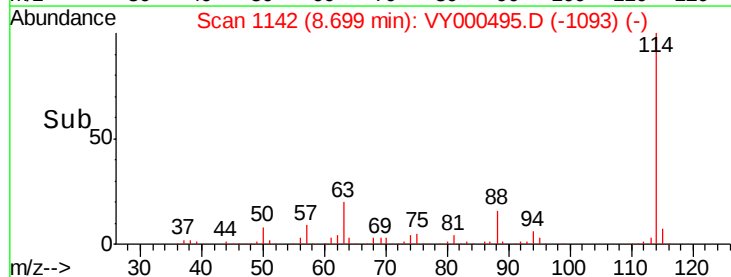
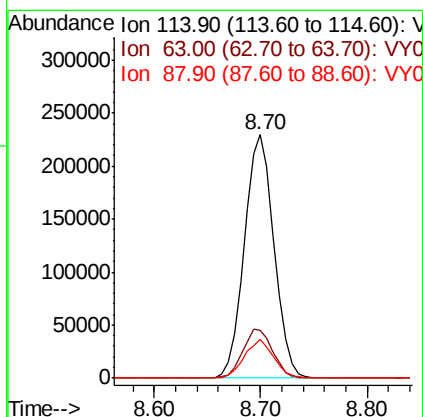
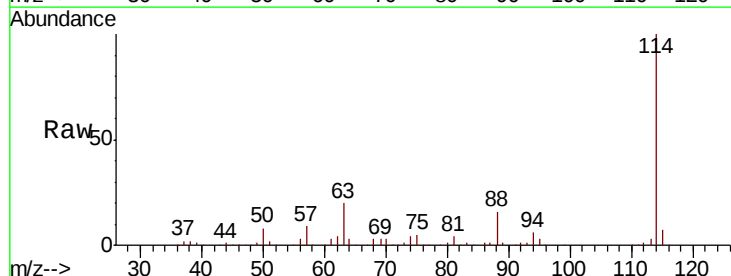
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

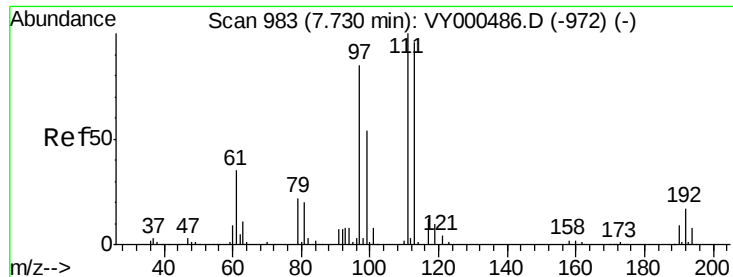
Tot Ion: 65 Resp: 138631
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 114 Resp: 447742
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.7 0.0 28.6

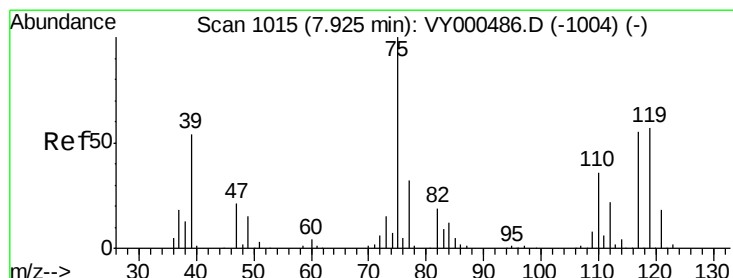
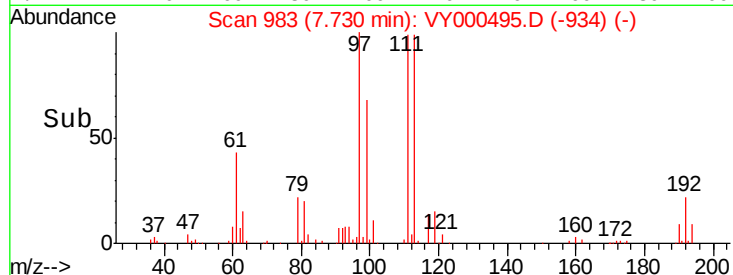
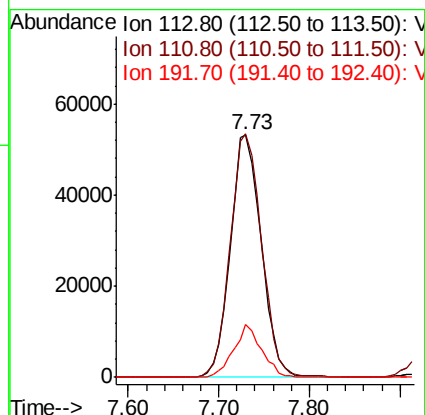
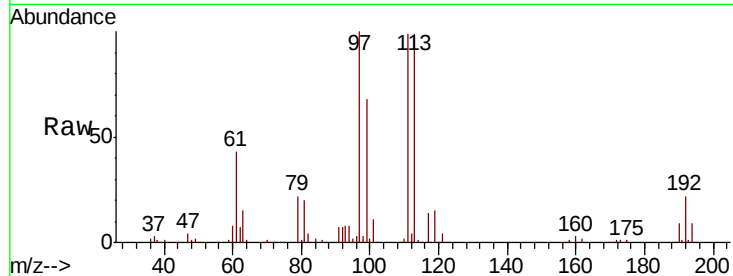




#35
 Dibromofluoromethane
 Concen: 47.964 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

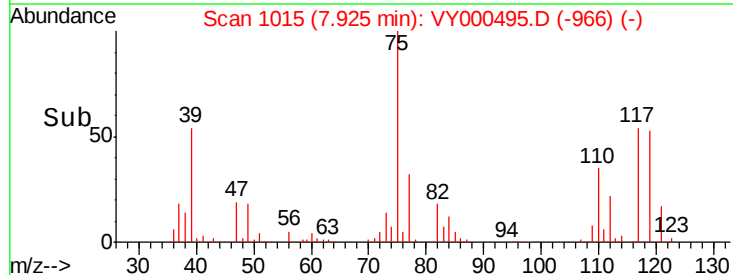
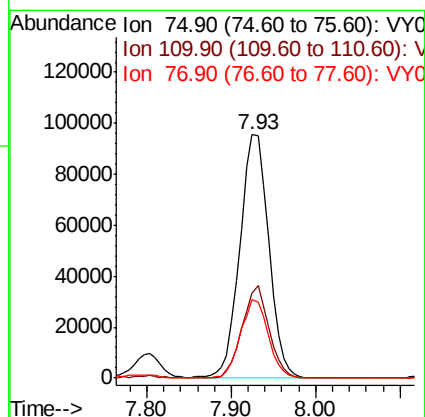
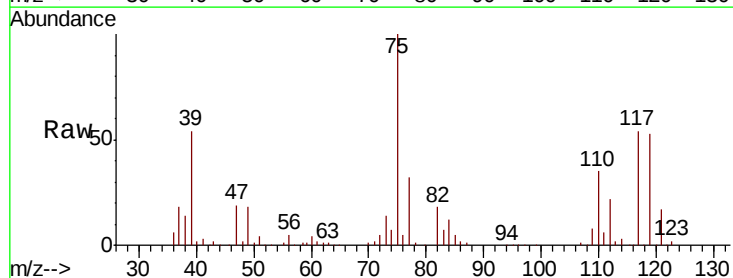
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

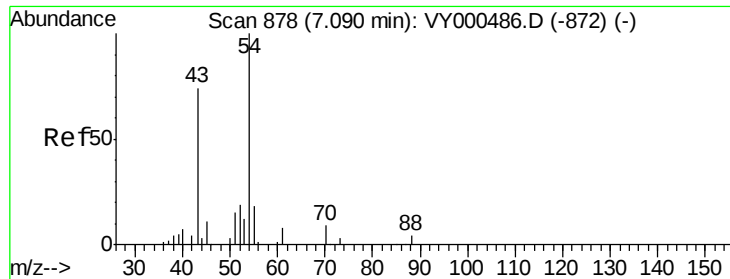
Tot Ion:113 Resp: 126074
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.7 122.5
 192 19.4 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 52.165 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 75 Resp: 220800
 Ion Ratio Lower Upper
 75 100
 110 34.9 18.1 54.1
 77 31.2 25.0 37.6

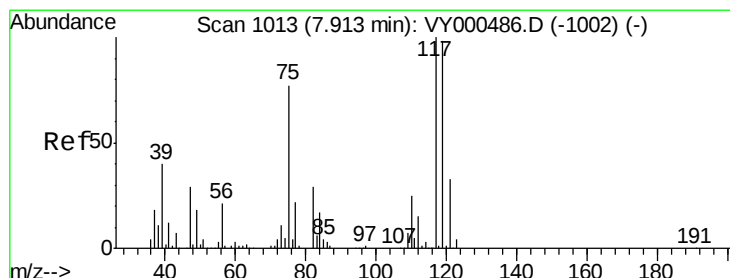
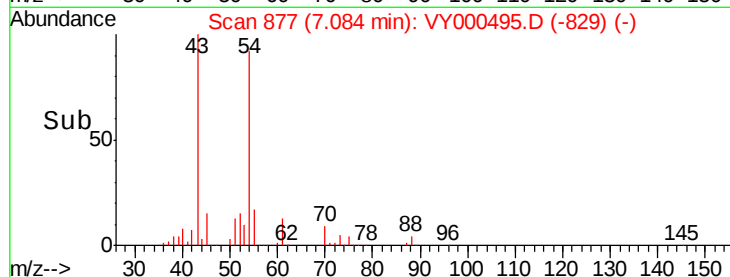
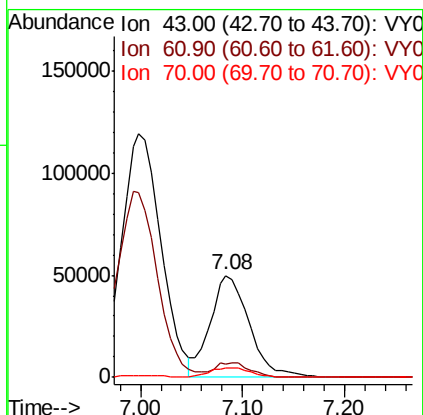
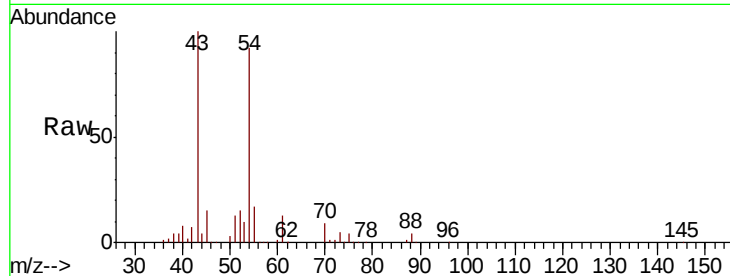




#37
Ethyl Acetate
Concen: 52.558 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

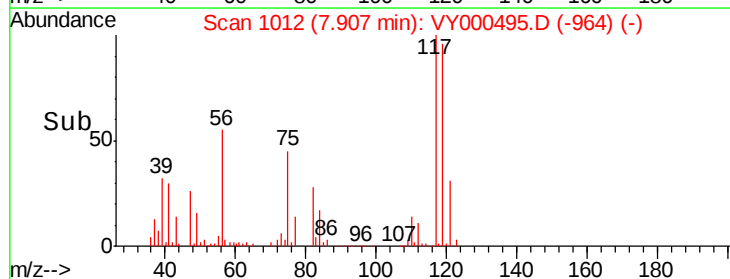
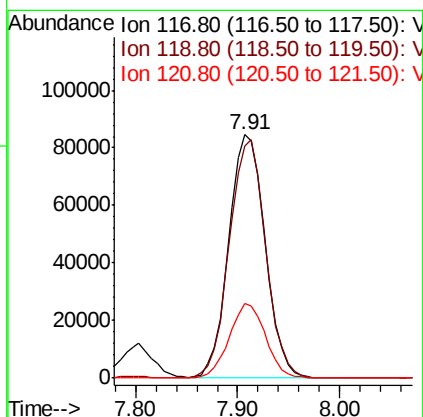
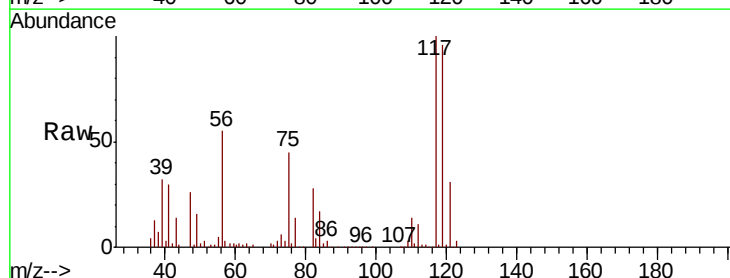
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 132078
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.402 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 117 Resp: 209352
Ion Ratio Lower Upper
117 100
119 95.5 78.0 117.0
121 30.5 26.6 40.0

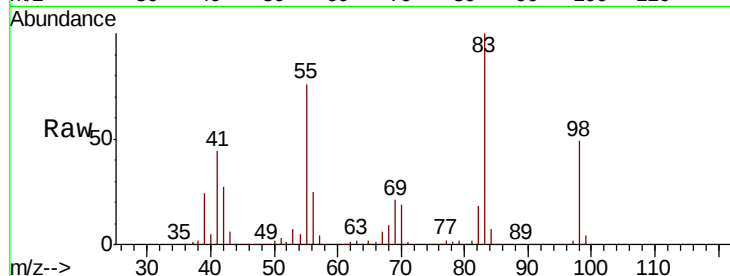




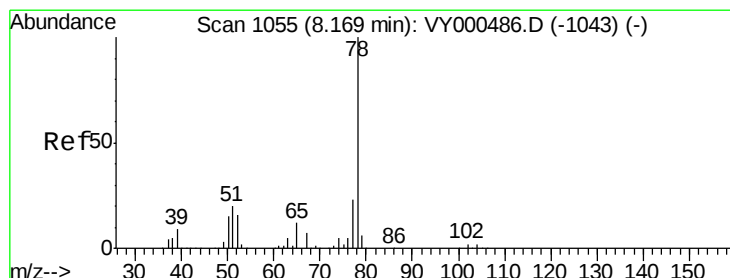
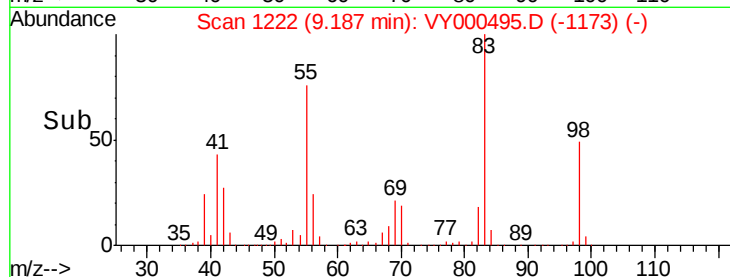
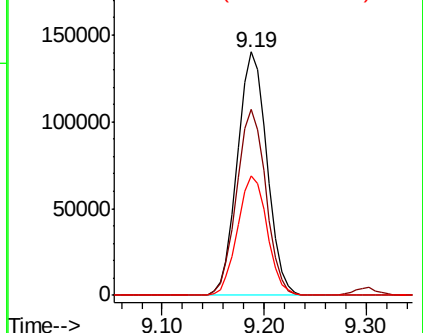
#39
Methvlcvclohexane
Concen: 51.643 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 282404
Ion Ratio Lower Upper
83 100
55 76.3 57.5 86.3
98 49.2 38.0 57.0

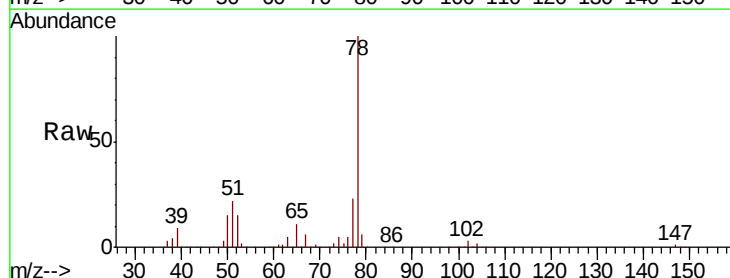


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

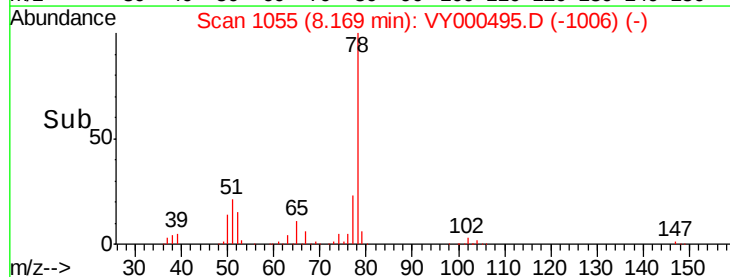
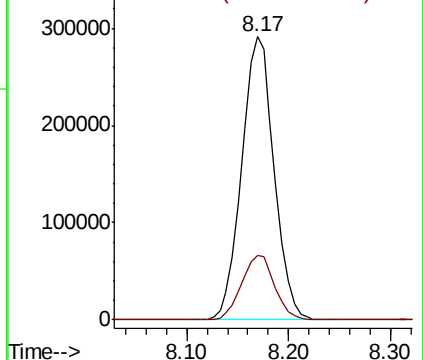


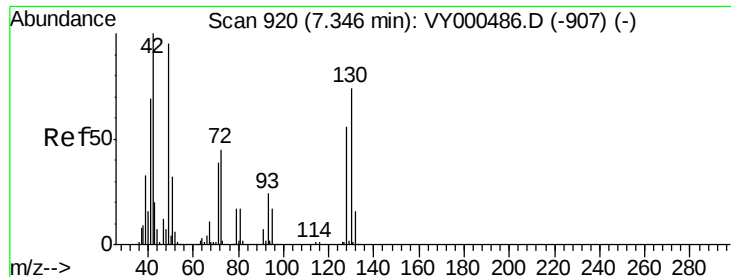
#40
Benzene
Concen: 51.622 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 78 Resp: 640596
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0



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

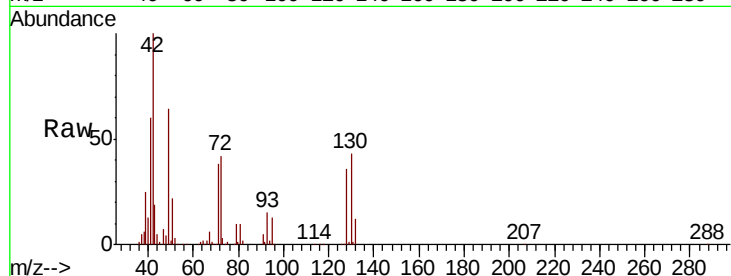




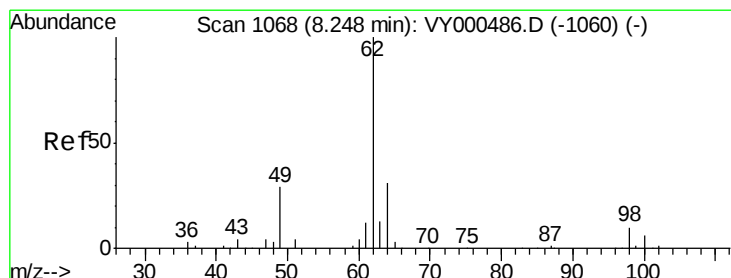
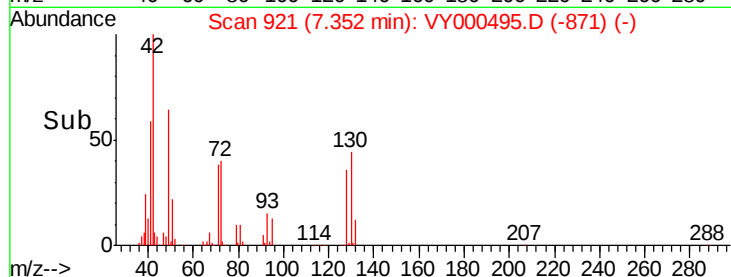
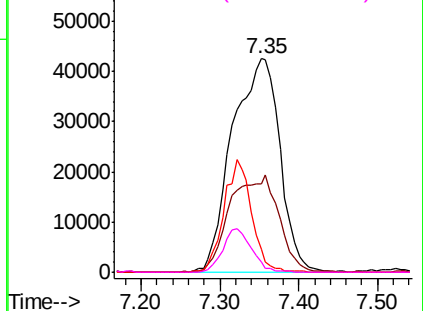
#41
Methacrylonitrile
Concen: 126.776 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 177727
Ion Ratio Lower Upper
41 100
39 46.8 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

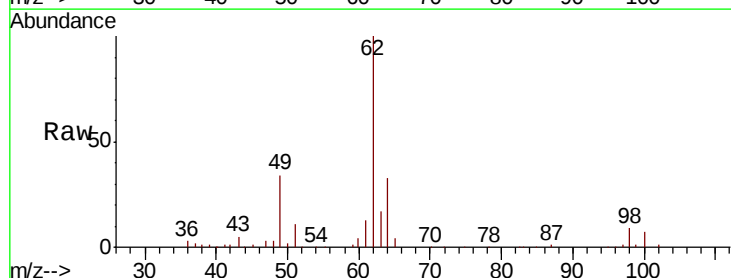


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

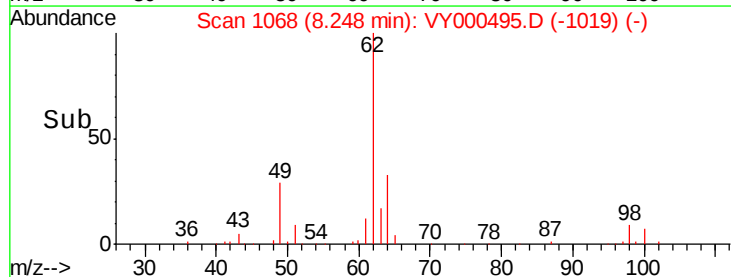
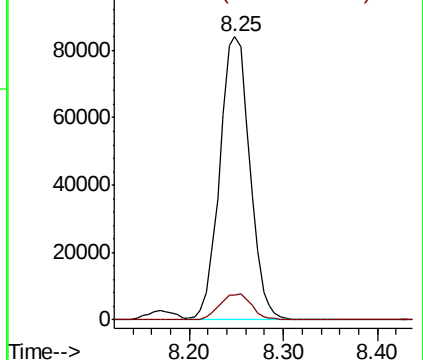


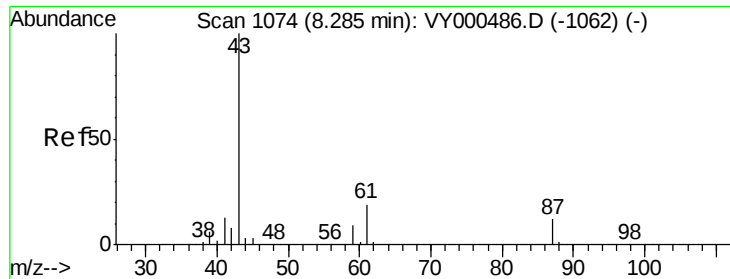
#42
1,2-Dichloroethane
Concen: 53.034 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 62 Resp: 186660
Ion Ratio Lower Upper
62 100
98 9.7 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: 53.679 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

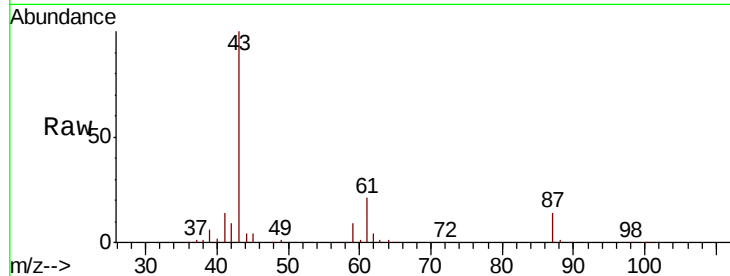
Tot Ion: 43 Resp: 253399

Ion Ratio Lower Upper

43 100

61 27.9 23.0 34.4

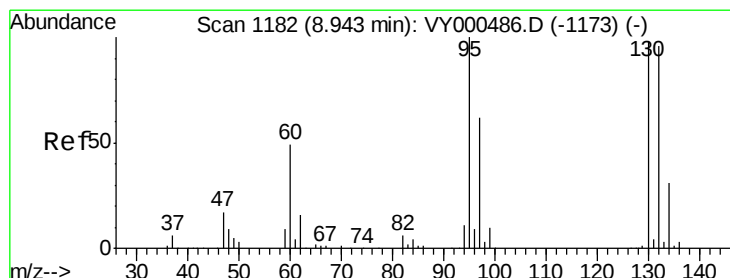
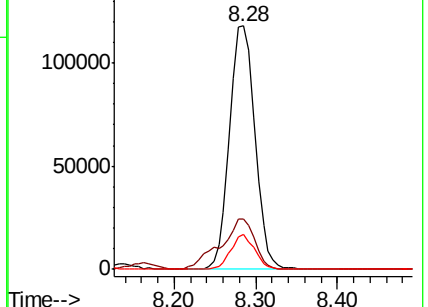
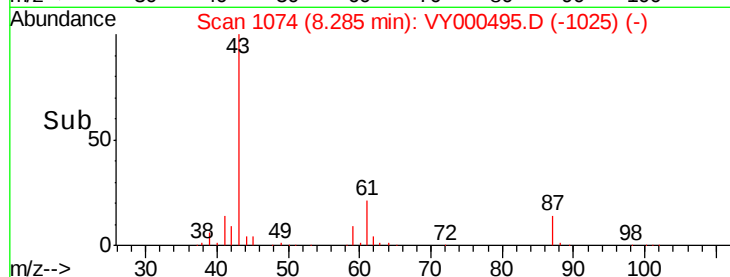
87 13.3 10.5 15.7



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

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

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



#44

Trichloroethene

Concen: 50.240 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000495.D

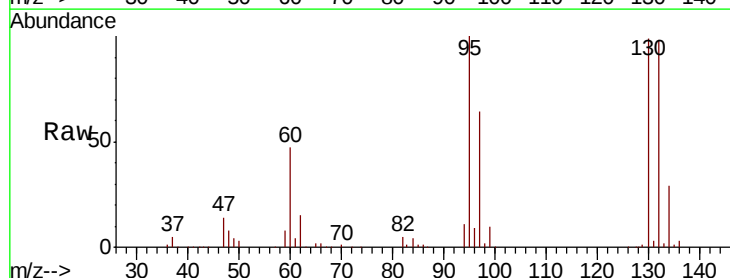
Acq: 30 Oct 2019 17:46

Tgt Ion:130 Resp: 164381

Ion Ratio Lower Upper

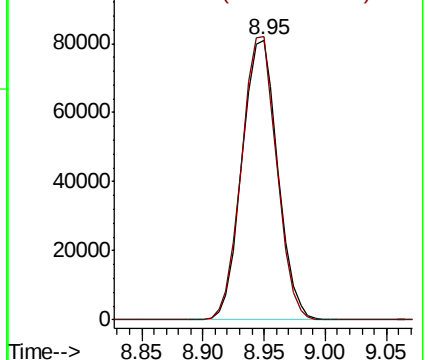
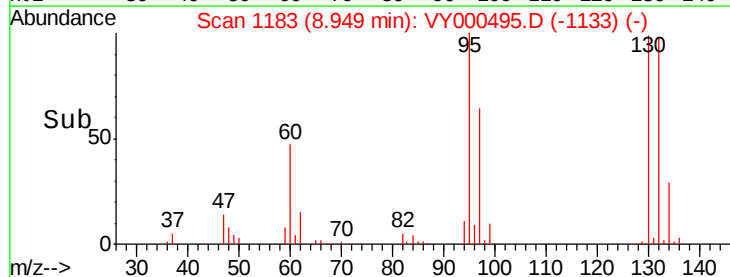
130 100

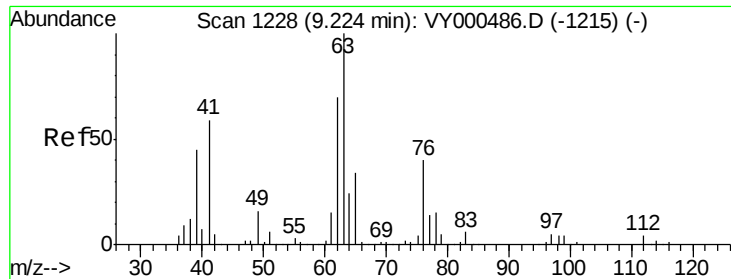
95 101.2 0.0 203.2



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

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

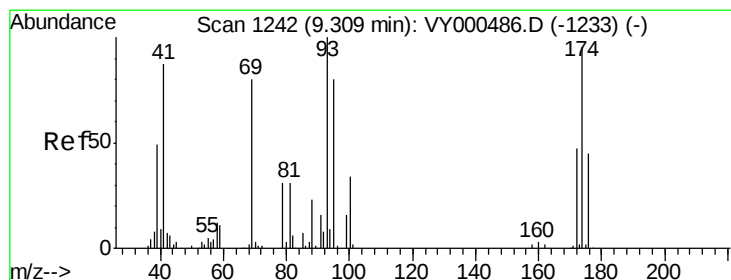
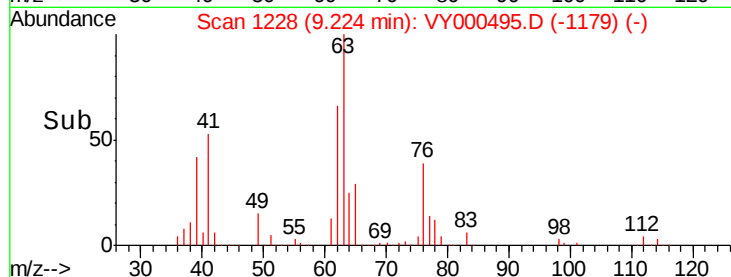
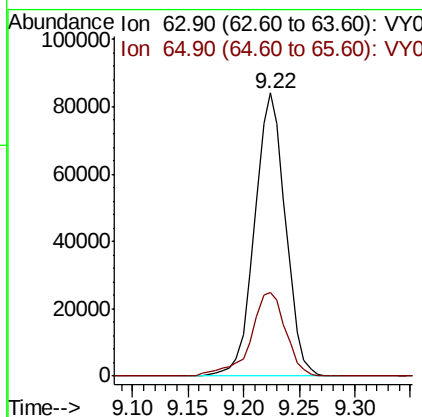
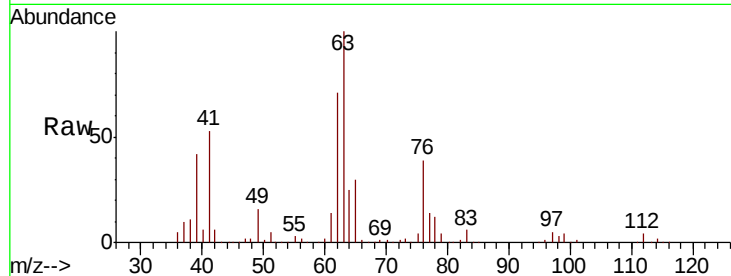




#45
 1,2-Dichloropropane
 Concen: 53.062 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

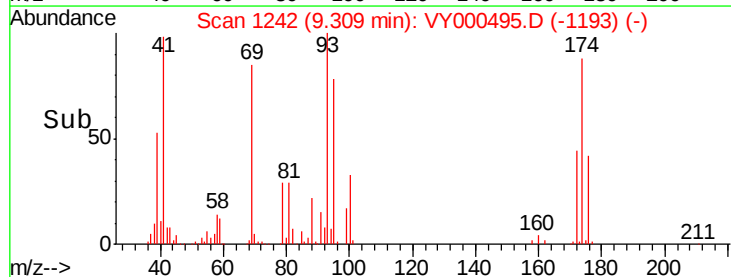
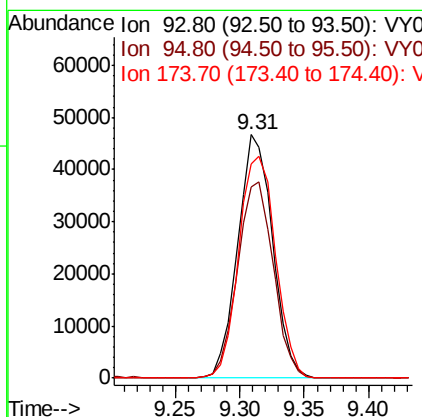
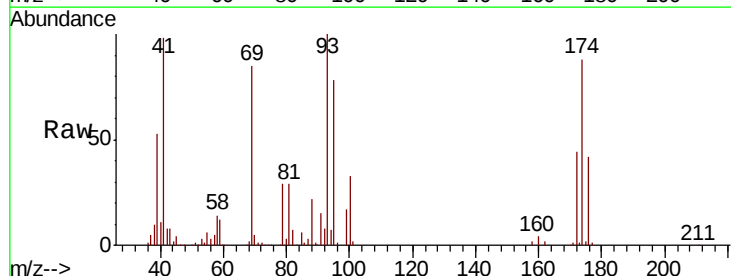
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

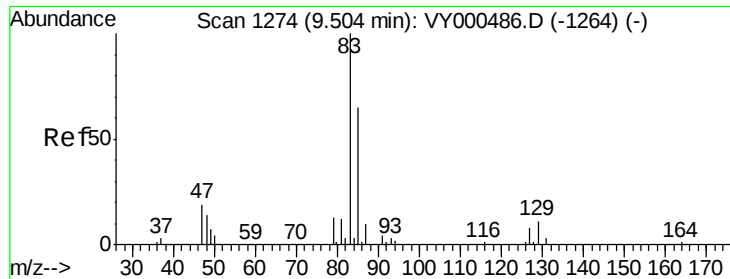
Tot Ion: 63 Resp: 162061
 Ion Ratio Lower Upper
 63 100
 65 29.8 27.0 40.4



#46
 Dibromomethane
 Concen: 51.975 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 93 Resp: 87301
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 96.5 77.1 115.7

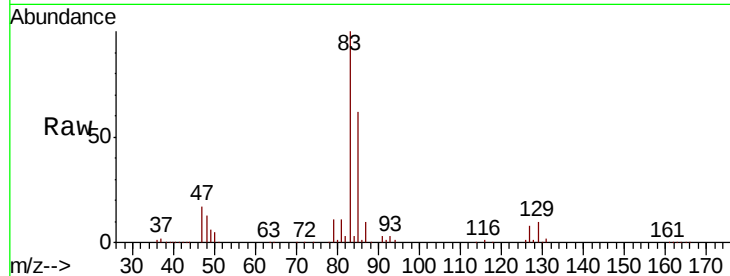




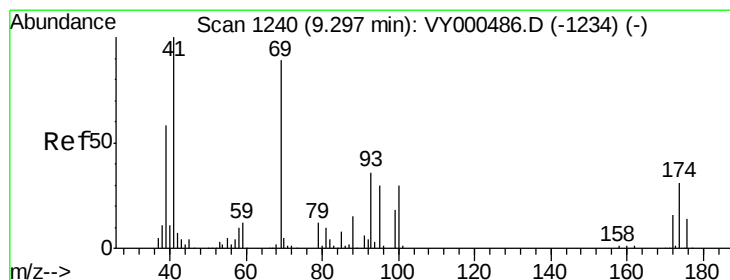
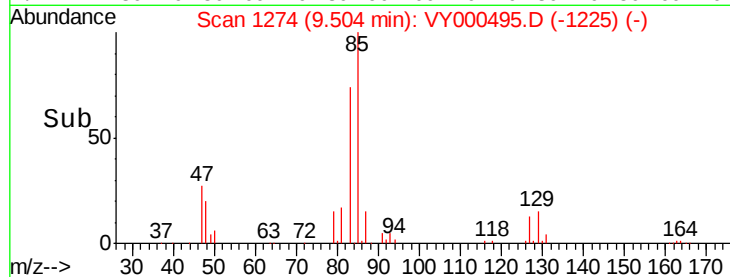
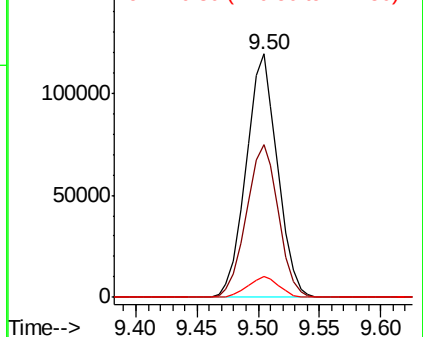
#47
Bromodichloromethane
Concen: 53.219 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 212108
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.8
127 8.3 6.7 10.1

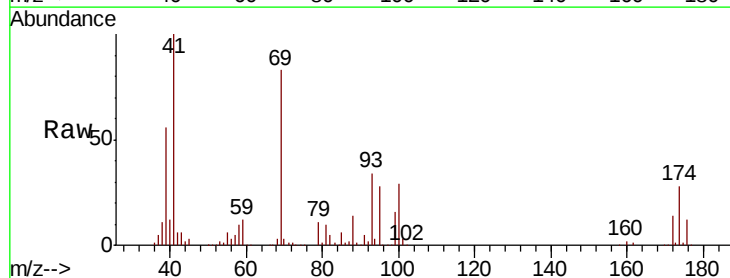


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

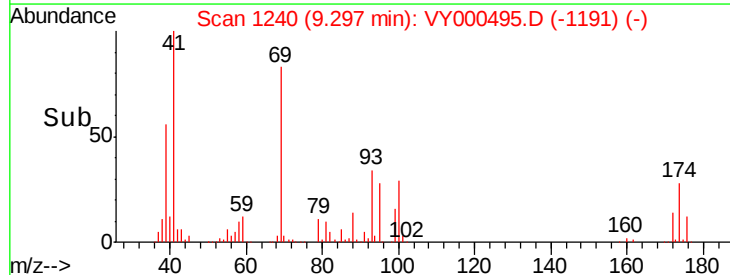
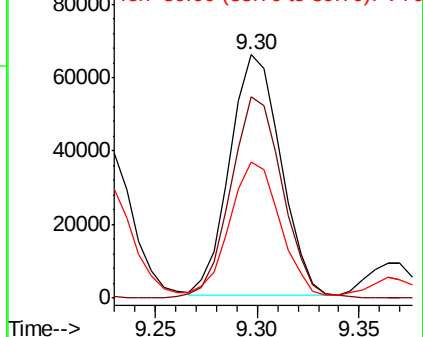


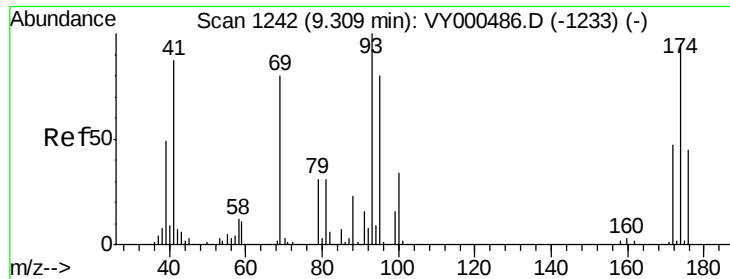
#48
Methyl methacrylate
Concen: 54.931 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 41 Resp: 113300
Ion Ratio Lower Upper
41 100
69 85.4 72.5 108.7
39 57.6 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: 1101.784 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

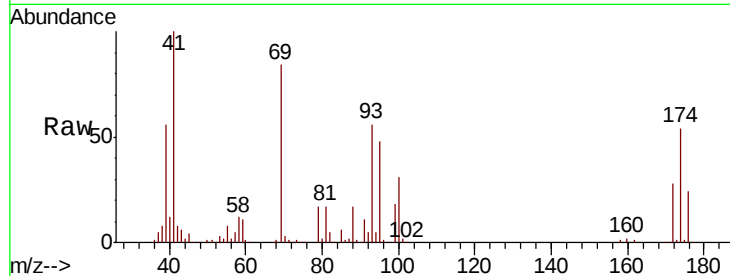
Tot Ion: 88 Resp: 24907

Ion Ratio Lower Upper

88 100

43 31.8 25.1 37.7

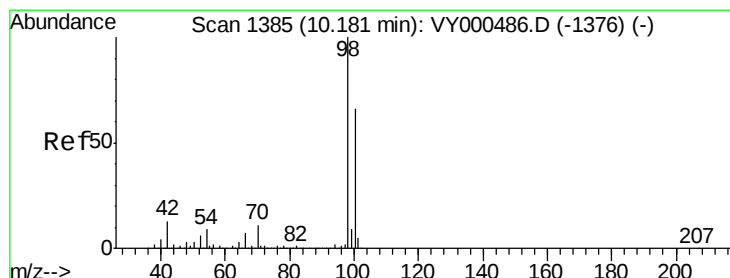
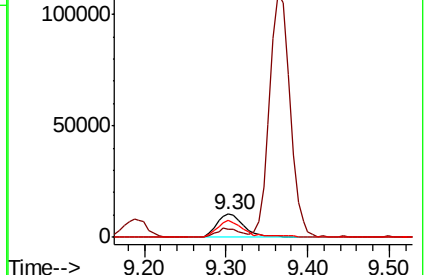
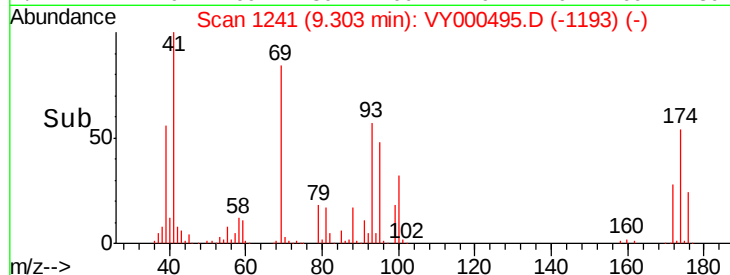
58 66.9 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY000486.D (-1233) (-)

Ion 43.00 (42.70 to 43.70): VY000486.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1233) (-)



#50

Toluene-d8

Concen: 51.980 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000495.D

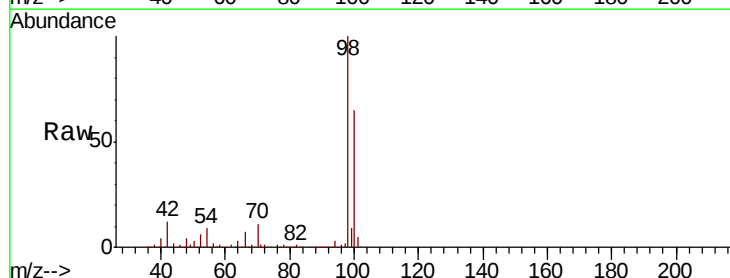
Acq: 30 Oct 2019 17:46

Tgt Ion: 98 Resp: 518442

Ion Ratio Lower Upper

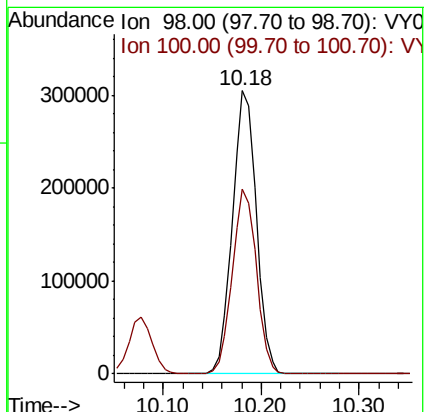
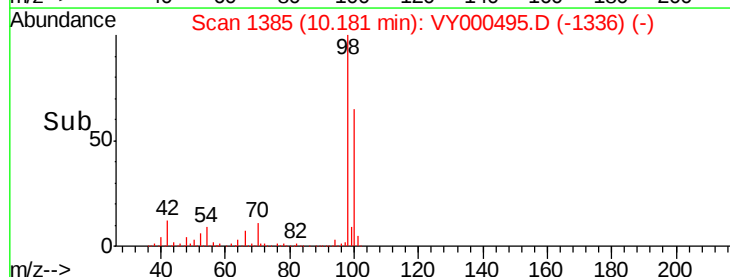
98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY000486.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY000486.D (-1376) (-)





#51

4-Methyl-2-Pentanone

Concen: 268.994 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

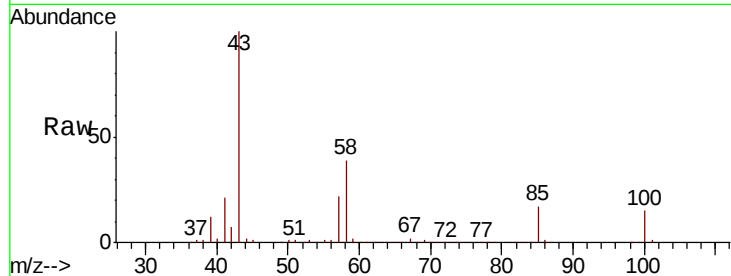
VSTDCCC050EC

Tot Ion: 43 Resp: 675138

Ion Ratio Lower Upper

43 100

58 38.8 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.08

400000

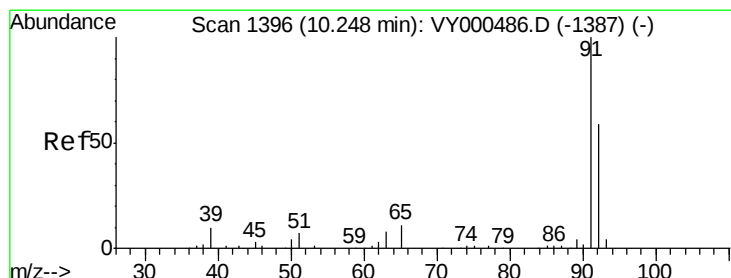
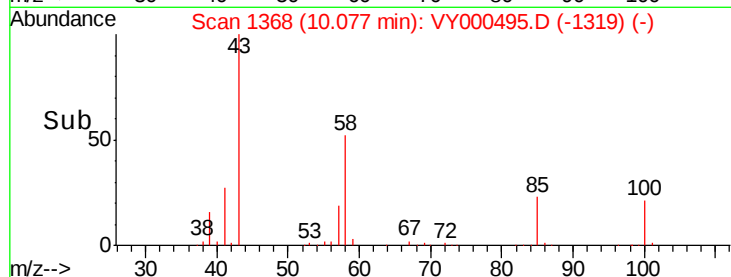
300000

200000

100000

0

Time--> 9.90 10.00 10.10



#52

Toluene

Concen: 52.412 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000495.D

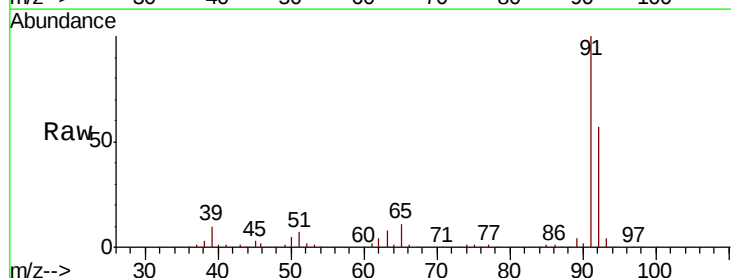
Acq: 30 Oct 2019 17:46

Tgt Ion: 92 Resp: 411202

Ion Ratio Lower Upper

92 100

91 170.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.25

500000

400000

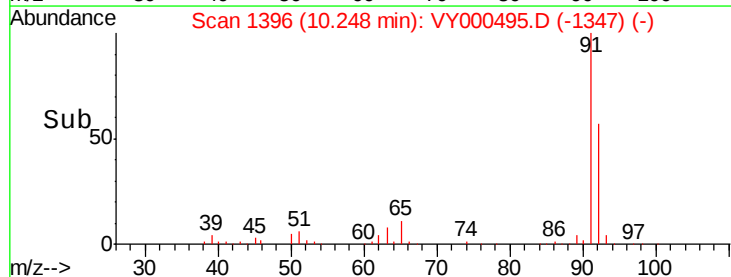
300000

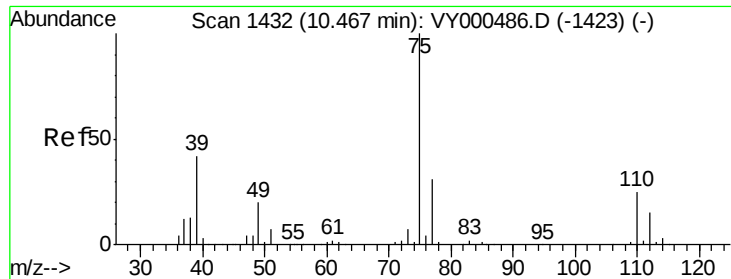
200000

100000

0

Time--> 10.20 10.30 10.40





#53

t-1,3-Dichloropropene

Concen: 55.043 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

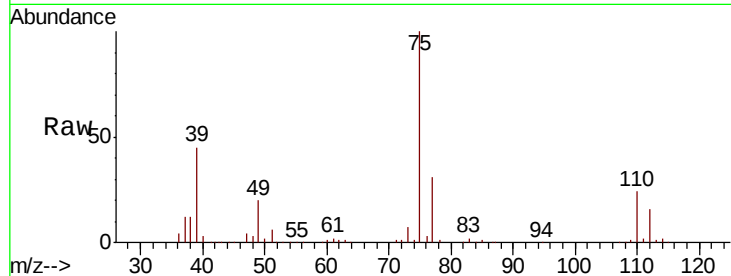
VSTDCCC050EC

Tot Ion: 75 Resp: 234402

Ion Ratio Lower Upper

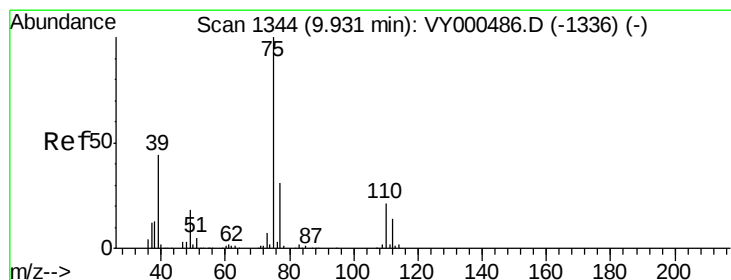
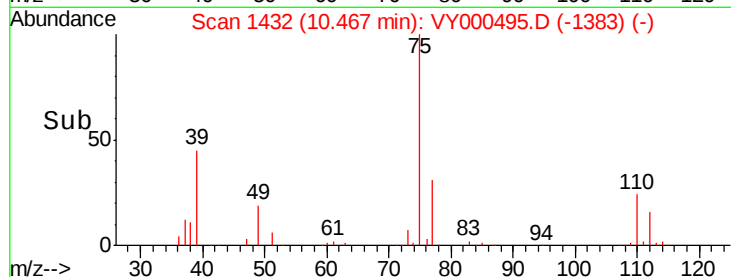
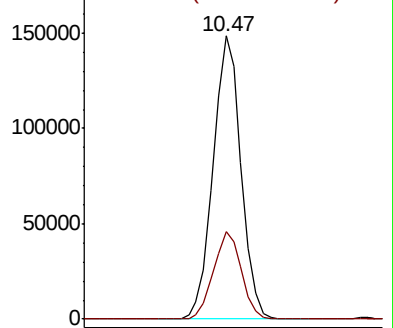
75 100

77 30.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 54.632 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

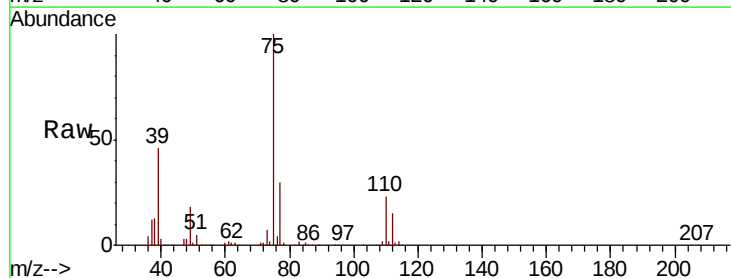
Tgt Ion: 75 Resp: 266529

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7

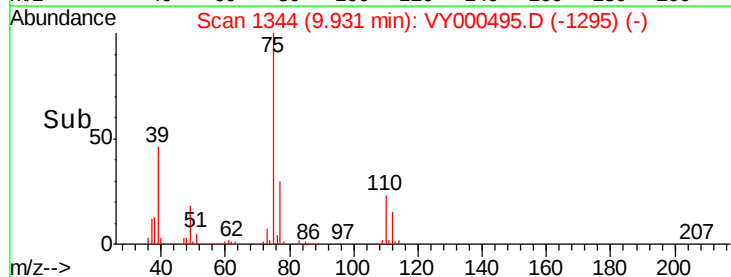
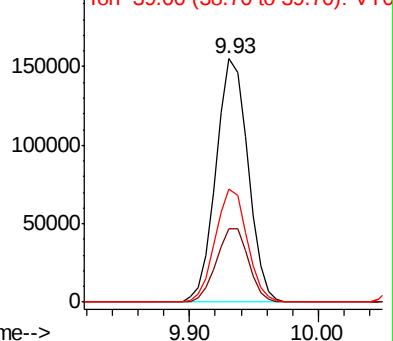
39 46.2 35.4 53.2

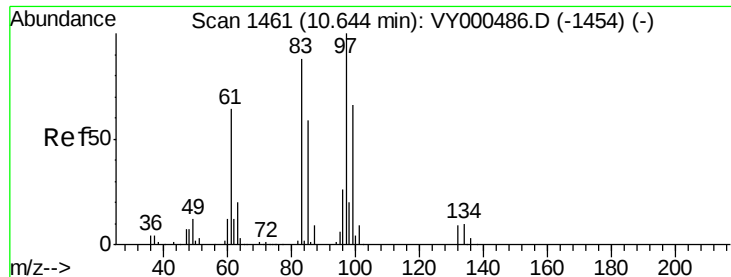


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

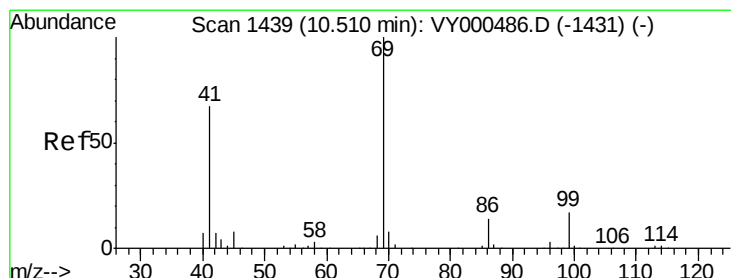
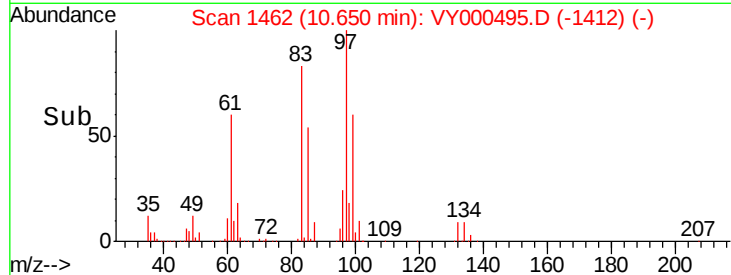
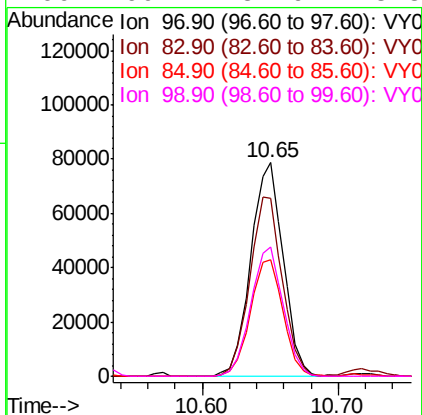
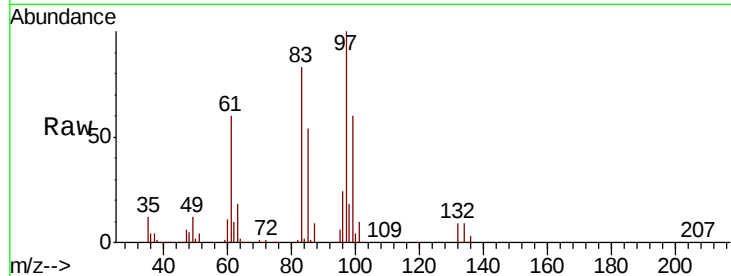




#55
 1,1,2-Trichloroethane
 Concen: 54.243 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

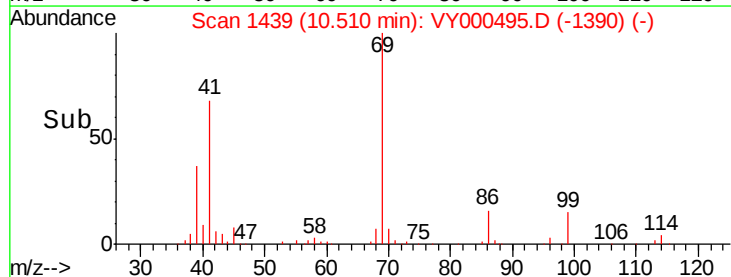
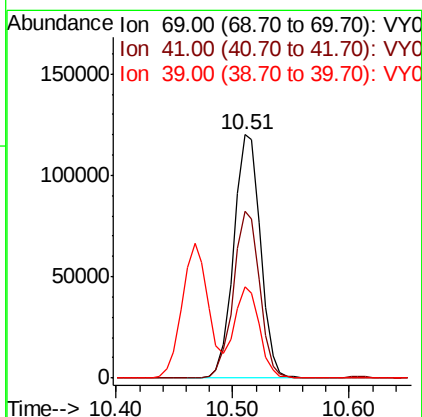
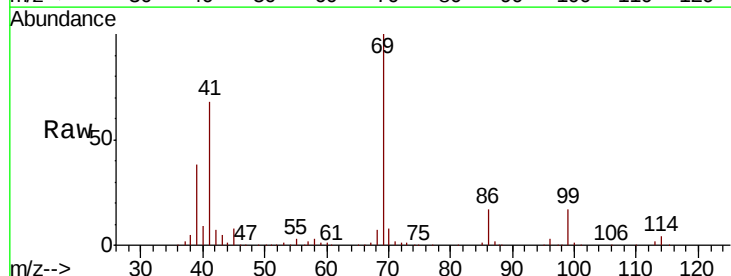
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 131781
 Ion Ratio Lower Upper
 97 100
 83 83.4 70.2 105.4
 85 54.3 46.9 70.3
 99 60.4 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 55.807 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 69 Resp: 192164
 Ion Ratio Lower Upper
 69 100
 41 66.7 53.3 79.9
 39 34.6 28.0 42.0





#57

1,3-Dichloropropane

Concen: 53.879 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

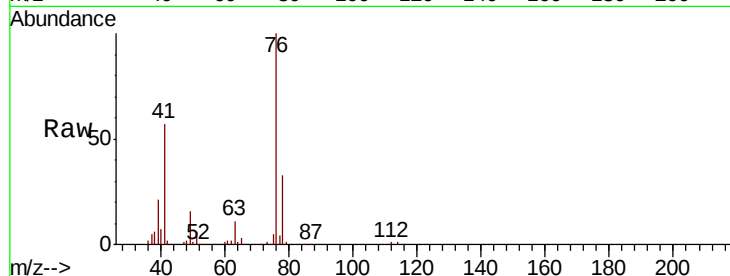
VSTDCCC050EC

Tot Ion: 76 Resp: 229099

Ion Ratio Lower Upper

76 100

78 32.6 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

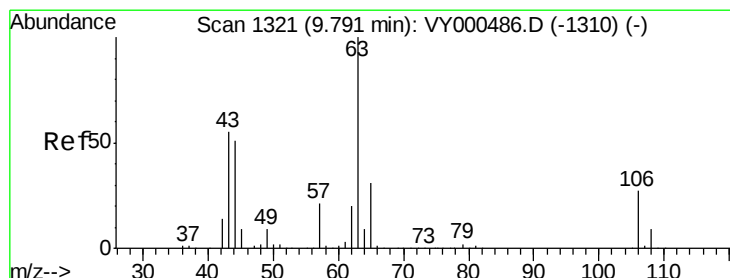
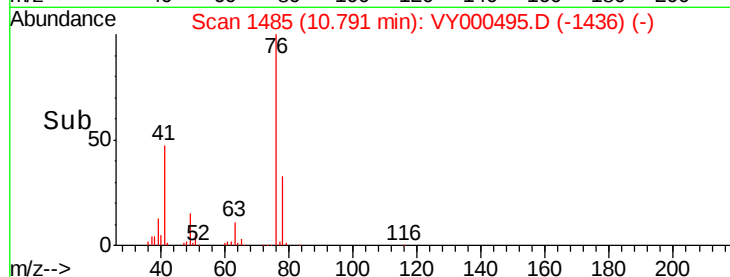
150000

100000

50000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 252.450 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000495.D

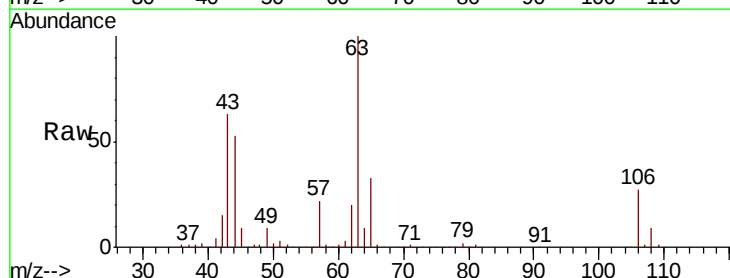
Acq: 30 Oct 2019 17:46

Tgt Ion: 63 Resp: 392990

Ion Ratio Lower Upper

63 100

106 27.5 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

250000

200000

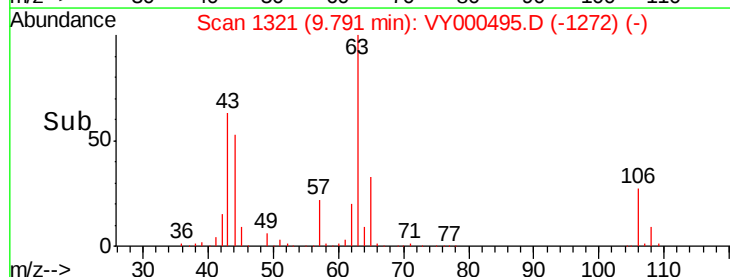
150000

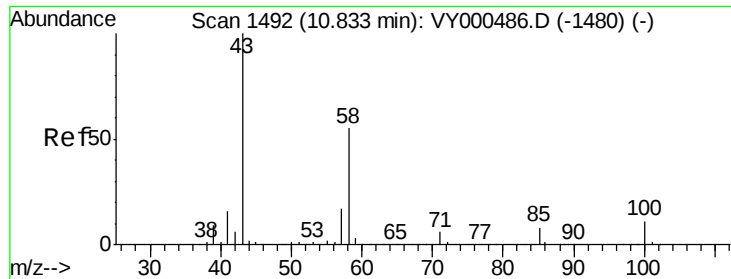
100000

50000

0

Time--> 9.70 9.75 9.80 9.85 9.90

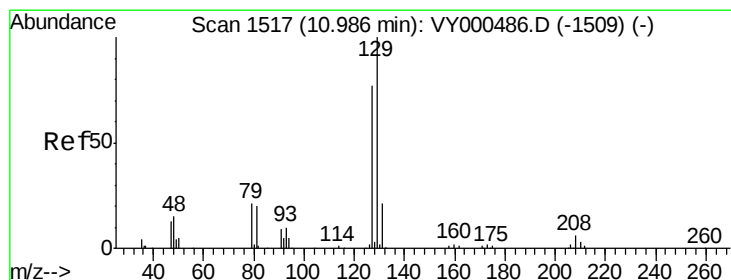
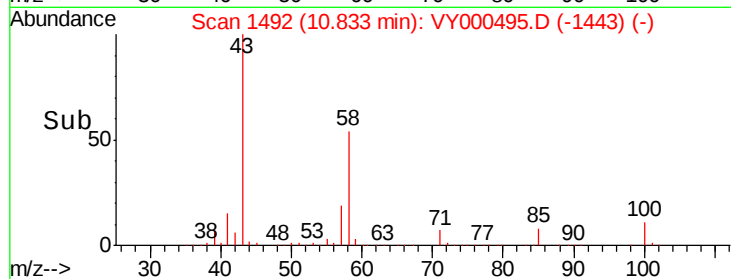
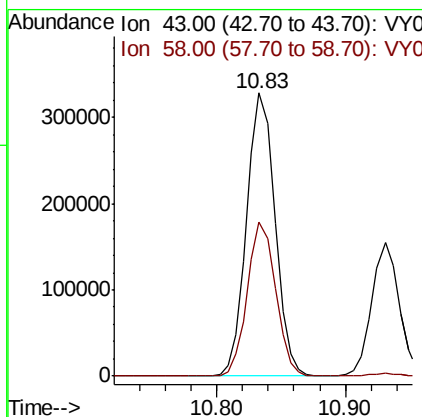
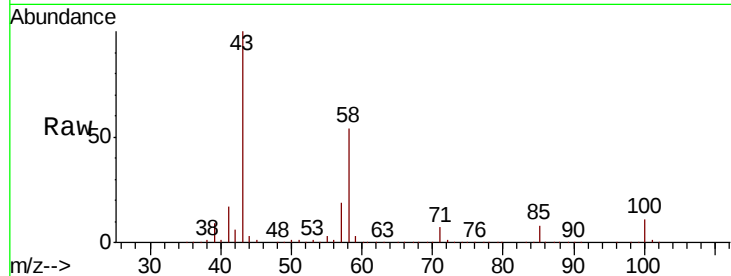




#59
2-Hexanone
Concen: 273.515 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

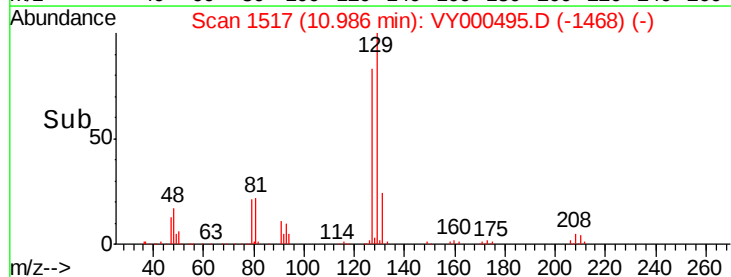
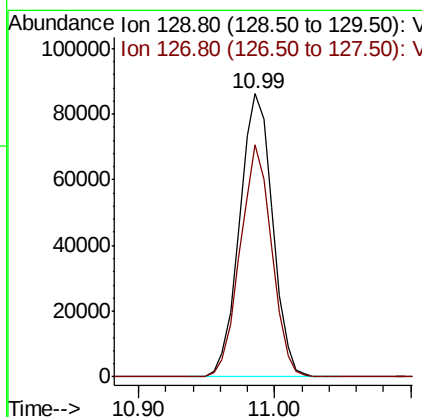
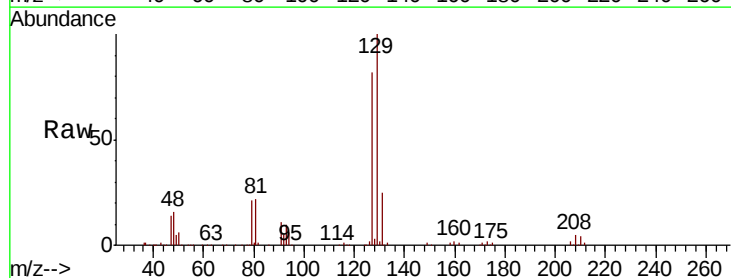
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

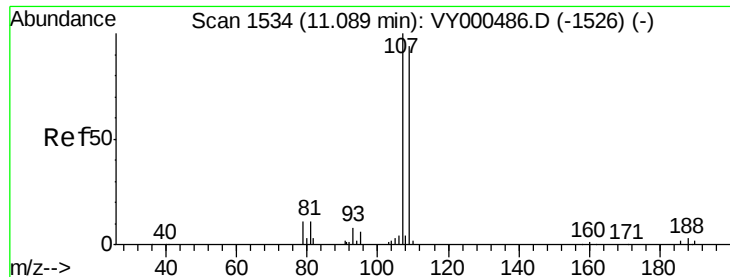
Tot Ion: 43 Resp: 500168
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 52.520 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 129 Resp: 146151
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2

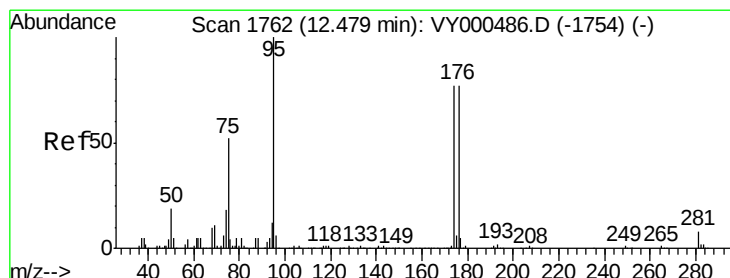
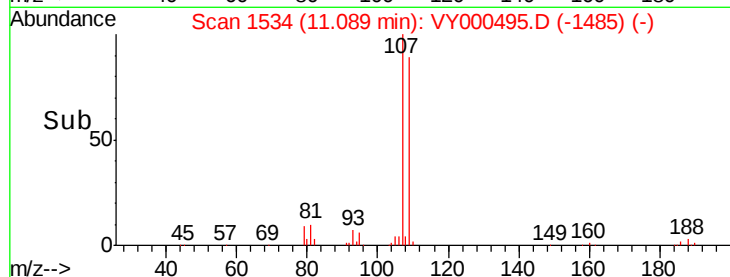
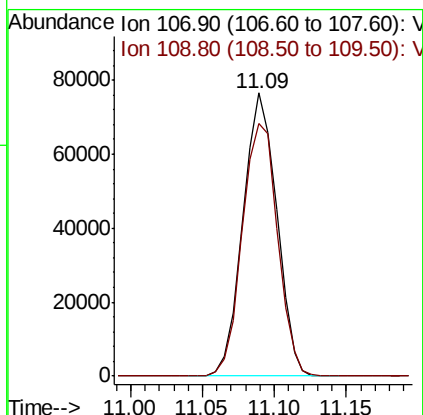
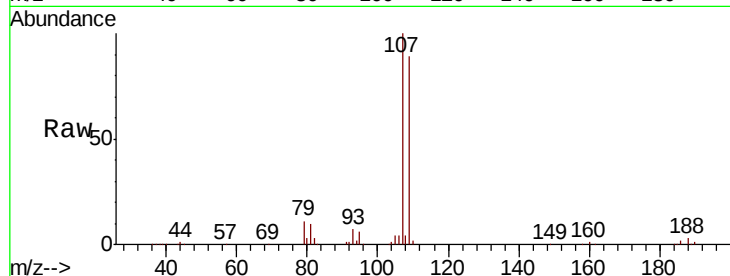




#61
 1,2-Dibromoethane
 Concen: 53.398 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

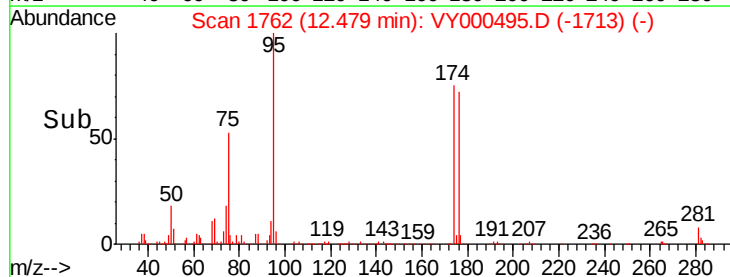
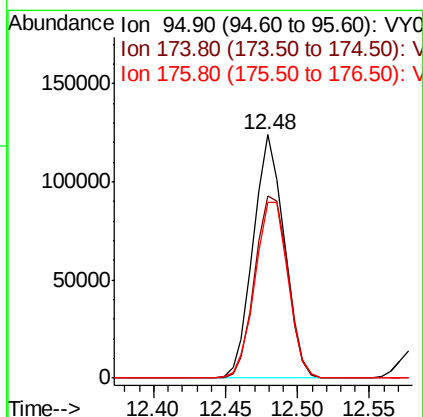
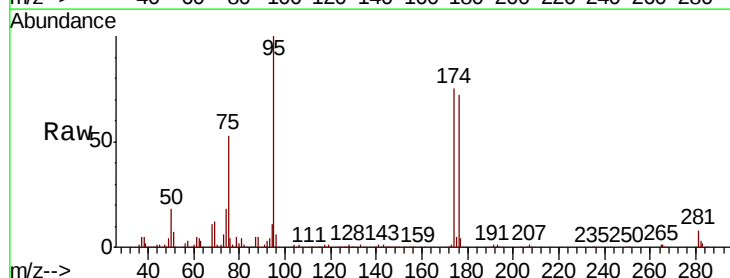
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 124733
 Ion Ratio Lower Upper
 107 100
 109 93.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.701 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 95 Resp: 184917
 Ion Ratio Lower Upper
 95 100
 174 80.1 0.0 161.6
 176 76.9 0.0 157.8

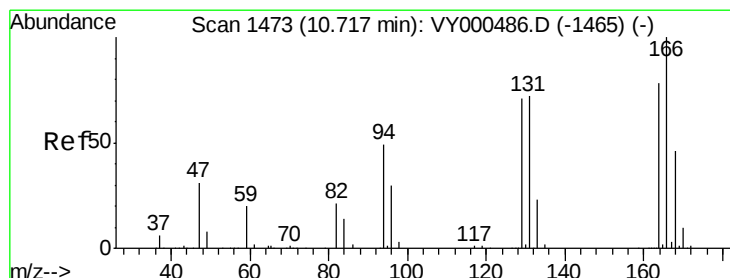
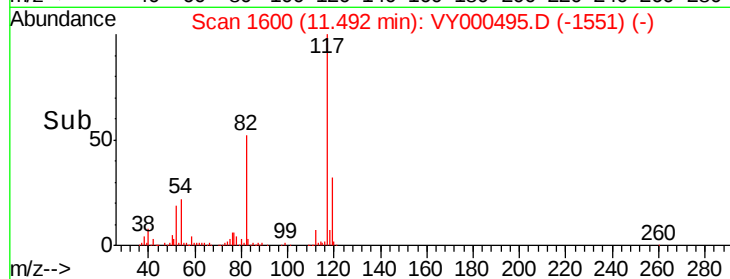
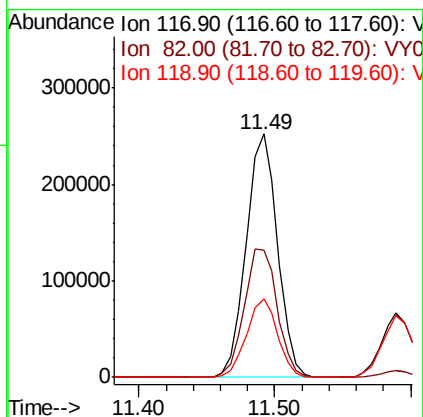
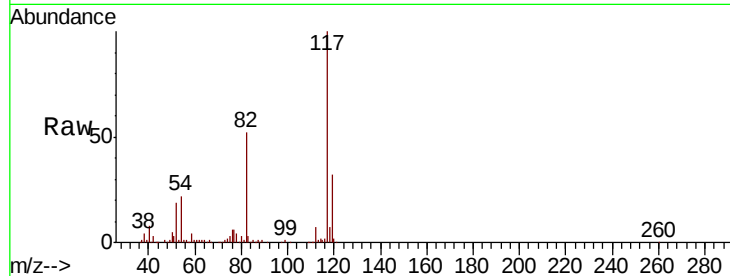




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

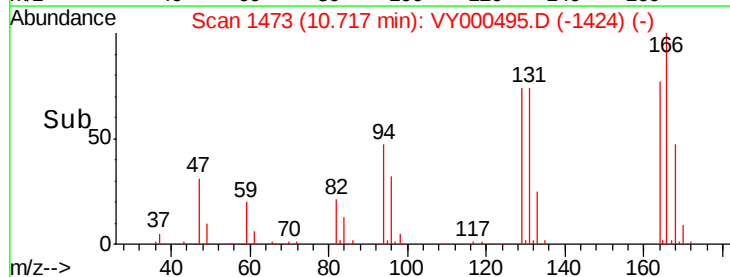
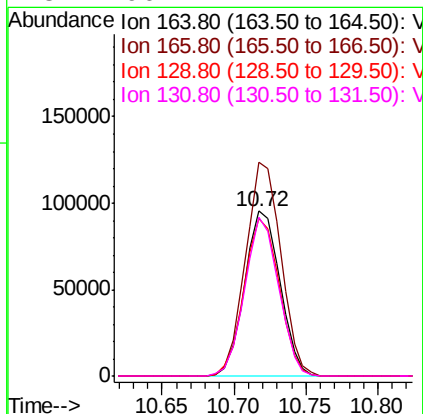
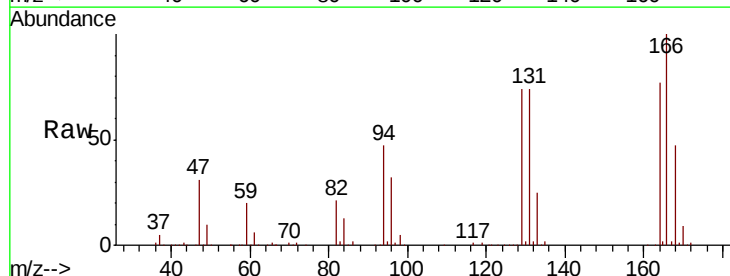
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

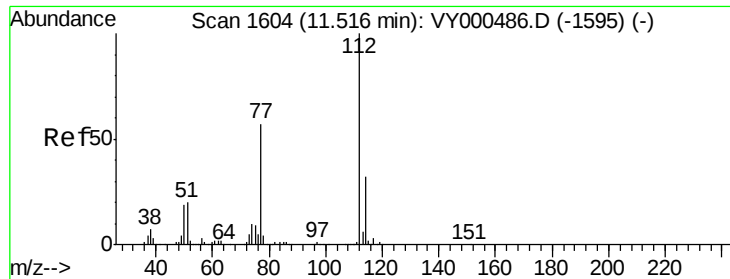
Tot Ion:117 Resp: 407220
Ion Ratio Lower Upper
117 100
82 52.4 40.8 61.2
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:164 Resp: 162222
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 95.9 73.2 109.8
131 96.4 74.2 111.2

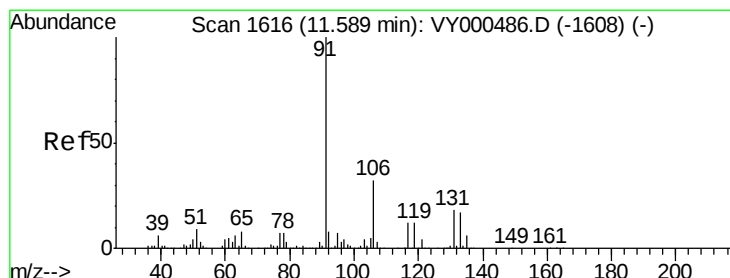
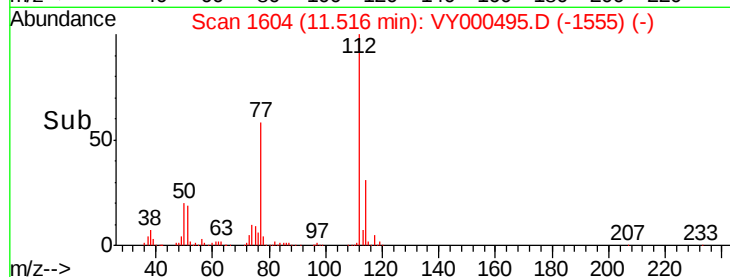
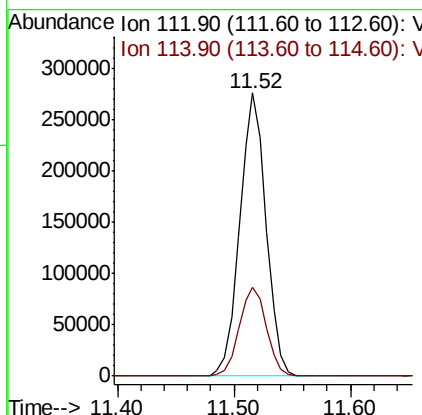
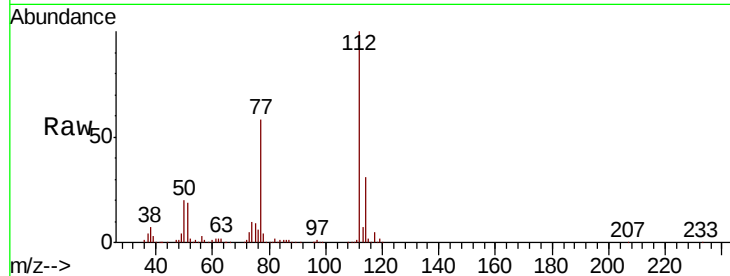




#65
Chlorobenzene
Concen: 52.400 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

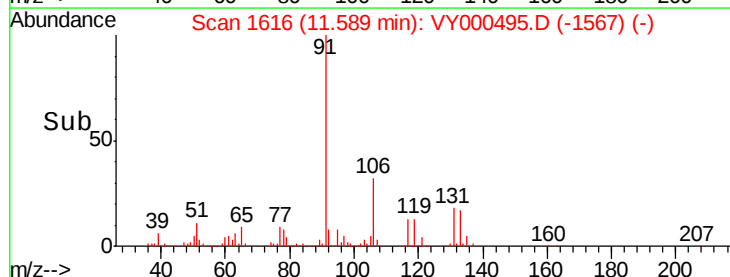
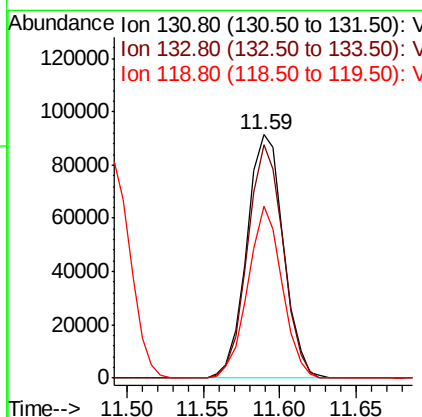
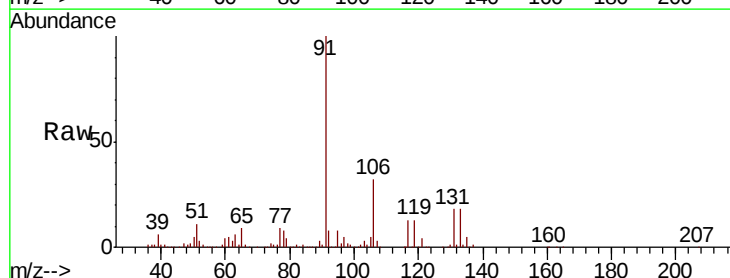
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

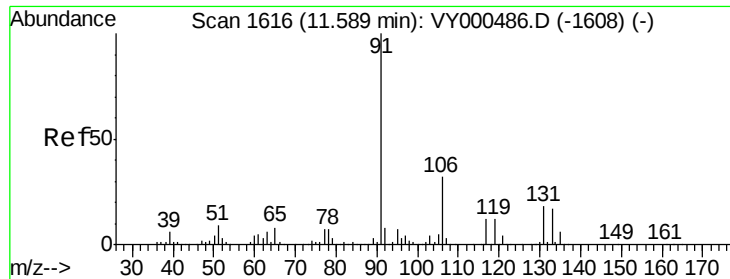
Tot Ion:112 Resp: 432630
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.363 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:131 Resp: 152799
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 66.0 33.1 99.3

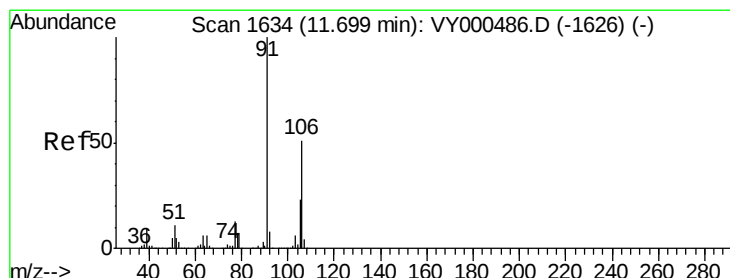
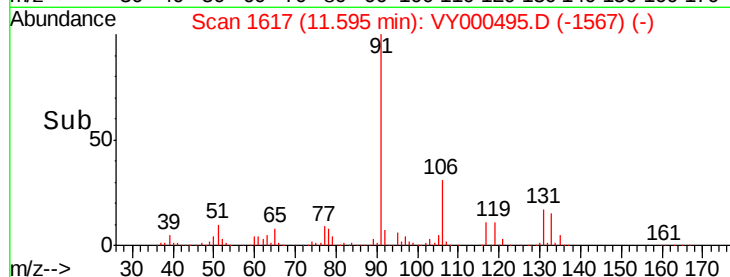
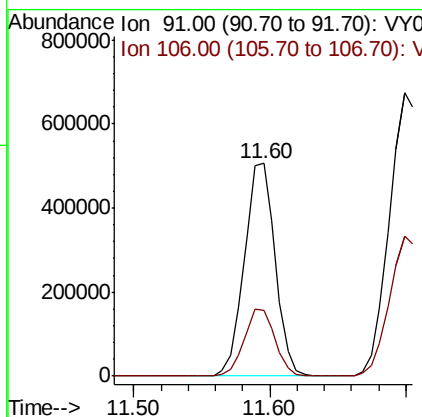
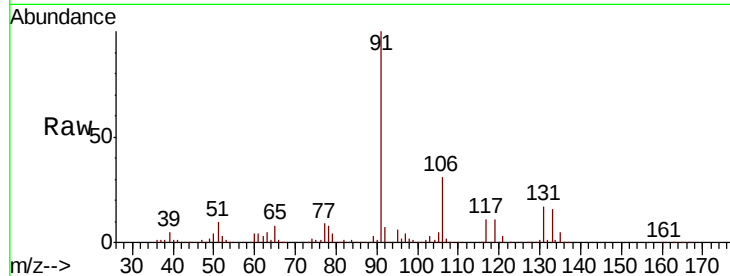




#67
Ethyl Benzene
Concen: 52.802 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

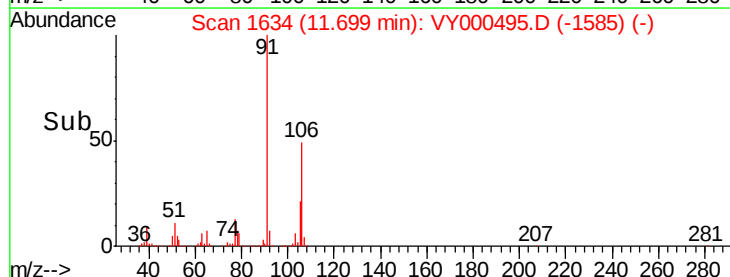
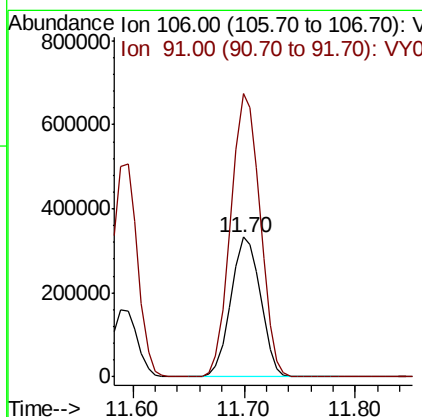
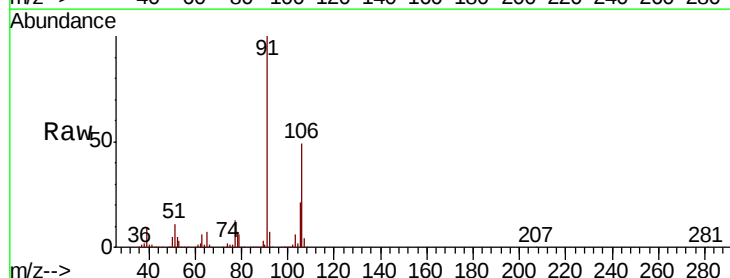
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

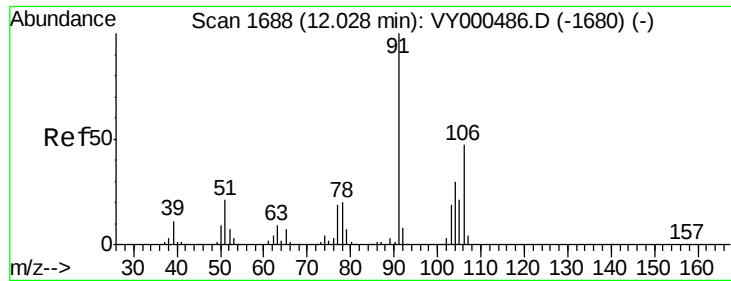
Tot Ion: 91 Resp: 802330
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 104.104 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 106 Resp: 612253
Ion Ratio Lower Upper
106 100
91 201.6 155.9 233.9

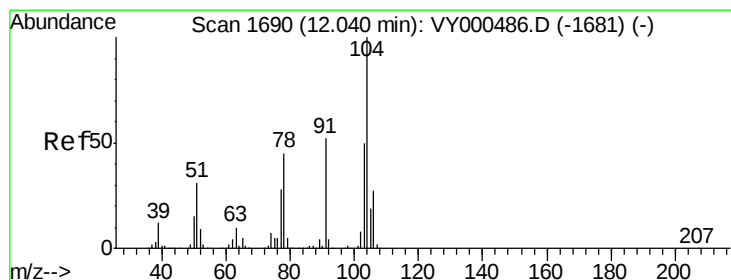
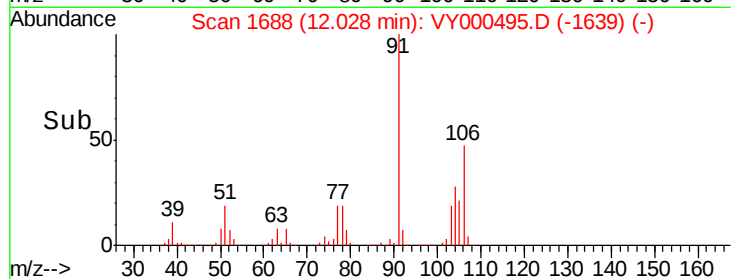
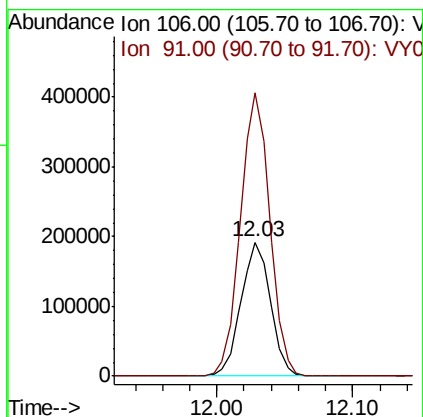
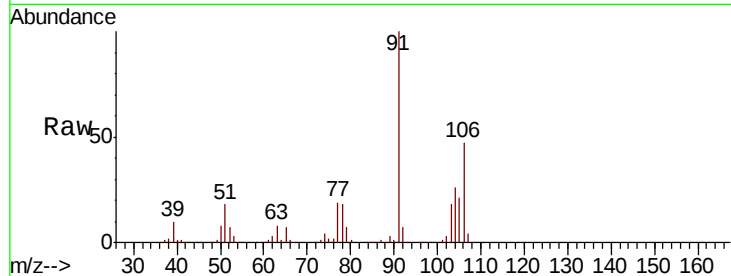




#69
o-Xylene
Concen: 52.366 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

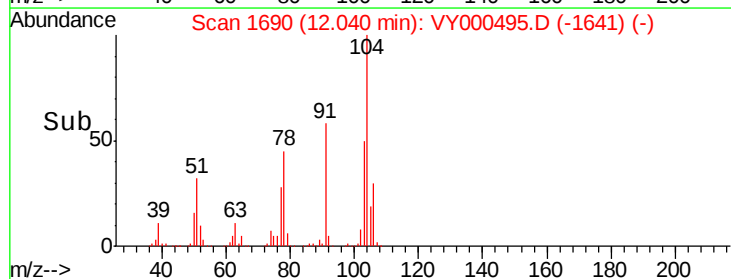
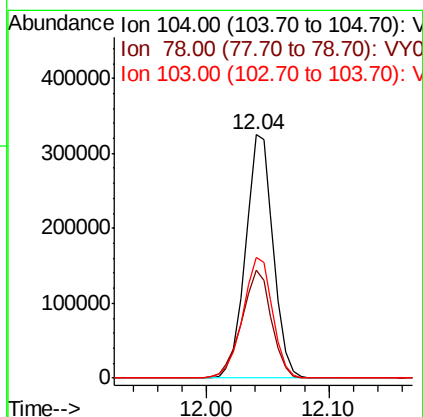
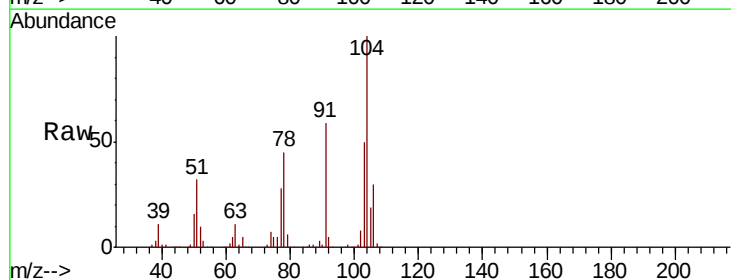
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

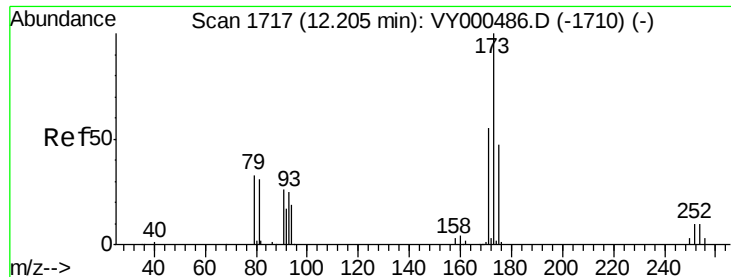
Tot Ion:106 Resp: 289441
Ion Ratio Lower Upper
106 100
91 211.7 106.5 319.6



#70
Styrene
Concen: 53.717 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:104 Resp: 508415
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.4
103 53.6 42.5 63.7





#71

Bromoform

Concen: 54.815 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

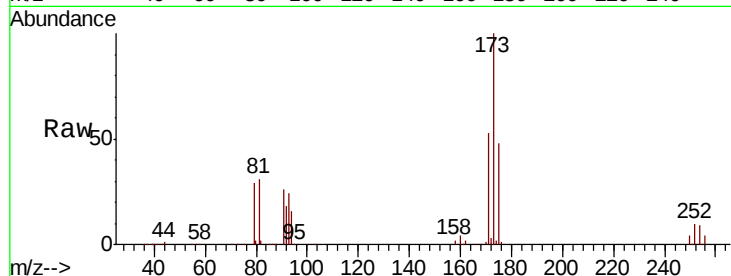
Tot Ion:173 Resp: 90278

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.2

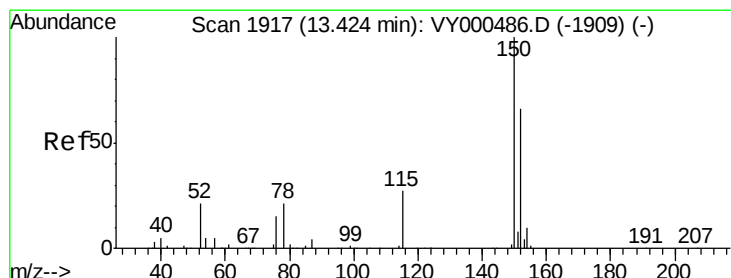
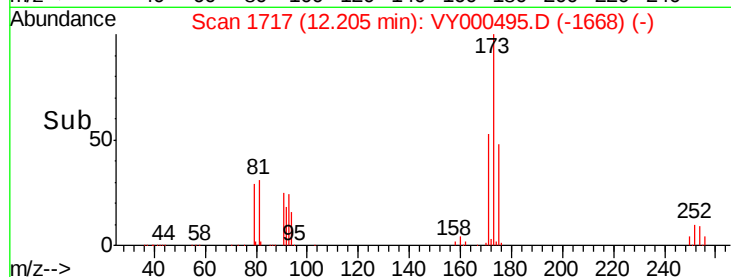
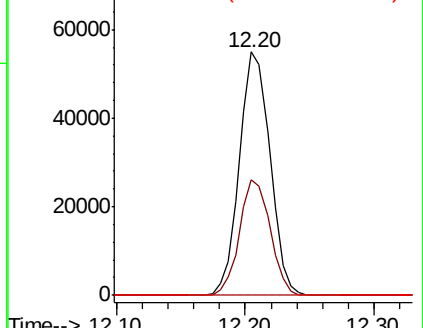
254 0.1 0.1 0.1#



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: VY000495.D

Acq: 30 Oct 2019 17:46

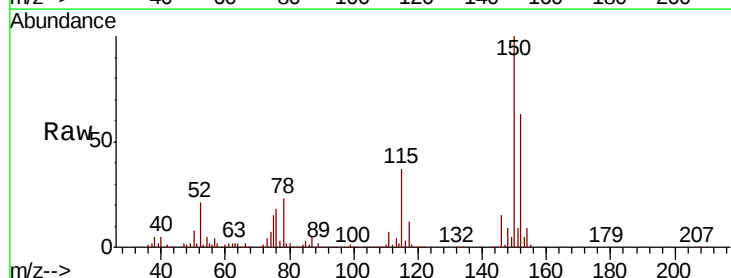
Tgt Ion:152 Resp: 209328

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.4

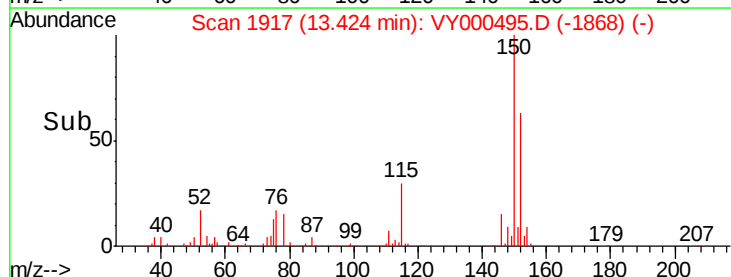
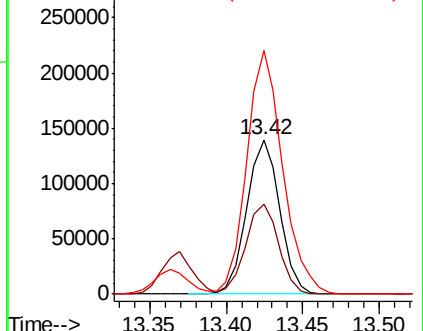
150 172.0 0.0 348.8

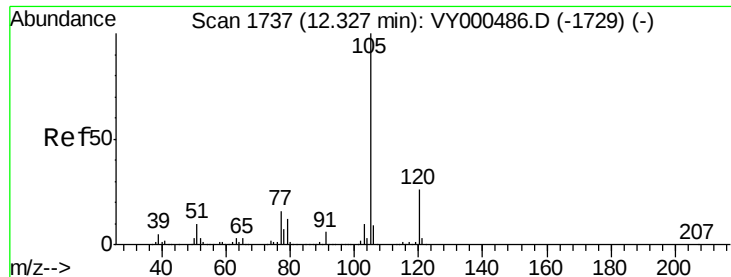


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.720 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

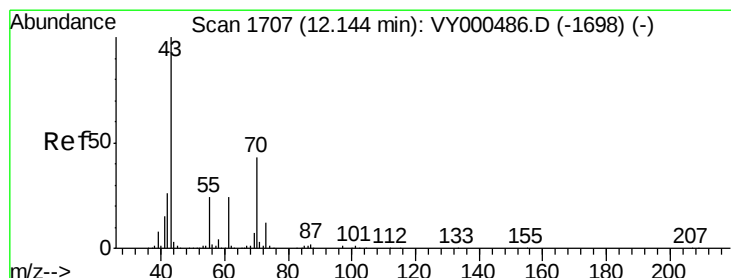
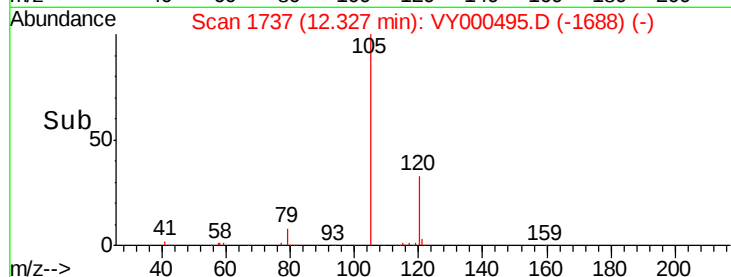
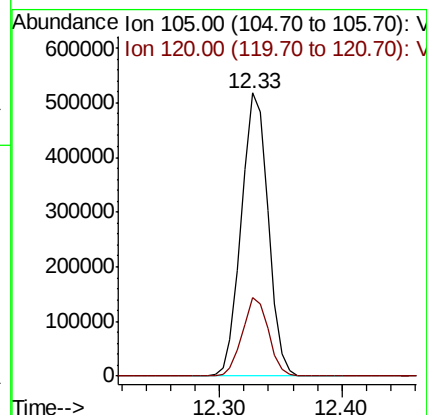
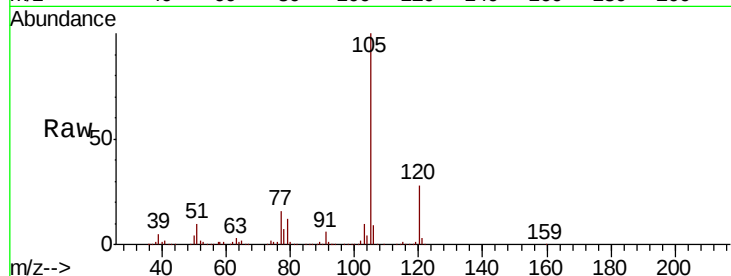
VSTDCCC050EC

Tot Ion:105 Resp: 784693

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 54.485 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Tgt Ion: 43 Resp: 241413

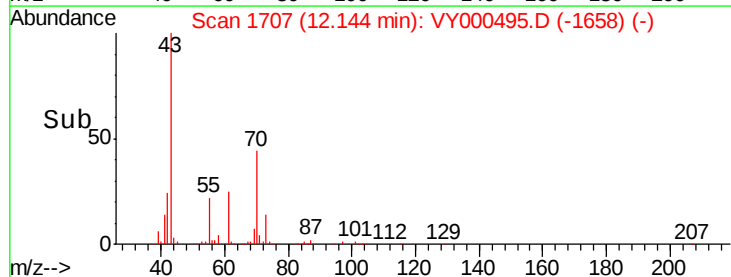
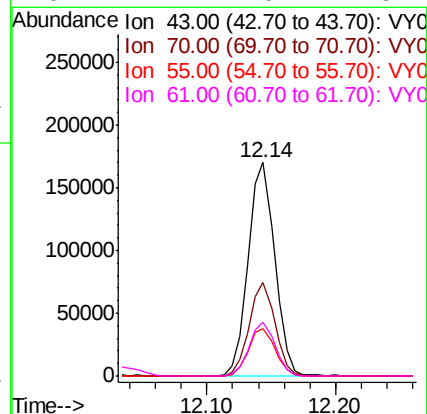
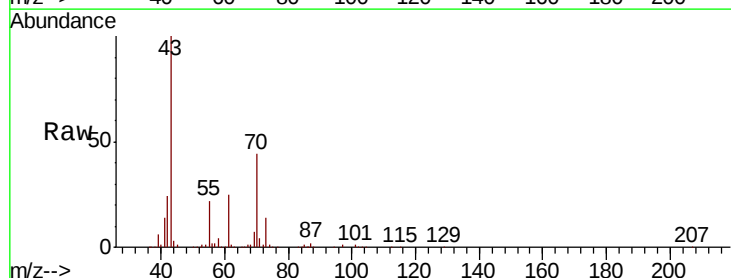
Ion Ratio Lower Upper

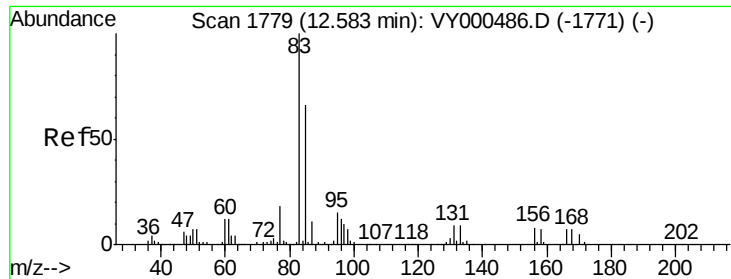
43 100

70 42.6 33.1 49.7

55 22.7 18.0 27.0

61 24.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.625 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

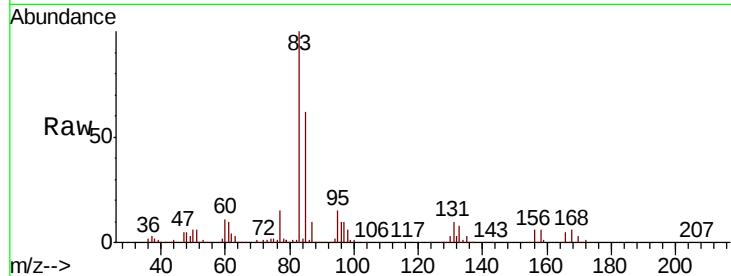
Tot Ion: 83 Resp: 161205

Ion Ratio Lower Upper

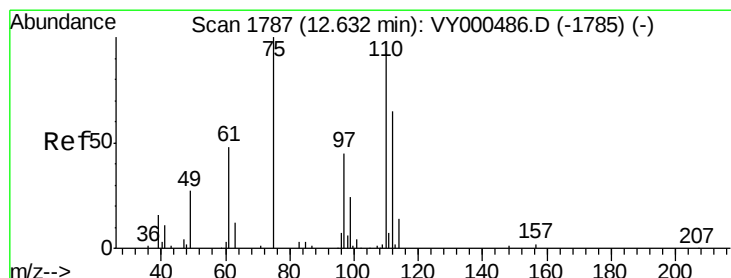
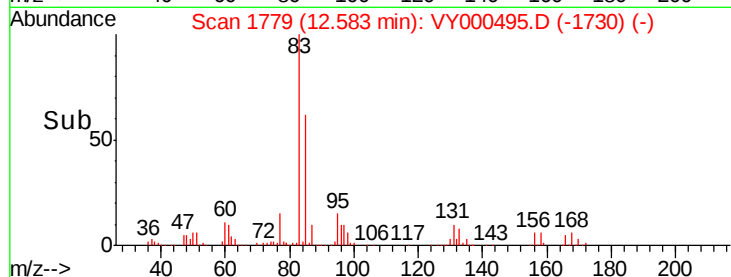
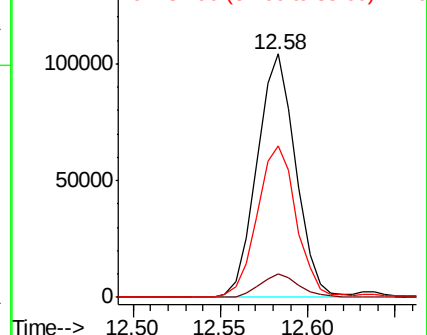
83 100

131 9.8 5.0 14.9

85 63.4 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: 90.482 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000495.D

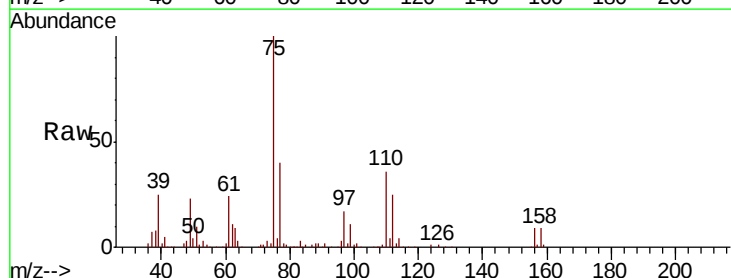
Acq: 30 Oct 2019 17:46

Tgt Ion: 75 Resp: 215663

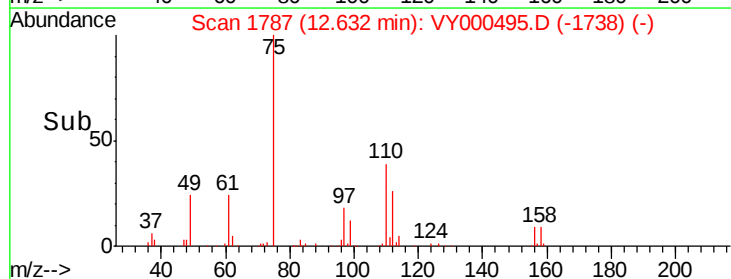
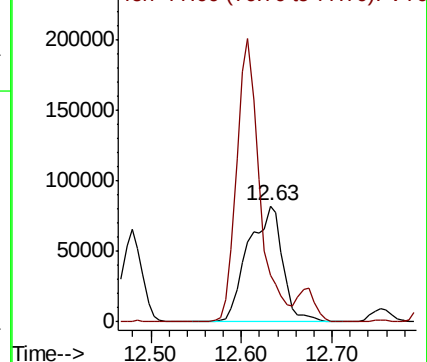
Ion Ratio Lower Upper

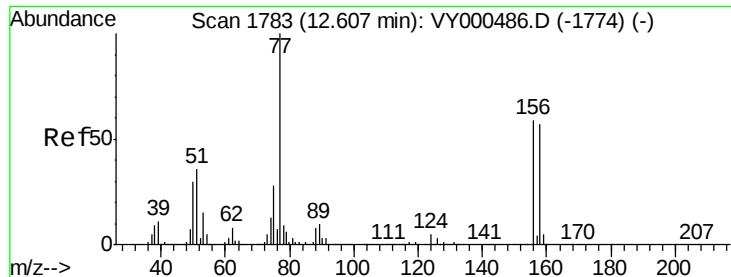
75 100

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: 49.854 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

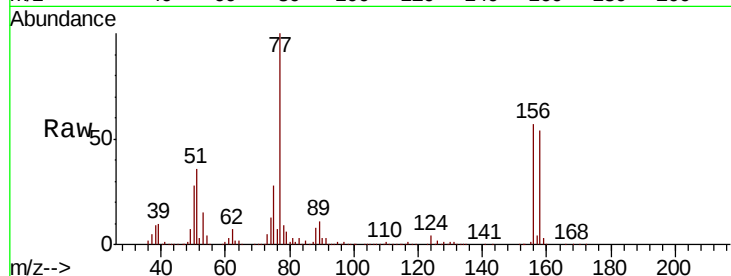
Tot Ion:156 Resp: 174904

Ion Ratio Lower Upper

156 100

77 203.9 98.2 294.4

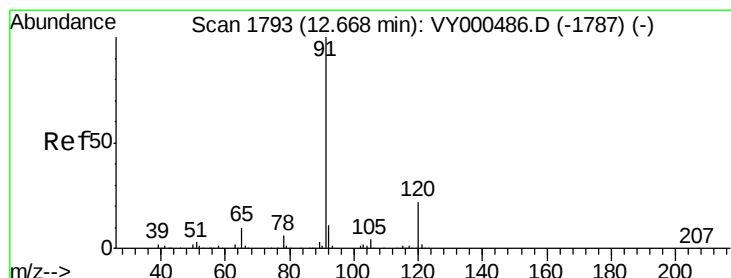
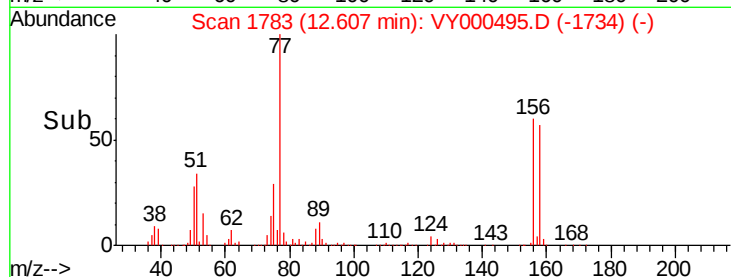
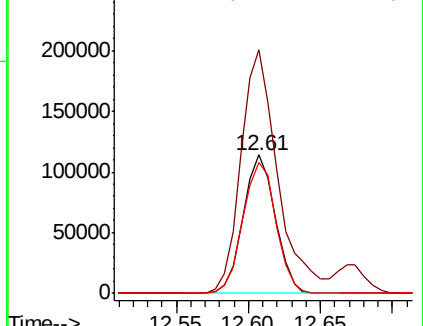
158 97.4 49.6 149.0



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: 50.967 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000495.D

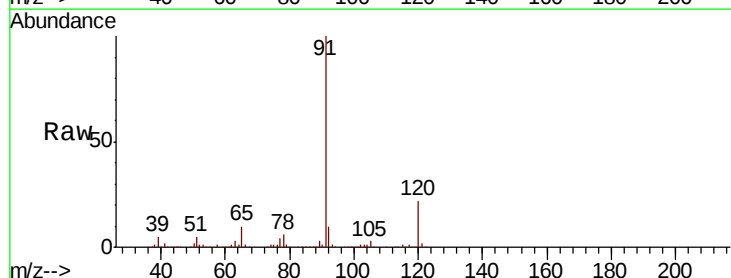
Acq: 30 Oct 2019 17:46

Tgt Ion: 91 Resp: 951400

Ion Ratio Lower Upper

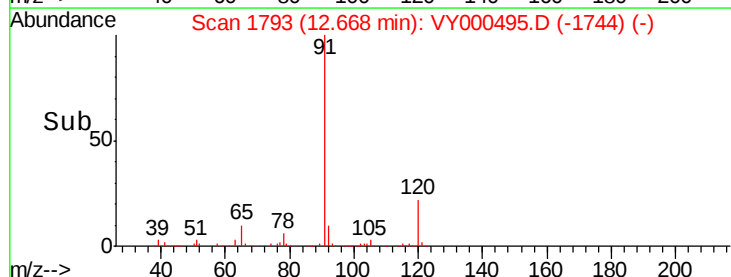
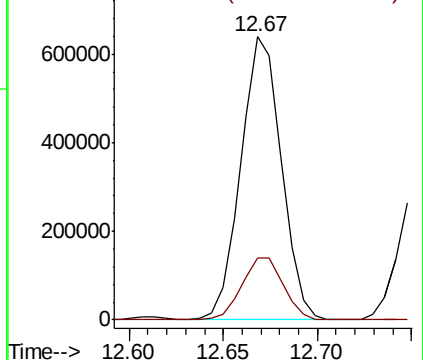
91 100

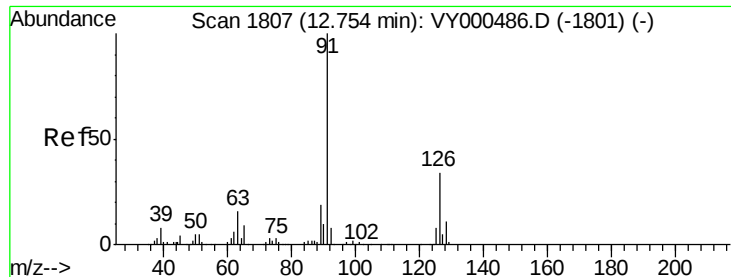
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

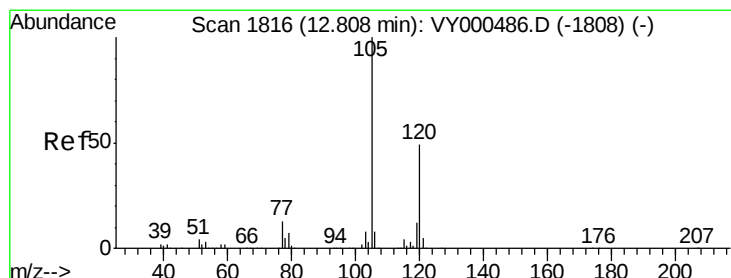
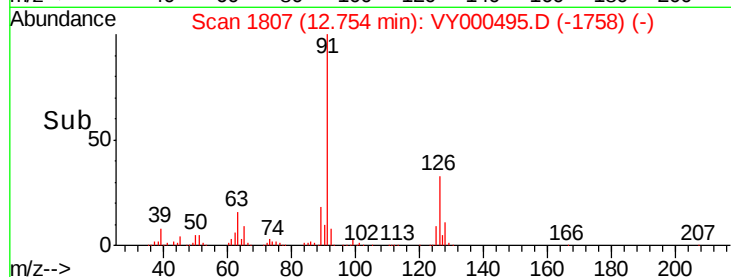
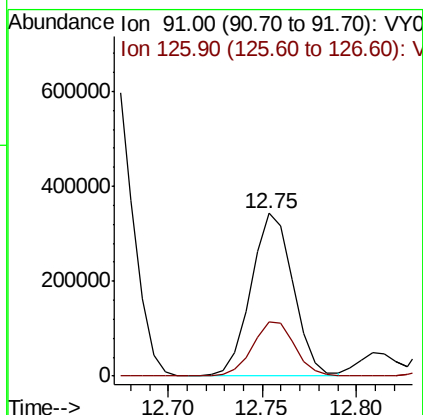
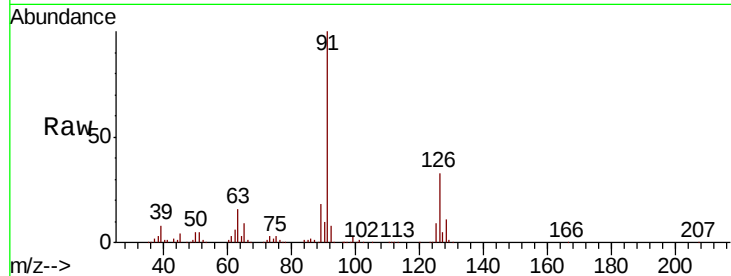




#79
 2-Chlorotoluene
 Concen: 51.248 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

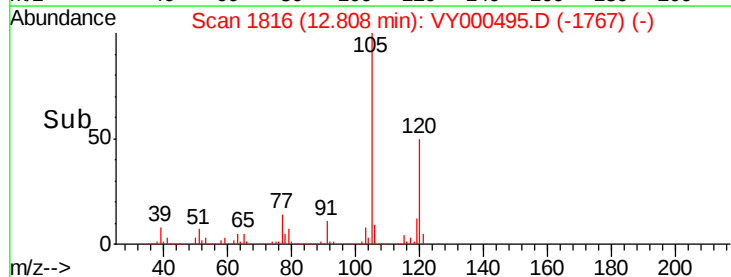
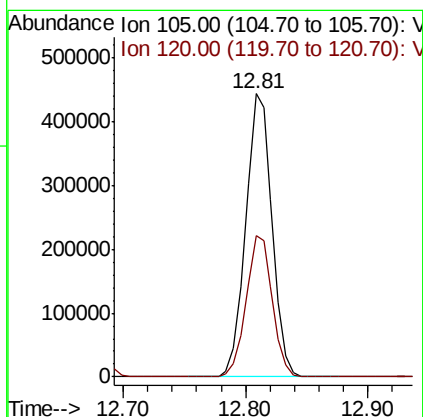
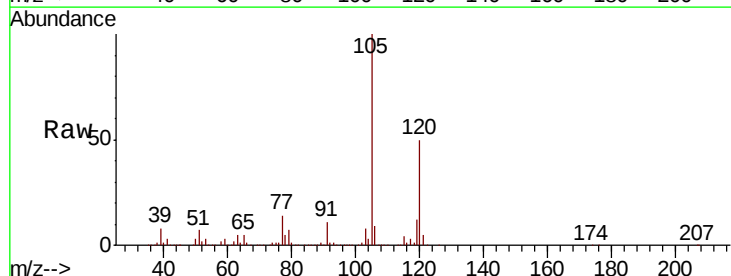
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

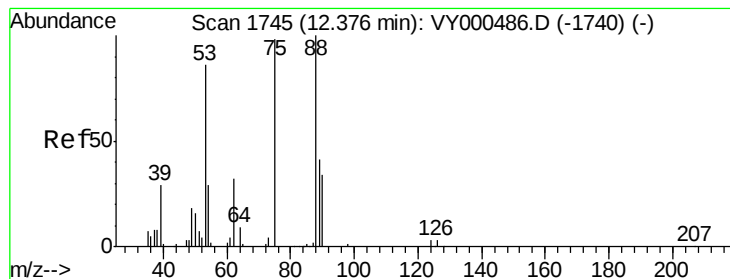
Tot Ion: 91 Resp: 531084
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.288 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion: 105 Resp: 660842
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.196 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

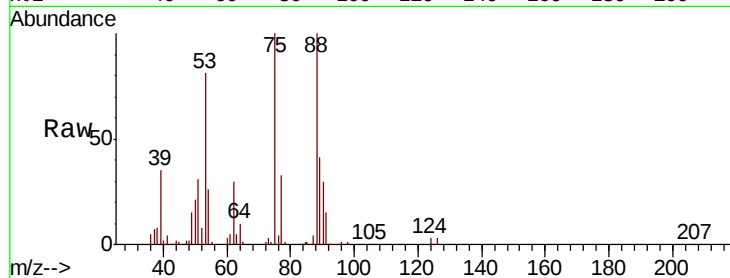
Tot Ion: 75 Resp: 59739

Ion Ratio Lower Upper

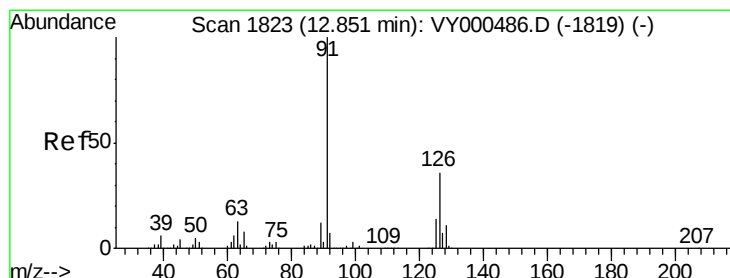
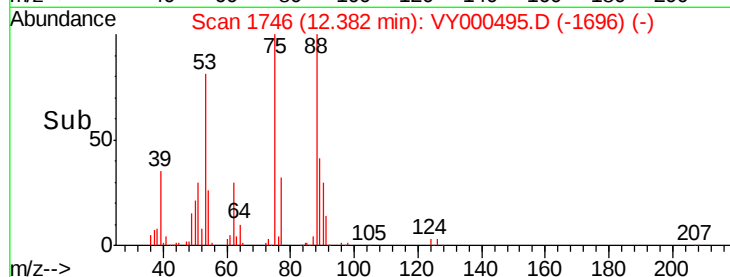
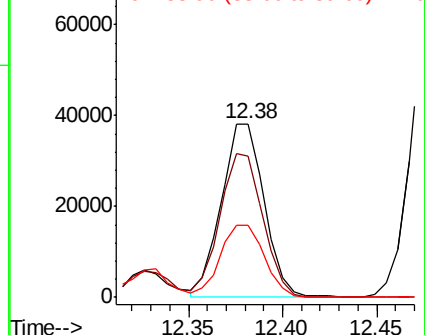
75 100

53 83.8 73.2 109.8

89 43.1 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: 52.588 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000495.D

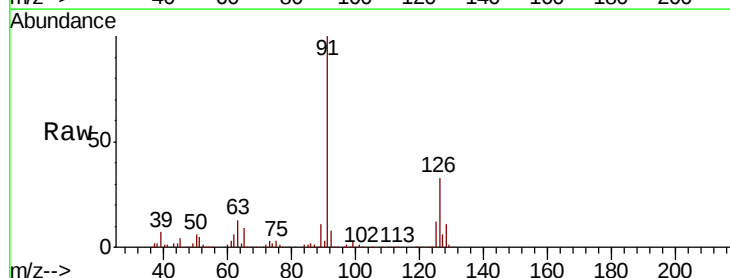
Acq: 30 Oct 2019 17:46

Tgt Ion: 91 Resp: 564908

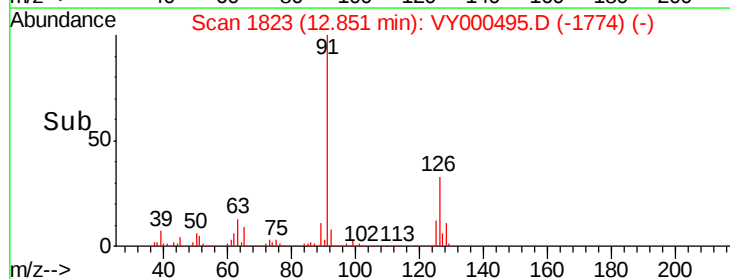
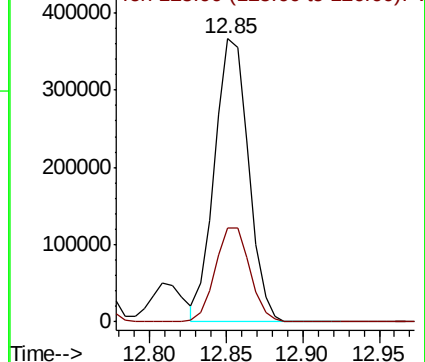
Ion Ratio Lower Upper

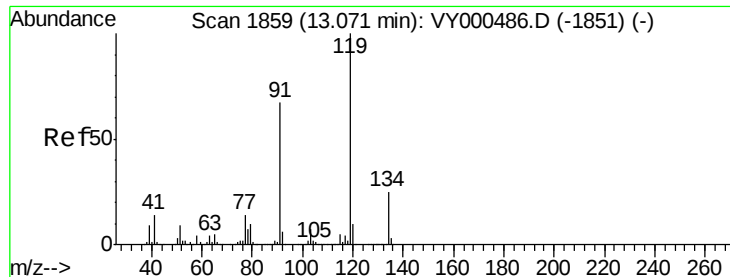
91 100

126 33.9 17.6 52.9



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

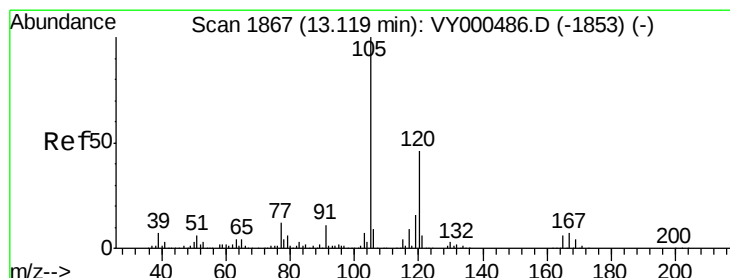
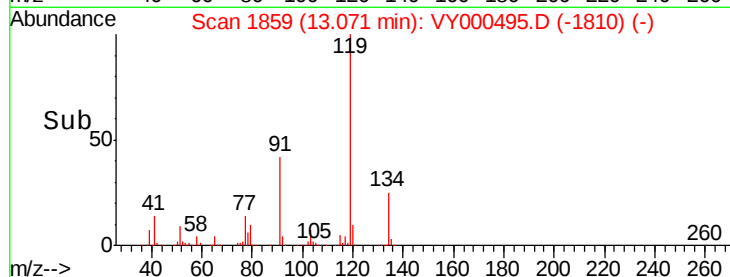
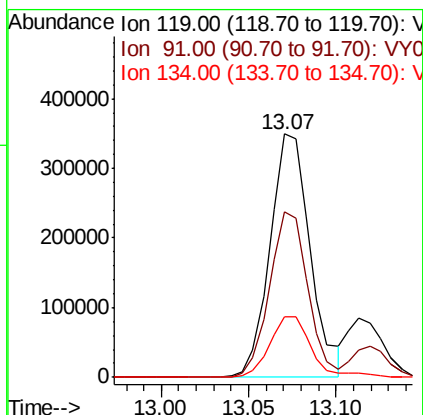
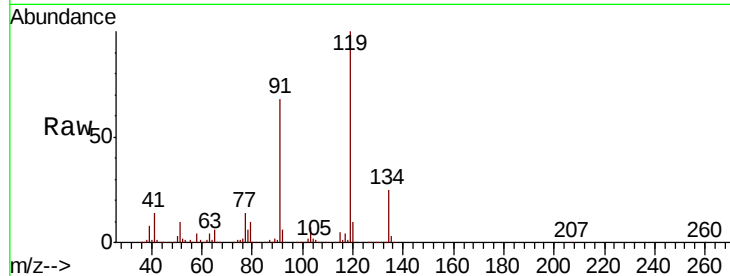




#83
tert-Butylbenzene
Concen: 50.933 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

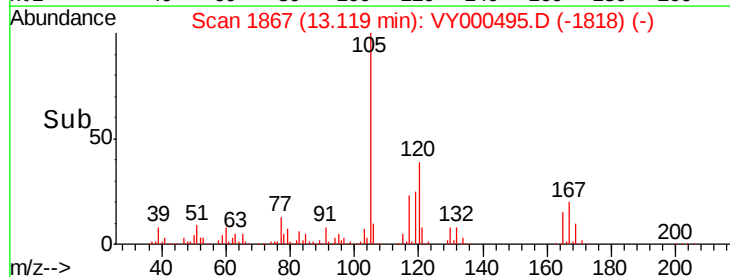
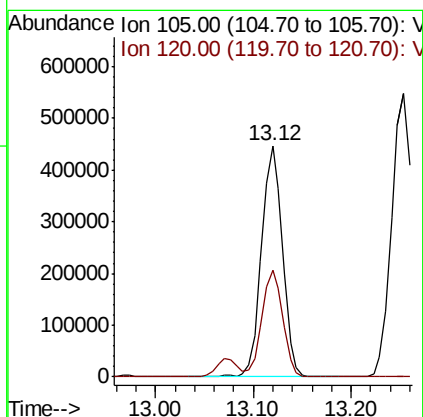
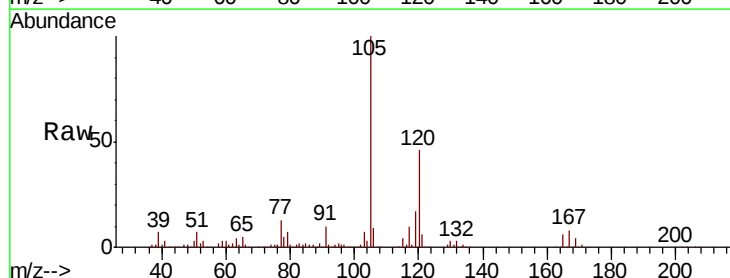
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

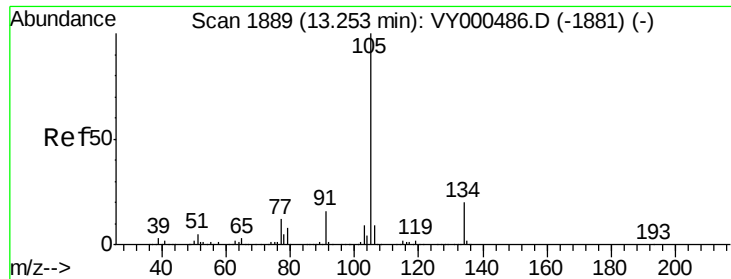
Tot Ion:119 Resp: 560352
Ion Ratio Lower Upper
119 100
91 64.8 32.1 96.3
134 26.1 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 51.792 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion:105 Resp: 664439
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.831 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

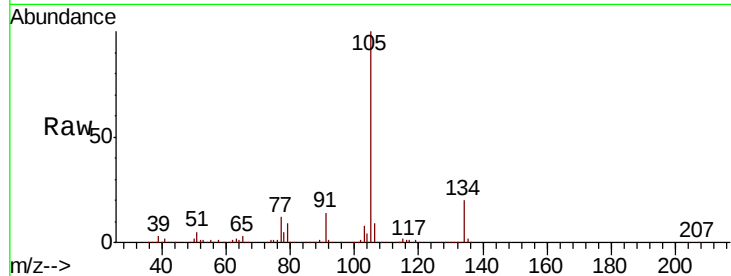
VSTDCCC050EC

Tot Ion:105 Resp: 812414

Ion Ratio Lower Upper

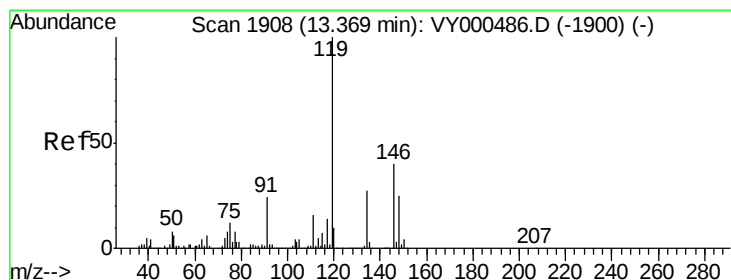
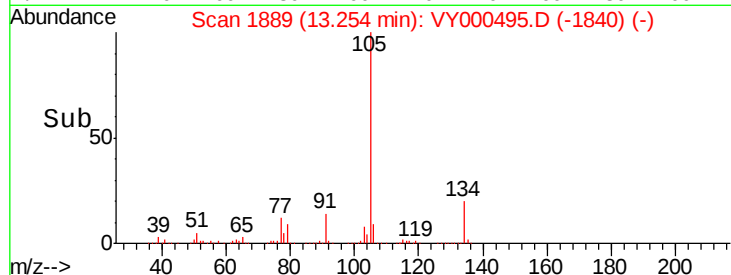
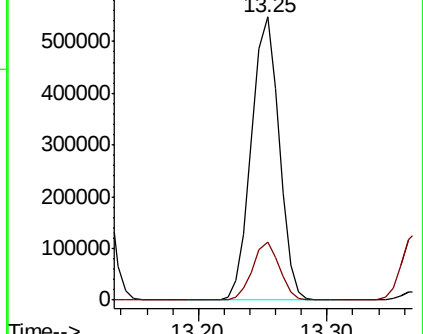
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.924 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

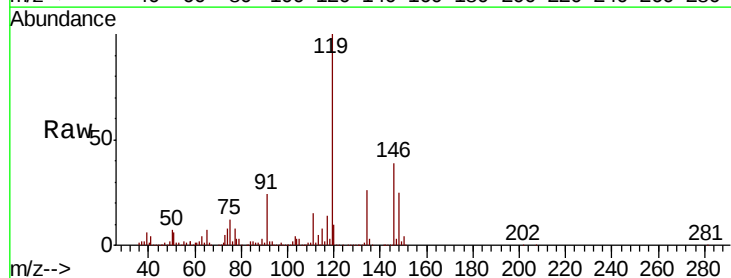
Tgt Ion:119 Resp: 711389

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

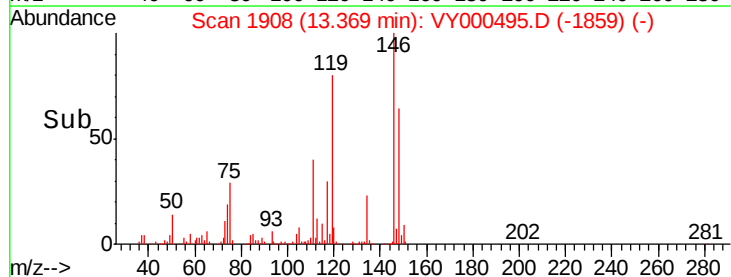
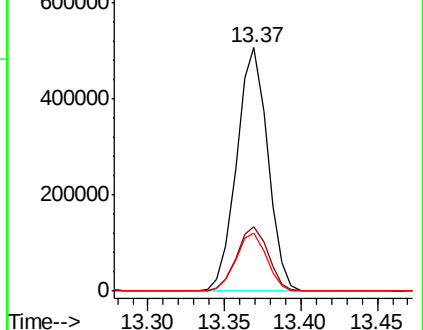
91 23.9 12.0 36.1

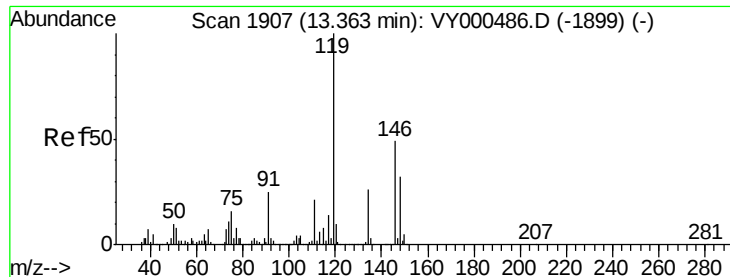


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.122 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

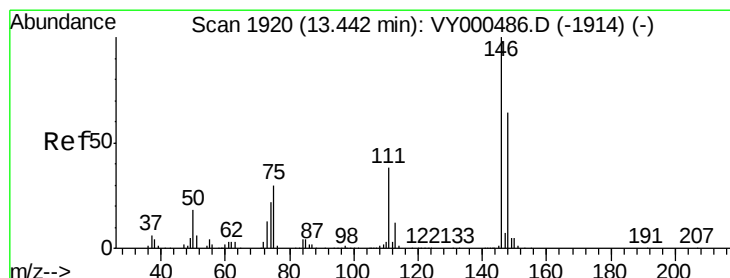
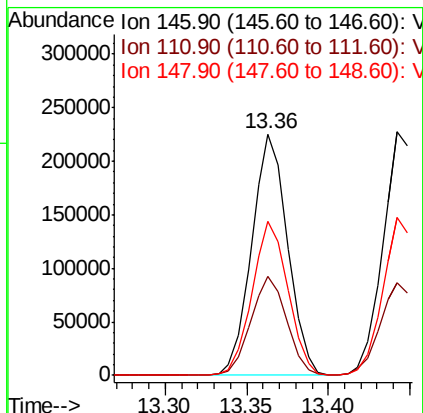
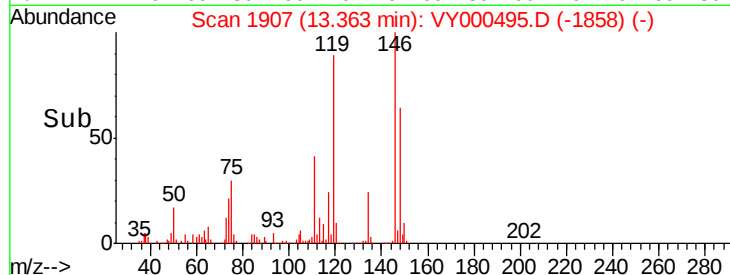
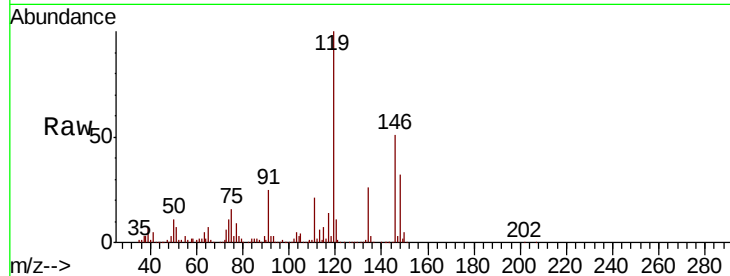
Tot Ion:146 Resp: 344424

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

148 63.6 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 50.413 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

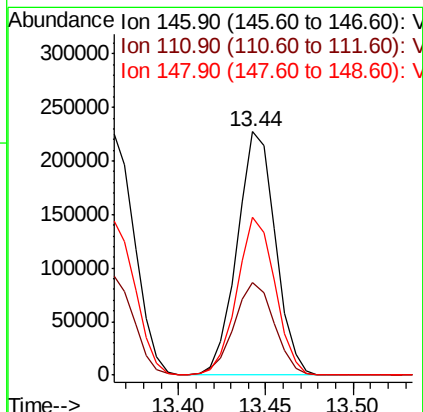
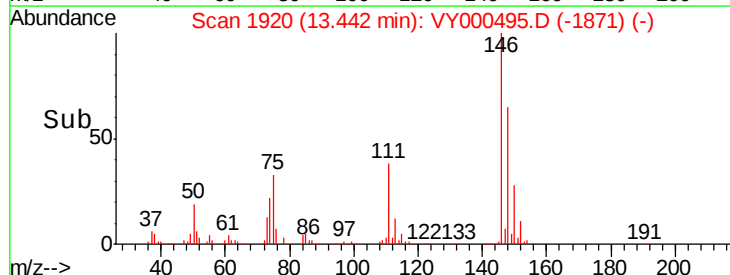
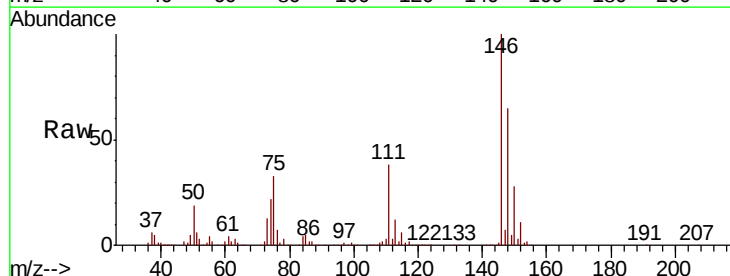
Tgt Ion:146 Resp: 346170

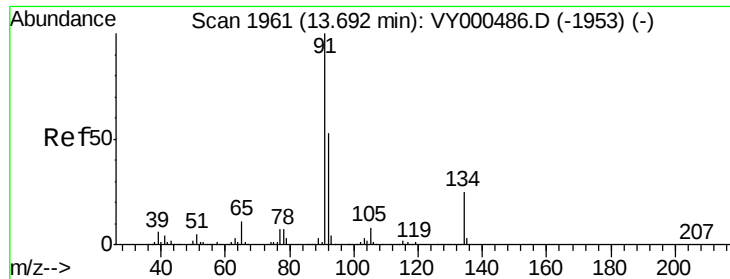
Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 64.4 31.9 95.7

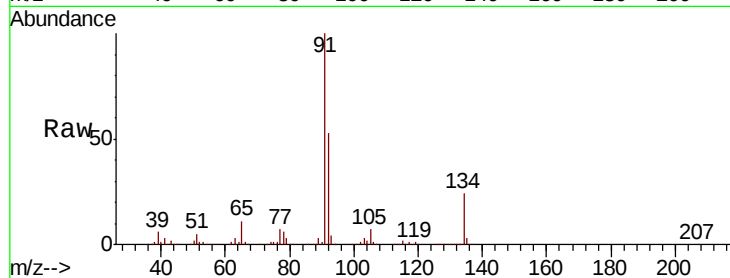




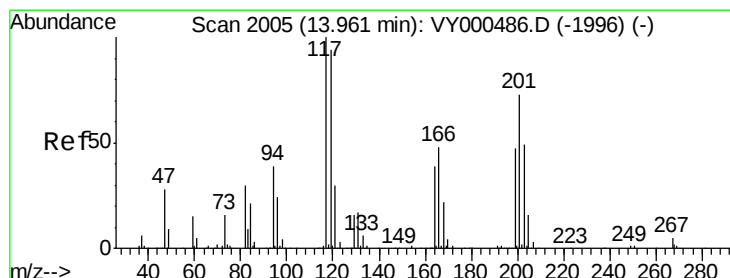
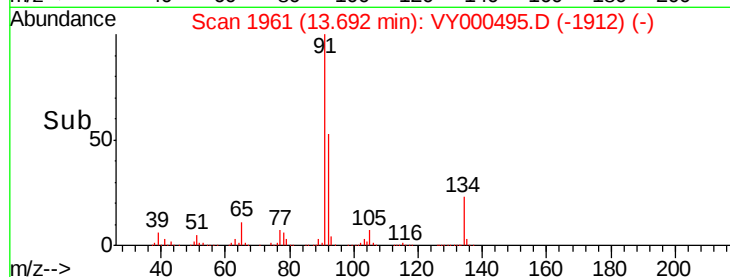
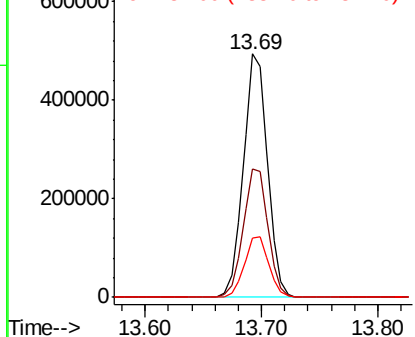
#89
n-Butylbenzene
Concen: 51.942 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 715680
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 25.2 12.9 38.7

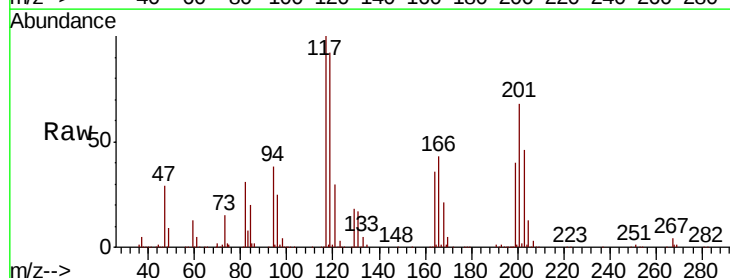


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

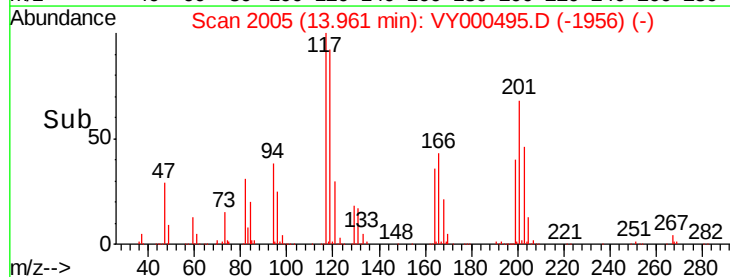
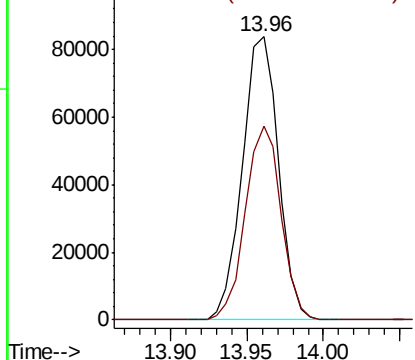


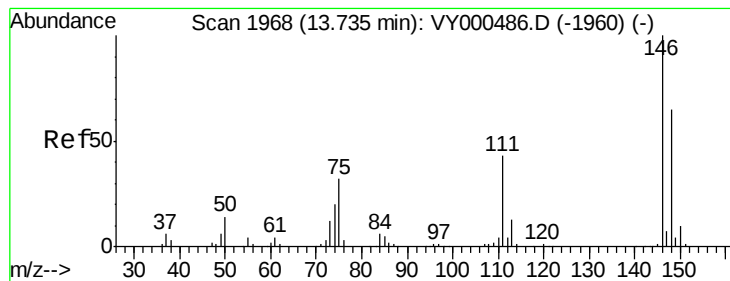
#90
Hexachloroethane
Concen: 53.095 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000495.D
Acq: 30 Oct 2019 17:46

Tgt Ion: 117 Resp: 137122
Ion Ratio Lower Upper
117 100
201 68.0 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.721 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

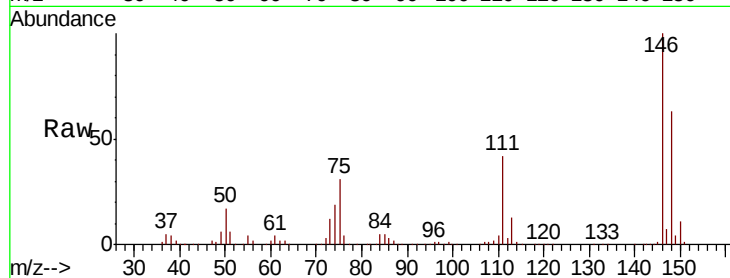
Tot Ion:146 Resp: 316234

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.5

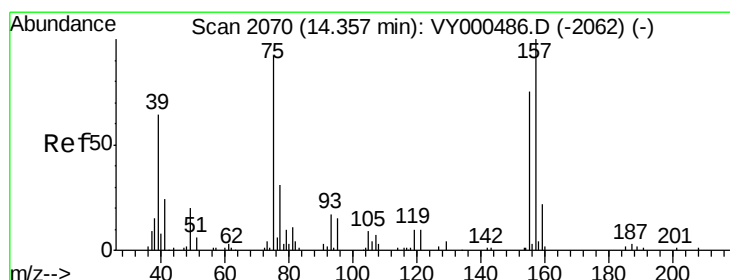
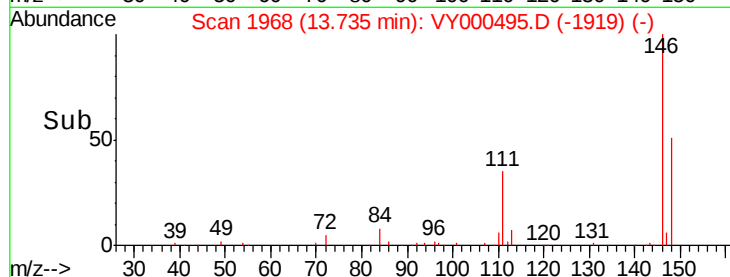
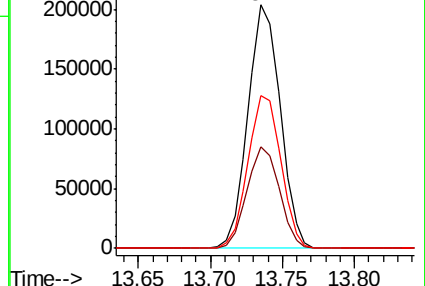
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.772 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

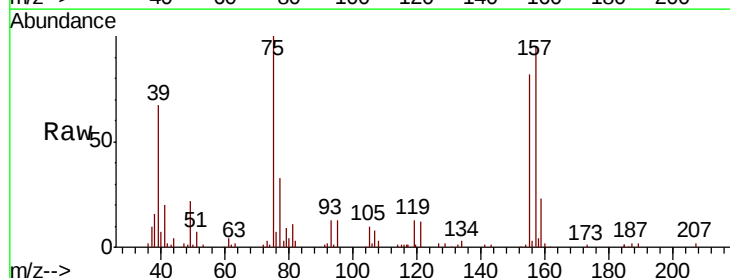
Tgt Ion: 75 Resp: 26983

Ion Ratio Lower Upper

75 100

155 87.4 42.4 127.1

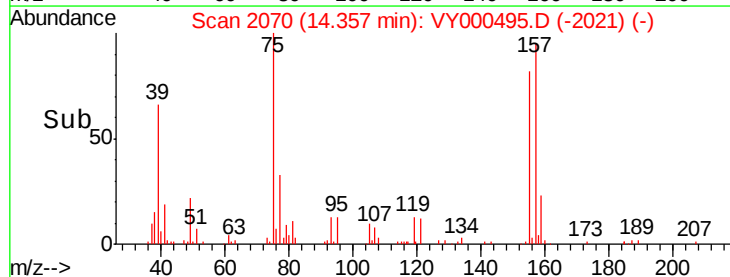
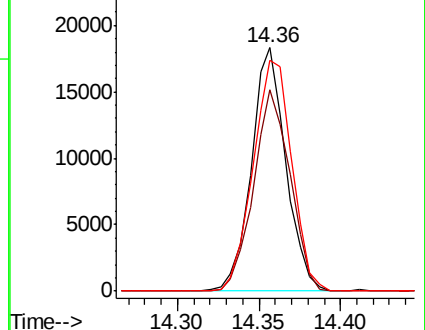
157 106.0 55.1 165.3

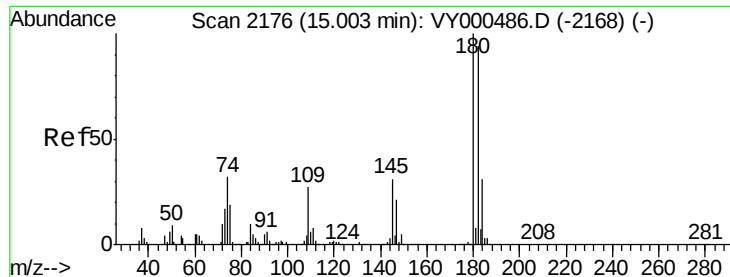


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

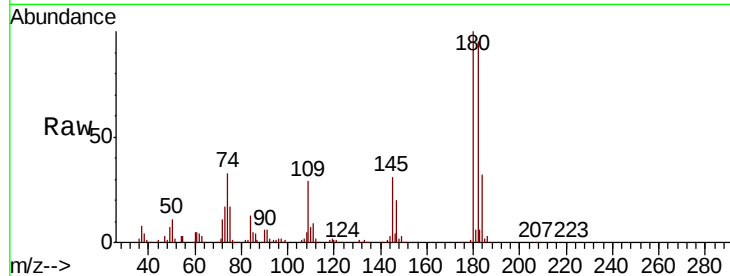




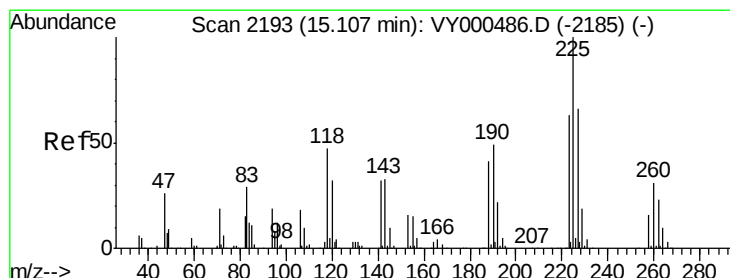
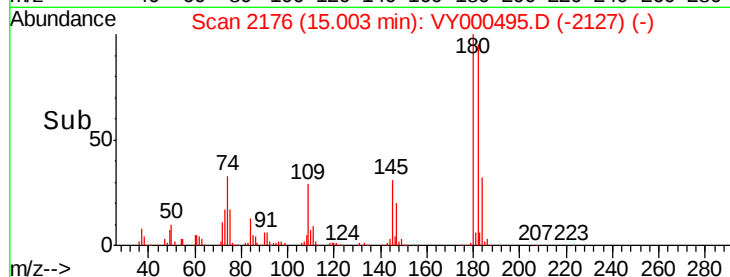
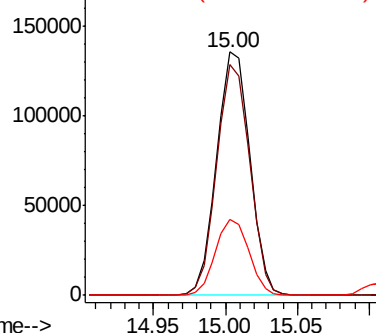
#93
 1,2,4-Trichlorobenzene
 Concen: 50.903 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.8	143.4
145	31.4	16.0	47.9

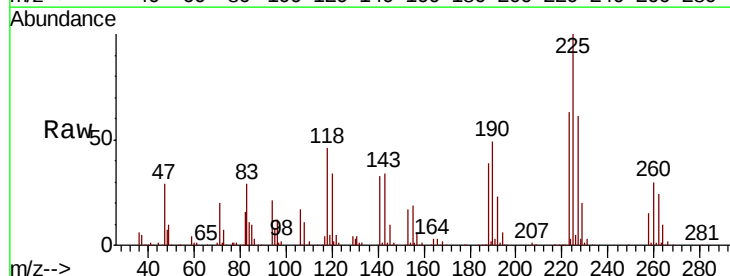


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

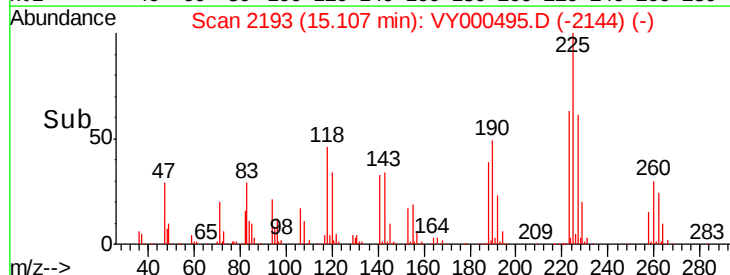
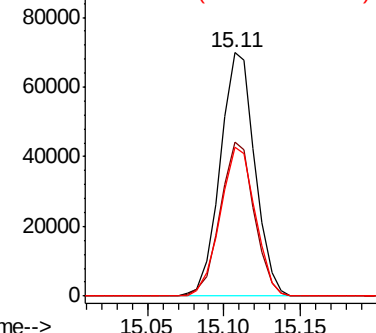


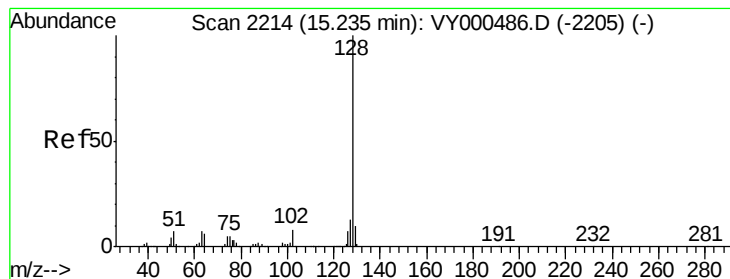
#94
 Hexachlorobutadiene
 Concen: 50.119 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000495.D
 Acq: 30 Oct 2019 17:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	62.0	32.4	97.0



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





#95

Naphthalene

Concen: 51.133 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

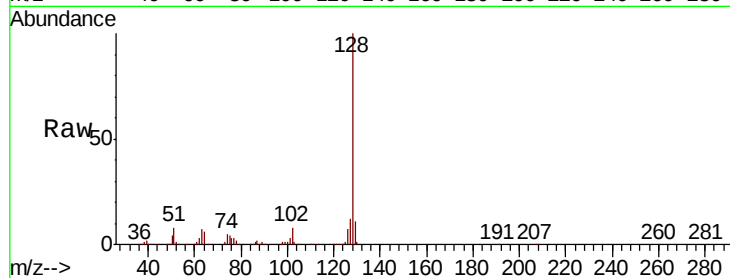
Tot Ion:128 Resp: 481890

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

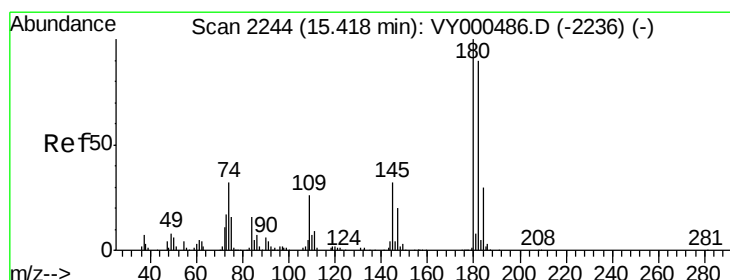
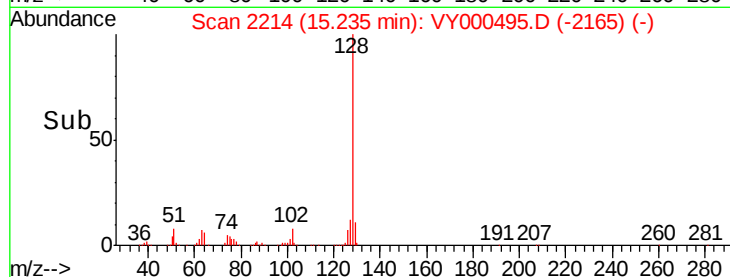
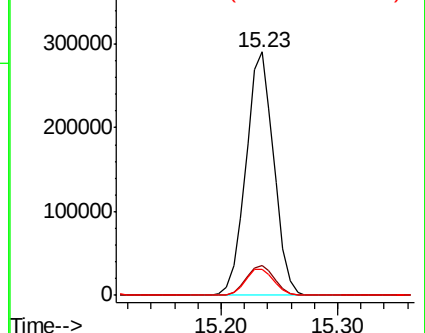
129 11.0 8.7 13.1



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: 51.387 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000495.D

Acq: 30 Oct 2019 17:46

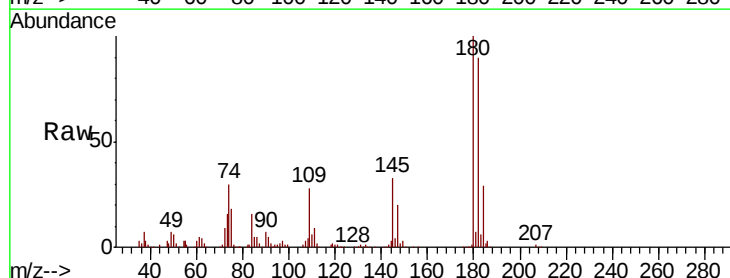
Tgt Ion:180 Resp: 195718

Ion Ratio Lower Upper

180 100

182 93.1 47.4 142.3

145 32.8 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

